

# *The Sustainable Development Goals (SDGs) and their impact on the European SD governance framework*

Preparing for the post-2015 agenda

*Umberto Pisano, Lisa Lange, Gerald Berger and Markus Hametner*

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**Authors:**

*Umberto Pisano, Lisa Lange, Gerald Berger and Markus Hametner*

**Contact:**

*ESDN Office at the  
Institute for Managing Sustainability  
Vienna University of Economics and Business  
Welthandelsplatz 1, Building D1, A-1020 Vienna, Austria  
E: [esdn-office@sd-network.eu](mailto:esdn-office@sd-network.eu)  
T: +43-1-31336-4807*

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## ESDN Quarterly Report 35 – January 2015

### ***The Sustainable Development Goals (SDGs) and their impact on the European SD governance framework***

#### **Preparing for the post-2015 agenda**

by

[Umberto Pisano](#), [Lisa Lange](#), [Gerald Berger](#) and [Markus Hametner](#)

This ESDN Quarterly Report is devoted to the Sustainable Development Goals (SDGs) in the broader context of the post-2015 agenda, with the main focus on the impact that such a process is having and will have on the European SD governance framework and, hence, on EU Member States.

The first chapter of the report gives an overview of the post-2015 agenda in the context of sustainable development, providing the current status of the process, its timeline, and the governance challenges and opportunities for implementing SDGs at the European level.

In the second chapter, we provide an analysis of how the European Union's SD goals and targets relate to the targets included in the list of the zero draft of the Sustainable Development Goals (SDGs). In addition, we offer a picture of how the EU is doing in those areas and issues highlighted by the SDGs. By referring to and using the EU SD Indicators Framework developed by Eurostat, we present the main differences and commonalities between the two frameworks: the SDGs and targets, and the European SD Indicators.

The third chapter presents a comparative overview of national activities on SDGs put in place and expected in Europe in the context of the post-2015 agenda. It summarizes the results from a survey the ESDN Office undertook among SD policy-makers in European countries, mainly focusing on the following three main areas: (i) the process (before and after September 2015); (ii) the foreseen implementation phase; and (iii) the governance mechanisms.

The fourth and final chapter describes the key topics, relevant discussions and main results of the ESDN Conference 2014 held in Rome in November 2014. Entitled, "A renewed policy framework for sustainable development – The international SD agenda and its impact on Europe", the ESDN Conference mainly reflected on how the UN process impacted the EU and the national level with regards to sustainable development, also considering the role of National SD Strategies in the context of current socio-economic and environmental policy challenges.

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# 1 The UN post-2015 agenda for SD

## 1.1 Current status

The UN General Assembly's Open Working Group on Sustainable Development Goals (OWG) agreed on and published a 'zero draft' proposal at the conclusion of its thirteenth and final session on the 19<sup>th</sup> July 2014. The proposal contains **17 goals** (see following Fig.1.1), accompanied by **169 targets**. This list of goals and targets is, however, only temporary as the final decision on the Sustainable Development Goals (SDGs) and related targets will be taken during 2015. In fact, the post-2015 sustainable development agenda is expected to be adopted by UN Member States at a summit in September 2015 at the UN Headquarters in New York. By the end of 2014, the UN Secretary-General will produce a synthesis report bringing together the results of all the different work streams on the post-2015 development agenda to facilitate the General Assembly's further deliberations<sup>1</sup>.

**Fig.1.1 List of proposed SDGs**

- |   |
|---|
| <p><b>Goal 1:</b> End poverty in all its forms everywhere</p> <p><b>Goal 2:</b> End hunger, achieve food security and improved nutrition, and promote sustainable agriculture</p> <p><b>Goal 3:</b> Ensure healthy lives and promote well-being for all at all ages</p> <p><b>Goal 4:</b> Ensure inclusive and equitable quality education and promote life-long learning opportunities for all</p> <p><b>Goal 5:</b> Achieve gender equality and empower all women and girls</p> <p><b>Goal 6:</b> Ensure availability and sustainable management of water and sanitation for all</p> <p><b>Goal 7:</b> Ensure access to affordable, reliable, sustainable, and modern energy for all</p> <p><b>Goal 8:</b> Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p><b>Goal 9:</b> Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p><b>Goal 10:</b> Reduce inequality within and among countries</p> <p><b>Goal 11:</b> Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p><b>Goal 12:</b> Ensure sustainable consumption and production patterns</p> <p><b>Goal 13:</b> Take urgent action to combat climate change and its impacts</p> <p><b>Goal 14:</b> Conserve and sustainably use the oceans, seas and marine resources for sustainable development</p> <p><b>Goal 15:</b> Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</p> <p><b>Goal 16:</b> Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</p> <p><b>Goal 17:</b> Strengthen the means of implementation and revitalize the global partnership for sustainable development</p> |
|---|

Source: UN, 2014<sup>2</sup>

The mandate to develop the proposal on the SDGs has been included in the Rio+20 Outcome Document, 'The future we want' (2012), which incorporated the request to create an Open Working Group with the task of developing the set of SDGs. It also provided the basis for their conceptualization, and instructed that such a list of goals should be coherent with and integrated into the UN development agenda beyond 2015. Therefore, **Rio+20** needs to be considered a **crucial milestone** in the development process of the SDGs, and represents a key component to

<sup>1</sup> See also: <http://www.un.org/en/development/desa/news/sustainable/sdgs-post2015.html>

<sup>2</sup> UN. 2014. Outcome Document - Open Working Group on Sustainable Development Goals. Available at: <http://sustainabledevelopment.un.org/focussdgs.html>

understand such a process. The Rio+20 Outcome Document dedicates a special section on Sustainable Development Goals – *Chapter V. Framework for action and follow-up, Section B* – that is composed of seven paragraphs from para.245 to para.251<sup>(3)</sup>.

At Rio+20<sup>4</sup>, UN Member States agreed that SDGs must:

- be based on Agenda 21 and the Johannesburg Plan of Implementation;
- fully respect all the Rio Principles;
- be consistent with international law;
- build upon commitments already made;
- contribute to the full implementation of the outcomes of all major summits in the economic, social and environmental fields;
- focus on priority areas for the achievement of sustainable development, being guided by the outcome document;
- address and incorporate in a balanced way all three dimensions of sustainable development and their interlinkages;
- be coherent with and integrated into the United Nations development agenda beyond 2015;
- not divert focus or effort from the achievement of the Millennium Development Goals; and
- include active involvement of all relevant stakeholders, as appropriate, in the process.

In addition, the outcome document specified that the development of SDGs should:

- be useful for pursuing focused and coherent action on sustainable development;
- contribute to the achievement of sustainable development;
- serve as a driver for implementation and mainstreaming of sustainable development in the UN system as a whole; and
- address and be focused on priority areas for the achievement of sustainable development.

Paragraph 18 of the introduction to the Outcome Document of the Open Working Group on Sustainable Development Goals<sup>5</sup> is of particular importance. In this paragraph, several crucial topics are touched upon that define the way SDGs are generally understood and will be developed further. First, **SDGs will be followed by indicators** that will measure progress towards SDGs and, therefore, will facilitate monitoring implementation and achievements. Secondly, SDGs are not only meant to be **action-oriented**, but take into consideration **different levels of application**: on the one hand SDGs will be **global in nature and universally accepted**. On the other hand, while **respecting national policies and priorities**, they will account for **different national realities, capacities and levels of development**. Thirdly, SDGs will follow the work done in the context of the **Millennium Development Goals**, but they will further this work and **answer to new challenges** with a special attention to those related to sustainable development, **integrating economic, social and environmental aspects** and their **interlinkages**.

<sup>3</sup> UN. 2012. The future we want – final outcome document. A/CONF.216/L.1 <http://rio20.net/wp-content/uploads/2012/06/N1238164.pdf>

<sup>4</sup> Please refer to the online UN's [Sustainable Development Knowledge Platform](http://sustainabledevelopment.un.org/focussdgs.html) for more information.

<sup>5</sup> UN. 2014. Outcome Document - Open Working Group on Sustainable Development Goals. Available at: <http://sustainabledevelopment.un.org/focussdgs.html>

## 1.2 The Post-2015 agenda

The Outcome Document of the [2010 Millennium Development Goals Summit](#) requested the Secretary-General to initiate thinking on the global development agenda beyond 2015. It also called for “increased efforts at all levels to **enhance policy coherence for development**” (para.41) while affirming that to achieve the Millennium Development Goals (MDGs) “mutually supportive and integrated policies across a wide range of economic, social and environmental issues **for sustainable development**” (ibid.) were required. Therefore, the necessity and the opportunity for strongly linking the two discourses of the MDGs and of the SDGs for a post-2015 Agenda are widely agreed upon. These two processes would ultimately converge in **one global development agenda beyond 2015 with sustainable development at its core**.

As briefly mentioned above, the Rio+20 Outcome Document initiated such a process with the aim of developing a set of SDGs. Therefore, **several work streams** were established in the form of “an inclusive and transparent intergovernmental process” (paragraph 248):

- Open Working Group of the General Assembly on Sustainable Development Goals (OWG);
- High-Level Panel of Eminent Persons on the Post-2015 UN Development Agenda;
- UN System Task Team on the Post-2015 UN Development Agenda;
- National, global and thematic consultations;
- Regional consultations;
- Sustainable Development Solutions Network (SDSN);
- UN Global Compact.

### 1.2.1 The Open Working Group on Sustainable Development Goals (OWG)

The main work stream has been the **formation of a 30-member Open Working Group (OWG)**. After thirteen rounds of meetings and negotiations, which have taken place between September 2013 and July 2014, the OWG has recently presented its proposal (see Fig.1.2).

**Fig.1.2 OWG sessions**

Session	Date	Main Topics
<a href="#">OWG 1</a>	14-15 March 2013	(a) Introduction by the Secretariat of the initial input of the Secretary-General to the Open Working Group (A/67/634), and (b) General discussion and interactive discussion on the sustainable development goals
<a href="#">OWG 2</a>	17-19 April 2013	(a) Conceptualizing the sustainable development goals; and (b) Poverty eradication
<a href="#">OWG 3</a>	22-24 May 2013	(a) Food security and nutrition, sustainable agriculture, desertification, land degradation and drought; and (b) Water and sanitation
<a href="#">OWG 4</a>	17-19 June 2013	(a) Employment and decent work for all, social protection, youth, education and culture; and (b) Health, population dynamics
<a href="#">OWG 5</a>	25-27 November 2013	(a) Sustained and inclusive economic growth, macroeconomic policy questions (including international trade, international financial system and external debt sustainability), infrastructure development and industrialization; (b) Energy
<a href="#">OWG 6</a>	9-13	(a) Means of implementation (finance, science and technology, knowledge-



	December 2013	sharing and capacity building; (b) Global partnership for achieving sustainable development; (c) Needs of countries in special situations, African countries, Least Developed Countries (LDCs), Land Locked Developing Countries (LLDCs), and Small Island Developing States (SIDS) as well as specific challenges facing the middle income countries; and (d) Human rights, the right to development, global governance
<a href="#">OWG 7</a>	6-10 January 2014	(a) Sustainable cities and human settlements, sustainable transport; (b) Sustainable consumption and production (including chemicals and waste); and (c) Climate change and disaster risk reduction.
<a href="#">OWG 8</a>	3-7 February 2014	(a) Oceans and seas, forests, biodiversity; (b) Promoting equality, including social equity, gender equality and women's empowerment; and (c) Conflict prevention, post-conflict peacebuilding and promotion of durable peace, rule of law and governance
<a href="#">OWG 9</a>	3-5 March 2014	(a) Presentation of document consolidating discussions, main areas and topics of the first eight OWG sessions; (b) Starting point for the consensus building phase, and for the identification of SDGs and related targets
<a href="#">OWG 10</a>	31 March-4 April 2014	Cluster 1 - Poverty eradication - Promote equality Cluster 2 - Gender equality and women's empowerment - Education - Employment and decent work for all - Health and population dynamics Cluster 3 - Water and sanitation - Sustainable agriculture, food security, and nutrition Cluster 4 - Economic growth - Industrialization - Infrastructure - Energy Cluster 5 - Sustainable cities and human settlements - Promote Sustainable Consumption and Production - Climate Cluster 6 - Conservation and sustainable use of marine resources, oceans and seas - Ecosystems and biodiversity Cluster 7 - Means of implementation/Global partnership for sustainable development Cluster 8 - Peaceful and non-violent societies, rule of law and capable institutions
<a href="#">OWG 11</a>	5-9 May 2014	- Sixteen Focus areas discussed with the help of a revised working document - Chapeau
<a href="#">OWG 12</a>	16-20 June 2014	- First Zero Draft of SDGs is presented - 17 focus areas in total: one new focus area is added to the discussion 'Reduce inequality within and among countries'
<a href="#">OWG 13</a>	14-18 July 2014	- Consolidated Zero Draft of SDGs and targets is produced and published on the 19 <sup>th</sup> of July 2014

Source: UN, 2014

The OWG was established by decision 67/555 of the General Assembly<sup>6</sup>, on 22 January 2013. Member States used an innovative, constituency-based system of representation in which most of the seats in the OWG were shared by several countries (see Fig.1.3). Two co-chairs were elected: Mr. Csaba Kőrösi, Permanent Representative of Hungary to the UN, and Mr. Macharia Kamau, Permanent Representative of Kenya to the UN. In the first eight sessions, the OWG performed a stock-taking exercise; at the 9<sup>th</sup> session (March 2014), the group started considering elements for a goals and targets framework. The following sessions started producing focused texts on SDGs and targets, which then culminated in a **'zero draft' proposal** that was published

<sup>6</sup> Please refer to decision [A/67/L.48/rev.1](#)



and adopted on July 19, 2014. This 'zero draft' was then presented in its final report to the UNGA by September 2014<sup>7</sup>.

**Fig.1.3 Membership of the OWG**

<b>AFRICAN GROUP</b> 1. <i>Algeria/Egypt/Morocco/Tunisia</i> 2. <i>Ghana</i> 3. <i>Benin</i> 4. <i>Kenya</i> 5. <i>United Republic of Tanzania</i> 6. <i>Congo</i> 7. <i>Zambia/Zimbabwe</i>	<b>ASIA-PACIFIC GROUP</b> 8. <i>Nauru/Palau/Papua New Guinea</i> 9. <i>Bhutan/Thailand/Viet Nam</i> 10. <i>India/Pakistan/Sri Lanka</i> 11. <i>China/Indonesia/Kazakhstan</i> 12. <i>Cyprus/Singapore/United Arab Emirates</i> 13. <i>Bangladesh/Republic of Korea/Saudi Arabia</i> 14. <i>Iran (Islamic Republic of)/Japan/Nepal</i>
<b>LATIN AMERICAN and CARIBBEAN GROUP (GRULAC)</b> 15. <i>Colombia/Guatemala</i> 16. <i>Bahamas/Barbados</i> 17. <i>Guyana/Haiti/Trinidad and Tobago</i> 18. <i>Mexico/Peru</i> 19. <i>Brazil/Nicaragua</i> 20. <i>Argentina/Bolivia (Plurinational State of)/Ecuador</i>	<b>EASTERN EUROPEAN GROUP</b> 26. <i>Hungary</i> 27. <i>Belarus/Serbia</i> 28. <i>Bulgaria/Croatia</i> 29. <i>Montenegro/Slovenia</i> 30. <i>Poland/Romania</i>
<b>WESTERN EUROPEAN and OTHERS GROUP (WEOG)</b> 21. <i>Australia/Netherlands/United Kingdom of Great Britain and Northern Ireland</i> 22. <i>Canada/Israel/United States of America</i> 23. <i>Denmark/Ireland/Norway</i> 24. <i>France/Germany/Switzerland</i> 25. <i>Italy/Spain/Turkey</i>	

Source: UN, 2014

## 1.2.2 Other work streams

In order to ensure coherence across the different work streams, an informal senior coordination group of four Assistant Secretaries-General (ASGs) was put in place together with a One Secretariat to facilitate coordination and coherence across work streams, and guarantee independence. This coordination group included: (1) the ASG for Economic Development at DESA; (2) the ASG for Development Policy at UNDP; (3) the ASG for Policy and Programme at UN Women; and, (4) the Special Advisor on Post-2015 Development Planning.

Apart from the OWG, in the next paragraphs we briefly delineate the main work streams that describe the work on the Post-2015 Agenda and the path to a negotiated agreement on the new framework that will be presumably decided in the 70<sup>th</sup> Session of the UN General Assembly in September 2015.

### High-Level Panel of Eminent Persons on the Post-2015 UN Development Agenda

Launched by the UN Secretary-General in July 2012, the [High-level Panel of Eminent Persons on the Post-2015 Development Agenda](#) was tasked with advising on the global development framework beyond 2015. Co-chaired by the Presidents of Indonesia and Liberia and the Prime Minister of the United Kingdom, the Panel assembled representatives from civil society, private sector, academia, and local and national governments. The resulting report "[A New Global Partnership: Eradicate Poverty and Transform Economies through Sustainable Development](#)"

<sup>7</sup> <http://www.fao.org/post-2015-mdg/background/en/>

(May 2013) sets out a universal agenda to eradicate extreme poverty and deliver on the promise of sustainable development. In the report, the Panel calls for the new post-2015 goals to drive **five big transformative shifts**:

- i. Leave No One Behind: to move from reducing to ending extreme poverty, in all its forms;
- ii. Put Sustainable Development at the Core: to integrate the social, economic and environmental dimensions of sustainability;
- iii. Transform Economies for Jobs and Inclusive Growth: to end extreme poverty and improve livelihoods, by harnessing innovation, technology, and the potential of business;
- iv. Build Peace and Effective, Open and Accountable Institutions for All: to recognize peace and good governance as a core element of wellbeing, not an optional extra;
- v. Forge a New Global Partnership: with a new spirit of solidarity, cooperation, and mutual accountability.

### UN System Task Team on the Post-2015 UN Development Agenda

Established by the UN Secretary-General in January 2012, the [UN System Task Team on the Post-2015 UN Development Agenda](#) assembles more than 60 UN agencies and international organizations. Co-chaired by the United Nations Department of Economic and Social Affairs (UN DESA) and the United Nations Development Programme (UNDP), the Task Team supports the process by providing analytical thinking and substantial inputs. Its first report [Realizing the Future We Want for All](#) (July, 2012) outlined the vision of the UN system on the global development agenda beyond 2015. The report calls for an integrated policy approach to ensure inclusive economic development, social progress and environmental sustainability and a development agenda that responds to the aspirations of all people for a world free of want and fear. Moreover, the Task Team is currently engaged in providing analytical inputs on the global partnership for development and on monitoring and indicators.

In addition, an inter-agency technical support team (TST) has been established to support the Open Working Group, under the umbrella of the UN System Task Team. The TST is co-chaired by UN DESA and UNDP, and it consists of over 40 UN entities. The TST is to provide technical support, including analytical inputs, background material and expert panellists. Thus it constitutes an information platform will share UN system knowledge with the OWG.

### National, global and thematic consultations

In order to facilitate an inclusive global conversation, the United Nations Development Group has initiated (1) consultations at the national level; (2) consultations at the global level; and, (3) a set of eleven thematic consultations.

**National consultations** took place in more than 60 developing and developed countries through online and offline outreach programmes that are tailored to national circumstances and needs, and closely linked to national development priorities.

**Global consultations** aimed at a global participation of every citizen through the establishment of the initiative [My World](#), which asks every online citizen / user to select the most important six priorities for them and their families among the following issues: Better transport and roads; affordable and nutritious food; Action taken on climate change, Freedom from discrimination and persecution, A good education, Access to clean water and sanitation, Protection against crime

and violence, Phone and internet access, Reliable energy at home, Political freedoms, Support for people who can't work, Better job opportunities, Protecting forests, rivers and oceans, Better healthcare, Equality between men and women, An honest and responsive government (an open field was left blank for suggesting other issues). By October 2014, more than five million votes had been cast. The results of this survey will be submitted to the Secretary-General's High-level Panel.

A set of **eleven multi-stakeholder thematic consultations** were convened, each led by two or more UN agencies that work closely together with representatives from civil society, the private sector and academia as well as with co-hosting governments. The consultations aim to explore the role such themes could play in a new framework, different ways in which they can be best addressed, and the interlinkages between them.

### Regional consultations

The five<sup>8</sup> [UN Regional Economic Commissions](#) also engaged in regional consultations with the intention of providing a regional perspective on the post-2015 development agenda. This process culminated in a [report](#) identifying a number of **regional priorities** and four key messages aiming at informing the global debate of: (i) the importance of placing employment generation at the centre of the post-2015 agenda; (ii) the need for more effective approaches to tackle inequality; (iii) the need to incorporate a more comprehensive approach to environmental sustainability; and (iv) the effective incorporation of democratic governance into the post-2015 debate.

### Sustainable Development Solutions Network (SDSN)

The [Sustainable Development Solutions Network \(SDSN\)](#), led by Jeffrey Sachs, is a global, **independent network of research centres, universities and technical institutions** that works with stakeholders including business, civil society, UN agencies, and other international organizations. In September 2013, the SDSN released its report to the Secretary General. Recently updated in April 2014, the report [An Action Agenda for Sustainable Development](#) outlines a shared framework for sustainable development through the following interconnected priority challenges that must be addressed at global, regional, national, and local scales:

1. End extreme poverty including hunger;
2. Promote economic growth and decent jobs within planetary boundaries;
3. Ensure effective learning for all children and youth for life and livelihood,
4. Achieve gender equality, social inclusion, and human rights for all,
5. Achieve health and wellbeing at all ages,
6. Improve agriculture systems and raise rural prosperity,
7. Empower inclusive, productive and resilient cities,
8. Curb human-induced climate change and ensure sustainable energy,
9. Secure biodiversity, and ensure good management of water, oceans, forests, and natural resources,
10. Transform governance and technologies for sustainable development.

<sup>8</sup> The five UN Regional Economic Commissions are: 1) Economic Commission for Europe; 2) Economic and Social Commission for Asia and the Pacific; 3) Economic Commission for Latin America and the Caribbean; 4) Economic Commission for Africa; and, 5) Economic and Social Commission for Western Asia.

## UN Global Compact

The [UN Global Compact](#) has been actively involved in ensuring that the views and contributions of **businesses and the private sector** feed into the post-2015 process. Among the multiple initiatives and activities started by the UN Global Compact, the publication of the paper "[The Role of Business and Finance in Supporting the Post-2015 Agenda](#)" highlights the role of business and investors in advancing sustainable development goals through responsible business actions. The paper was introduced at the high-level luncheon of the Global Compact Board meeting (2 July 2014), which was attended by UN Secretary-General Ban Ki-moon and nearly 150 participants.

### 1.2.3 Process and Timeline of the Post-2015 Agenda

To conclude this section we present a focused timeline of the Post-2015 Agenda framework preparation (see Fig.1.4) and a graphical presentation that we hope will facilitate a better understanding of the whole process (see Fig.1.5): the main meetings and key milestones are highlighted.

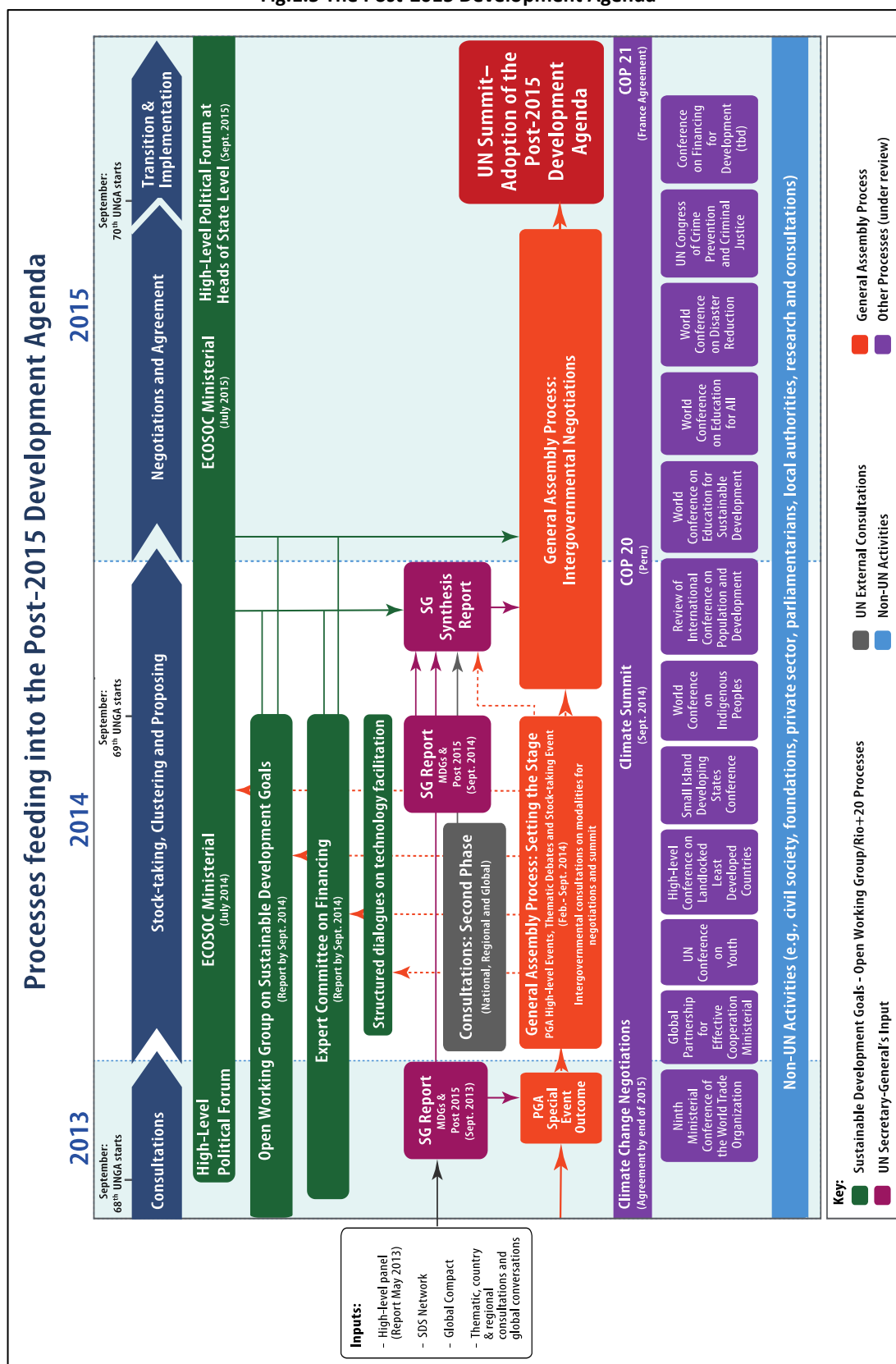
**Fig.1.4 Timeline for the Post-2015**

Date	UN event
2000	World leaders adopt the <a href="#">Millennium Declaration</a> , a shared vision
September 2010	MDG Summit, UN Member States take first steps towards advancing the 'Post-2015 Development Agenda'. Secretary-General releases report <a href="#">Keeping the promise</a> : a forward-looking review to promote an agreed action agenda to achieve the Millennium Development Goals by 2015
June 2012	<a href="#">Rio+20</a> , governments commit to the promotion of a sustainable future, and mandate an intergovernmental Open Working Group to form a set of Sustainable Development Goals
2012-2013	UNDG identifies 11 Global Thematic Consultations, which together with 87 national consultations and the MyWorld Public Survey, <a href="#">engage 1.3m people</a> in visualising new goals
March 2013 – June 2013	First four sessions of the OWG on SDGs
May 2013	SG-appointed High Level Panel of Eminent Persons releases post-2015 report, " <a href="#">A New Global Partnership: Eradicate Poverty and Transform Economies through Sustainable Development</a> "
June 2013	UN Global Compact releases <a href="#">report</a> to Secretary-General on post-2015
September 2013	<a href="#">Sustainable Development Solutions Network</a> releases report to Secretary-General
September 2013	UNDG releases report based on consultations/public survey, " <a href="#">A Million Voices: The World We Want</a> "
September 2013	SG hosts ' <a href="#">MDG success: Accelerating Action and Partnering for Impact</a> ', showcasing multistakeholder partnerships as a model for the Post-2015 Agenda
September 2013	SG presents report on the MDGs and the post-2015 agenda at the UNGA, " <a href="#">A Life of Dignity for All</a> "
September 2013	General Assembly adopts the <a href="#">Outcome Document</a> of the Special Event on MDGs.
November 2013 - February 2014	Second four sessions of OWG on SDGs
February - June 2014	The President of the 68th session of the UNGA, John Ashe, organises <a href="#">six multi-stakeholders events</a> to advance consensus on the post-2015 Agenda
March - July 2014	The OWG on SDGs moves into negotiation phase
2014	The UNDG organises a second round of consultations among stakeholders focusing on the means of implementation of a post-2015 Agenda

By September 2014	OWG on SDGs to report back to UNGA with proposals for a set of SDGs
By end of 2014	SG to synthesise all inputs to the post-2015 process in a final report
End of 2014 – September 2015	Intergovernmental negotiations to begin on a successor framework to MDGs
September 2015	High-level summit to adopt the Post-2015 Development Agenda.

Source: [FAO](#)

Fig.1.5 The Post-2015 Development Agenda

Source: [Beyond 2015](#)

### 1.3 Comparing MDGs and proposed SDGs

In 2000, with the main aim of eradicating poverty and fostering development, 189 countries agreed on the **Millennium Development Goals (MDGs)** in the [UN Millennium Declaration](#): eight individual MDGs and 21 related targets, measured by 60 official indicators. Among the numerous studies and reflections on the MDGs, the UN Task Team on the post-2015 UN Development Agenda (2012) has acknowledged the major **critiques** mentioned in the literature, and recommended a more holistic approach to the MDG framework along four key dimensions: (1) inclusive social development; (2) inclusive economic development; (3) environmental sustainability; and (4) peace and security (UNSTT, 2012, p.i)<sup>9</sup>. From our analysis, we had the impression that at least these four main dimensions were taken into consideration during the OWG sessions and seem reflected in the ‘zero draft’ of the sustainable development goals agreed upon in July 2014. In order to provide a brief outlook of what is meant for the SDGs to conclude the unfinished business of the MDGs and respond to new challenges, we put in Fig.1.6 below both, the MDGs and the proposed SDGs next to each other.

**Fig.1.6 Comparing MDGs and proposed SDGs**

MDGs	Proposed SDGs
1. Eradicate extreme poverty and hunger	<b>Goal 1:</b> End poverty in all its forms everywhere
2. Achieve universal primary education	<b>Goal 2:</b> End hunger, achieve food security and improved nutrition, and promote sustainable agriculture
3. Promote gender equality and empower women	<b>Goal 3:</b> Ensure healthy lives and promote well-being for all at all ages
4. Reduce child mortality	<b>Goal 4:</b> Ensure inclusive and equitable quality education and promote life-long learning opportunities for all
5. Improve maternal health	<b>Goal 5:</b> Achieve gender equality and empower all women and girls
6. Combat HIV/AIDS, malaria and other diseases	<b>Goal 6:</b> Ensure availability and sustainable management of water and sanitation for all
7. Ensure environmental sustainability	<b>Goal 7:</b> Ensure access to affordable, reliable, sustainable, and modern energy for all
8. Develop a global partnership for development	<b>Goal 8:</b> Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
	<b>Goal 9:</b> Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
	<b>Goal 10:</b> Reduce inequality within and among countries
	<b>Goal 11:</b> Make cities and human settlements inclusive, safe, resilient and sustainable
	<b>Goal 12:</b> Ensure sustainable consumption and production patterns
	<b>Goal 13:</b> Take urgent action to combat climate change and its impacts
	<b>Goal 14:</b> Conserve and sustainably use the oceans, seas and marine resources for sustainable development
	<b>Goal 15:</b> Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
	<b>Goal 16:</b> Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels
	<b>Goal 17:</b> Strengthen the means of implementation and revitalize the global partnership for sustainable development

<sup>9</sup> UNSTT (2012). Realizing the future we want: A report to the Secretary General. New York: UN.



Taking a closer look, it seems that all MDGs are well translated into the SDGs list and its targets. For instance, SDG 1 and 2 evidently follow the first MDG ‘Eradicate extreme poverty and hunger’. SDG 4 clearly mirrors and deepens the second MDG ‘Achieve universal primary education’ by adding important considerations concerning inclusiveness, equity and a continuous process of education throughout a life-time (e.g. life-long learning).

As questioned and criticised by many in the past years, the seventh MDG ‘Ensure environmental sustainability’ has been completely remodelled and significantly enlarged by several new SDGs that reflect well many of the concerns expressed, especially by scientists and NGOs. In this context, for instance, while we favour the inclusion of a SDG to ‘Make cities and human settlements inclusive, safe, resilient and sustainable’ (SDG 11), which puts the attention of policy-makers on crucial sustainability-related issues of urbanisation and cities as major engines of environmental problems, it is also important to point out that there is **no mentioning of ‘limits to growth’, ‘planetary boundaries’ or the physical limits of Planet Earth**. In this regard, we want to highlight and challenge one aspect of SDG 8 to ‘Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all’. Especially with respect to the physical limits of the environment, we ask: to what extent can a ‘sustained economic growth’, hence infinite, perpetual and continuous, be ‘sustainable’?

Likewise, we also note the weakness of the SDG 13 ‘Take urgent action to combat climate change and its impacts’ and, especially, of its targets that do not really account for the actual and critical peril that climate change is posing and will continue to pose to a sustainable development of the human people.

From a social perspective, we welcome the many references to inclusiveness by several SDGs. Similarly, we want to point out two SDGs that are very interesting and worth taking a closer look: on the one hand, SDG 10, ‘Reduce inequality within and among countries’, is particularly important with respect to equity issues that have been so often overlooked in the past, and represents “one of the most transformative goals proposed by the OWG” ([Beyond 2015](#)). On the other hand, SDG 16 ‘Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels’ takes into consideration the need for peace, justice and good governance for effectively supporting and promoting sustainable development.

## 1.4 Governance for SD: Challenges and opportunities for SDGs implementation in the EU

The **effective implementation of SDGs** warrants coordinated actions from different institutions and stakeholders at the EU, national and subnational levels. The complexity of a multitude of institutions and stakeholders with diverse aims, competences and incentive structures could best conceptualised through a ‘governance for SD’ lens. Through this lens one can better understand the dynamic relationships between different institutional actors and other stakeholder, and appreciate the inherent complexity of the processes through which the objectives of SDGs need to be realized (see also Niestroy, 2014)<sup>10</sup>. Three main challenges emerge: vertical policy

<sup>10</sup> Niestroy, I. 2014. Governance for Sustainable Development: How to Support the Implementation of SDGs?. Chapter 10 of ASEF Outlook Report 2014-2015 Facts and Perspectives, pp.141-155

integration between different institutional levels, horizontal policy integration between different sectors and policy arenas, and participation of relevant stakeholders.

In this context, **governance for sustainable Development** could assist and guide the implementation of SDGs through 3 steps. First, to conceptualize the complexity of the situation and identify institutions and stakeholders that are significant for a successful implementation of the SDGs (i.e. responsible actors and their specific competencies and capacities). Second, to assess which actions could be most effectively implemented at different governance levels, supported by coordinated actions of different institutional levels and stakeholder groups, and how they affect synergies between different SDGs (i.e. vertical policy integration). Third, we need to investigate if the effectiveness of the modes of governance could be improved through the creation of coordinating institutional structures and policy instruments (i.e. horizontal policy integration and policy coherence).

Sustainable development policies and initiatives require **multi-layered decision making, multi-level coordination and cooperation, and multitude of stakeholders** intervening in the process (Lafferty, 2002; Berger & Streuer, 2009)<sup>11</sup>. This need for integration and cooperation is also evident between different levels of political institutions – UN, EU, national governments, municipal governments – as well as local and international stakeholders. Furthermore, stakeholders are diverse, have different perceptions of relevant time frames and face different incentive structures. The diversity of areas touched by the SDGs represents an additional governance challenge, since this could result in contradictions between policies and mechanisms and the weighting of different challenges will be goal-specific rather than universal.

Bulkeley et al. (2013, pp.966-967)<sup>12</sup> have identified three opportunities to advance governance for SD:

1. Reframing of the way in which problems of sustainability are described and approached;
2. Formulating effective sustainable development goals; and
3. Identifying new ways to open up the sustainable development debate to a multitude of actors and interests.

The **formulation of universal SDGs** clearly responds to these three opportunities. They could be a **new way to describe and approach sustainability more effectively both on a national and sub-national level**. Furthermore, the aim of tying the SDGs to specific targets and indicators enhances opportunities for effective implementation, facilitates monitoring, and, therefore, could contribute in improving reflexivity. Considering the complexities of SD issues (multi-actor, multi-level, multi-sector), governance for SD through institutions and processes that guide and coordinate a concerted effort is required (Niestroy, 2014). This puts the existing institutions as well as individual policymakers in a crucial role to promote dialogue, cooperation and coordination of different actors in order to promote SDGs effectively. There are five key principles to guide this governance effort put forward in UN and EU documents (Berger, 2009; Steurer,

<sup>11</sup> Berger, G. & Streurer, R. 2009. 'Horizontal Policy Integration and Sustainable Development: Conceptual remarks and governance examples'. ESDN Quarterly report. June 2009

Lafferty, W.M. 2002. 'Adapting governance practice to the goal of sustainable development'. Available at <http://webs.uvigo.es/dialogos/biblioteca/goals.pdf>.

<sup>12</sup> Bulkeley H, Jordan A, Perkins R, Selin H, 2013, 'Governing sustainability: Rio+20 and the road beyond'. Environment and Planning C: Government and Policy, 31(6) 958 – 970.

2009, Lange et al, 2013)<sup>13</sup>: horizontal policy integration, vertical policy integration, participation, reflexivity and the integration of long and short-term time scales. Niestroy (2014) compiles these principles and conceptualizes them in terms of specific governance challenges for sustainable development (see fig.1.7).

**Fig. 1.7 Five normative governance principles for SD**

Characteristics of integration	Governance principle	What needs to be coordinated/ integrated?	Challenge for governance for SD
Policy sectors / areas	Horizontal coordination/ integration	Multiple sectors: economic, social and environmental policies	Policy coherence and systemic thinking
Policy levels / spatial scales	Vertical coordination/ integration	Multiple levels: local, subnational, national and supranational	Coordination, links and cooperation of governments and administrations at all levels
Actors / stakeholders	Participation	Multiple actors: decision-makers and stakeholders from politics, business and civil society	Stakeholder participation in discussion and decision-making processes
Knowledge	Reflexivity	Knowledge and experience from various areas in society, learning process	Continuous reflection and evaluation of decisions and policy instruments
Time	Intra- and Inter-generational equity	Long- and short-term thinking	Long-term thinking despite short election cycles

**Source: adapted from Steurer (2009) and Niestroy (forthcoming)**

Efforts for SDG implantation will primarily be concentrated on the national level. Considering the high level of interconnectedness in Europe in particular, the EU should play a crucial role not only in terms of coordination, but also engage in an incentivising role, and take the lead in revitalising SD policies and goals among EU Member States. Although policy coherence at EU and national level is of uttermost importance, at the same time, sufficient flexibility is necessary to react to regional and local developmental needs. This needs to be considered not only at the implementation stage, but already at the negotiations of the SDGs. Coherently, Osborn & Ullah (2014)<sup>14</sup> question the proposed SDGs as they put too much emphasis on poverty eradication, which is more relevant for developing countries and do not adequately address the “sustainability transformation needed in the developed and middle income countries over the next generation” and how this will in turn affect developing countries.

To fully assess and improve the effectiveness of the implementation process of SDGs we do not only have to look at goal attainment, but at the process itself. This is when governance for SD is most needed as it should be part of the SDGs targets itself, with the main intention to assure

<sup>13</sup> Berger, G. 2009. ‘Governance for Sustainable Development: Concepts, principles and challenges’, paper presented at the Eurofound Expert meeting: Industrial Relations and Sustainability, Brussels ,3rd December, 2009.

Steurer, R. 2009. ‘Sustainable development as governance reform agenda; an aggregation of distinguishes challenges for policy –making’. Institute of forest, Environment and natural resource Poliy, Discussion Paper. 1-2009.  
Lange P. et al 2013. ‘Governing Towards Sustainability—Conceptualizing Modes of Governance’. Journal of Environmental Policy & Planning. 15(3) 403-425/

<sup>14</sup> Osborn, D. & Ullah, F. 2014. ‘Sustainable Development Goals. A Universal Agenda that should shape strategies, priorities and action in both developed and developing countries, and in middle income countries. How to build on the Draft Goals prepared by the UN’s Open Working Group- A Challenge - and an Opportunity - for Europe’. Paper by Stakeholder Forum for ESDN Conference. Rome 6-7 November 2014.

coherence and effectiveness for all SDGs. However, the assessment of the success of any approach to governance for SD will not be an easy task. A central component of governance for SD is reflexivity, by which we mean the continuous reflection and re-evaluation of specific policies as well as questioning and re-defining of long-term normative objectives (Steurer, 2009, p.9). This calls for a system of monitoring and reviewing progress and the identification of policy-relevant knowledge from different institutional actors and stakeholders. This would warrant a move away from traditional policy processes that based on short term targets towards a transition management approach<sup>15</sup> characterised by continuous re-evaluation and adaptation of policies both in terms of short-term objectives and long-term goals (Kemp and Loorbach, 2003; Kemp, Parto & Gibson, 2005, p. 23)<sup>16</sup>. The SDGs could act as an articulation of these long-term goals. However, vertical and horizontal integration of such transition management process will be challenging. Furthermore, the challenge remains in formulating SDG targets in such a way that they display a level of specificity that facilitates effective implementation and remain flexible enough to account for evolving national and sub-national idiosyncrasies.

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<sup>15</sup> For an over view on sustainable transitions see:

Pisano, Lepuschitz & Berger (2014) 'Transformative environmental and sustainability policy: new thematic issues, actor constellations and governance modes', 11<sup>th</sup> ESDN Workshop Discussion Paper

<sup>16</sup> Kemp, R. & Loorbach, D. 2003. 'Governance for sustainability through transitions management'. Paper for Open meeting of the Human Dimensions of Global Environmental Change Research Community. October 26-19 Montreal Canada.

Kemp, R.; Parto, S. & Gibson, R. 2005. 'Governance for sustainable development: moving from theory to practice'. International Journal of Sustainable Development. 8 (1/2).

## 2 Impact of SDGs in Europe and SD governance

In this chapter our main intention is to provide an overview of how the European Union's SD goals and targets relate to the targets included in the list of the zero draft of the sustainable development goals (SDGs). In addition, we offer a picture of how the EU is doing in those areas and issues highlighted by the SDGs. In our analysis, we took into consideration two of the major **European policy strategies**: the **renewed EU SDS** (2006) and the **Europe 2020 Strategy** (2010)<sup>17</sup>. We firstly describe these two strategies and then explain what sources and indicators we used in our analysis. These indicators are mainly drawn from the EU SD Indicators Framework developed by Eurostat. In the second section, we offer the actual analysis we performed looking at the main differences and commonalities among the SDGs and targets and the European indicators on the same or similar topics.

### 2.1 The EU's role in the Post-2015 Agenda

#### 2.1.1 The EU Sustainable Development Strategy (EU SDS)

Renewed and adopted in 2006, the EU Sustainable Development Strategy (EU SDS) sets out objectives and concrete actions for **seven key priority challenges**, mostly for the period until 2010:

1. **Climate change and clean energy**: *to limit climate change and its costs and negative effects to society and the environment;*
2. **Sustainable transport**: *to ensure that our transport systems meet society's economic, social and environmental needs whilst minimising their undesirable impacts on the economy, society and the environment;*
3. **Sustainable consumption & production**: *to promote sustainable consumption and production patterns;*
4. **Conservation and management of natural resources**: *to improve management and avoid overexploitation of natural resources, recognising the value of ecosystem services;*
5. **Public Health**: *to promote good public health on equal conditions and improve protection against health threats;*
6. **Social inclusion, demography and migration**: *to create a socially inclusive society by taking into account solidarity between and within generations and to secure and increase the quality of life of citizens as a precondition for lasting individual well-being;*
7. **Global poverty and sustainable development challenges**: *to actively promote sustainable development worldwide and ensure that the European Union's internal and external policies are consistent with global sustainable development and its international commitments.*

Additionally, the renewed EU SDS includes **two cross-cutting policies** that aim to contribute to the knowledge society: 1) **Education and training**; and, 2) **Research and development**.

<sup>17</sup> The next two sections are mainly based on a previous study we undertook in 2011. Please refer to: Pisano, U., G. Berger, A. Endl and M. Sedlacko (2011) Sustainable development governance & policies in the light of major EU policy strategies and international developments. ESDN Quarterly Report September 2011. Available at: [http://www.sd-network.eu/quarterly%20reports/report%20files/pdf/2011-September-SD\\_governance\\_and\\_policies.pdf](http://www.sd-network.eu/quarterly%20reports/report%20files/pdf/2011-September-SD_governance_and_policies.pdf)

Fig.2.1: The EU SDS in brief

Strategy	Renewed in 2006 based on the first EU SDS (Gothenburg, 2001)
Aim	Achieve SD, quality of life and well-being in Europe in the long-term
Objectives	<p><b>7 key challenges:</b></p> <ol style="list-style-type: none"> <li>1. Climate change and clean energy</li> <li>2. Sustainable transport</li> <li>3. Sustainable consumption &amp; production</li> <li>4. Conservation and management of natural resources</li> <li>5. Public Health</li> <li>6. Social inclusion, demography and migration</li> <li>7. Global poverty and sustainable development challenges</li> </ol> <p><b>2 cross-cutting policies:</b></p> <ol style="list-style-type: none"> <li>a. education and training;</li> <li>b. research and development</li> </ol>
Governance cycle	Every two years
Main documents for implementation at the national level	National Sustainable Development Strategies (NSDSs)
Ministries responsible at the national level	Ministries of the Environment (in most cases)

Source: Pisano et al., 2011

### 2.1.2 The Europe 2020 Strategy (EU SDS)

Adopted in 2010, the Europe 2020 Strategy ‘**A strategy for smart, sustainable and inclusive growth**’ outlines three “mutually reinforcing priorities” (EC, 2010, p.3)<sup>18</sup> for the EU:

- Smart growth: developing an economy based on knowledge and innovation
- Sustainable growth: promoting a more resource efficient, greener and more competitive economy
- Inclusive growth: fostering a high-employment economy delivering social and territorial cohesion.

Although they are not exhaustive, **five EU headline targets** are to be achieved by 2020:

- I. 75% of the population aged 20-64 should be employed;
- II. 3% of the EU's GDP should be invested in R&D;
- III. the "20/20/20" climate and energy targets should be met (including an increase to 30% of emissions reduction *if the conditions are right*);
- IV. the share of early school leavers should be under 10% and at least 40% of the younger generation should have a tertiary degree;
- V. 20 million less people should be at risk of poverty.

The EU headline targets are then translated into national Europe 2020 targets that reflect the different national situations and circumstances.

<sup>18</sup> European Commission (2010) EUROPE 2020 - A strategy for smart, sustainable and inclusive growth. COM(2010) 2020 final, 2010, <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2010:2020:FIN:EN:PDF>



Fig.2.2: The Europe 2020 Strategy in brief

Strategy	Published March 2010; adopted June 2010
Aim	Achieve smart, sustainable and inclusive growth
Objectives	<p>5 headline targets:</p> <ul style="list-style-type: none"> <li>• <b>Employment:</b> 75% of the population aged 20-64 should be employed</li> <li>• <b>R&amp;D / innovation:</b> 3% of the EU's GDP should be invested in R&amp;D</li> <li>• <b>Climate change / energy:</b> the "20/20/20" climate/energy targets should be met (including an increase to 30% of emissions reduction if the conditions are right)</li> <li>• <b>Education:</b> the share of early school leavers should be under 10% and at least 40% of the younger generation should have a tertiary degree</li> <li>• <b>Poverty / social exclusion:</b> 20 million less people should be at risk of poverty</li> </ul> <p>To reach these targets, 7 flagship initiatives are in place:</p> <ul style="list-style-type: none"> <li>• <i>Innovation Union</i></li> <li>• <i>Youth on the move</i></li> <li>• <i>A digital agenda for Europe</i></li> <li>• <i>Resource efficient Europe</i></li> <li>• <i>An industrial policy for the globalisation era</i></li> <li>• <i>An agenda for new skills and jobs</i></li> <li>• <i>European platform against poverty</i></li> </ul>
Governance cycle	Every year
Main documents for implementation at the national level	<ul style="list-style-type: none"> <li>• <b>Stability / convergence programmes</b></li> <li>• <b>National reform programmes</b></li> </ul>
Ministries responsible at the national level	Ministries of Economic Affairs and/or Ministries of Finance (in most cases)

Source: Pisano et al., 2011

## 2.2 The analysis of the SDGs

We mainly used two sources in our analysis, both published by EUROSTAT in 2013: the **Eurostat Monitoring Report of the EU SDS**<sup>19</sup> and the **Europe 2020 strategy monitoring report**<sup>20</sup>. These two sources represent for us the **EU SD Indicators Framework** that we refer to in the whole analysis. Additionally, we also used the Eurostat website for more information. All information about the EU's performance is retrieved from the above-mentioned sources and deliberately used here to provide readers with an understanding of the SDGs themes as treated in the European context.

As explained by Eurostat, the set of the EU SDS Indicators distinguishes between three levels of indicators:

- **Headline (or level 1) indicators** monitors the 'overall objectives' related to the seven key challenges of the EU SDS. On the whole they are widely used indicators with a high communicative and educational value. They are robust and available for most EU Member States, generally for a period of at least five years.
- The **second level** consists in most cases of indicators related to the 'operational objectives' of the Strategy. They are the lead indicators in their respective sub-themes. They are robust and available for most EU Member States for a period of at least three years.

<sup>19</sup> EUROSTAT. 2013. Sustainable development in the European Union. 2013 monitoring report of the EU sustainable development strategy. Luxembourg: Publications Office of the European Union.

<sup>20</sup> EUROSTAT. 2013. Smarter, greener, more inclusive? Indicators to support the Europe 2020 strategy. Luxembourg: Publications Office of the European Union.



- The **third level** consists of indicators related to actions described in the strategy or to other issues, which are useful for analysing progress towards its objectives.

Eurostat also adds that **contextual indicators** are used and are part of the SDI set, but either do not directly monitor a particular SDS objective, or they are not policy responsive. Generally, they are difficult to interpret in a normative way. They are included because they provide valuable background information on issues that have direct relevance to sustainable development policies and are helpful to gaining an understanding of the topic.

When reading the **list of SDG targets** of the zero draft, one can immediately see that such targets are presented on two levels and are described by two digits: the number of the SDG followed by either a number (i.e. target 1.3) or by a letter (i.e. target 2.b). We noted a different approach among the two types: on the one hand, numbered targets seem to be more specific, precise and with clear timelines; on the other hand, targets with letters seem to have a broader approach and are more open to interpretation. Therefore, we will address the ‘numbered targets’ more specifically, and will call them as ‘**level 1**’ targets. We will still provide a general overview of the other targets that we will call ‘**level 2**’ targets, but without going in too much detail.

Another consideration to take into account is that several of these zero draft targets **do not directly apply to the European context**, as they are either more focused on developing countries or consider issues that have been already largely tackled in the EU. We will try to address such issues in the description of each SDG area.

In the following figure 2.1, we portray the entire analysis we performed and we indicate (i) when a SDGs target has a clear correspondence in the EUSDIs framework (**in colour green**), (ii) when there is only an implicit relation (**colour grey**), and (iii) when there is no correspondence the cell has not been coloured.

**Figure 2.1: The SDGs targets and the EU SD indicator framework**

SDGs	Targets
Goal 1. End poverty in all its forms everywhere	1.1 by 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day
	1.2 by 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions
	1.3 implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable
	1.4 by 2030 ensure that all men and women, particularly the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership, and control over land and other forms of property, inheritance, natural resources, appropriate new technology, and financial services including microfinance
	1.5 by 2030 build the resilience of the poor and those in vulnerable situations, and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters
	1.a. ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation to provide adequate and predictable means for developing countries, in particular LDCs, to implement programmes and policies to end poverty in all its dimensions
	1.b create sound policy frameworks, at national, regional and international levels, based on pro-poor and gender-sensitive development strategies to support accelerated investments in poverty eradication actions
Goal 2. End hunger, achieve food security and	2.1 by 2030 end hunger and ensure access by all people, in particular the poor and people in vulnerable situations including infants, to safe, nutritious and sufficient food all year round
	2.2 by 2030 end all forms of malnutrition, including achieving by 2025 the internationally agreed targets on stunting and wasting in children under five years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women, and older persons

improved nutrition, and promote sustainable agriculture	2.3 by 2030 double the agricultural productivity and the incomes of small-scale food producers, particularly women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets, and opportunities for value addition and non-farm employment
	2.4 by 2030 ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters, and that progressively improve land and soil quality
	2.5 by 2020 maintain genetic diversity of seeds, cultivated plants, farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at national, regional and international levels, and ensure access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge as internationally agreed
	2.a increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development, and plant and livestock gene banks to enhance agricultural productive capacity in developing countries, in particular in least developed countries
	2.b. correct and prevent trade restrictions and distortions in world agricultural markets including by the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round
	2.c. adopt measures to ensure the proper functioning of food commodity markets and their derivatives, and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility
Goal 3. Ensure healthy lives and promote well-being for all at all ages	3.1 by 2030 reduce the global maternal mortality ratio to less than 70 per 100,000 live births
	3.2 by 2030 end preventable deaths of newborns and under-five children
	3.3 by 2030 end the epidemics of AIDS, tuberculosis, malaria, and neglected tropical diseases and combat hepatitis, water-borne diseases, and other communicable diseases
	3.4 by 2030 reduce by one-third pre-mature mortality from non-communicable diseases (NCDs) through prevention and treatment, and promote mental health and wellbeing
	3.5 strengthen prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol
	3.6 by 2020 halve global deaths and injuries from road traffic accidents
	3.7 by 2030 ensure universal access to sexual and reproductive health care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes
	3.8 achieve universal health coverage (UHC), including financial risk protection, access to quality essential health care services, and access to safe, effective, quality, and affordable essential medicines and vaccines for all
	3.9 by 2030 substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination
	3.a strengthen implementation of the Framework Convention on Tobacco Control in all countries as appropriate
	3.b support research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration which affirms the right of developing countries to use to the full the provisions in the TRIPS agreement regarding flexibilities to protect public health and, in particular, provide access to medicines for all
	3.c increase substantially health financing and the recruitment, development and training and retention of the health workforce in developing countries, especially in LDCs and SIDS
Goal 4. Ensure inclusive and equitable quality education and promote life-long learning opportunities for all	3.d strengthen the capacity of all countries, particularly developing countries, for early warning, risk reduction, and management of national and global health risks
	4.1 by 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes
	4.2 by 2030 ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education
	4.3 by 2030 ensure equal access for all women and men to affordable quality technical, vocational and tertiary education, including university
	4.4 by 2030, increase by x% the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship
	4.5 by 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples, and children in vulnerable situations
	4.6 by 2030 ensure that all youth and at least x% of adults, both men and women, achieve literacy and numeracy

	<p>4.7 by 2030 ensure all learners acquire knowledge and skills needed to promote sustainable development, including among others through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship, and appreciation of cultural diversity and of culture's contribution to sustainable development</p> <p>4.a build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all</p> <p>4.b by 2020 expand by x% globally the number of scholarships for developing countries in particular LDCs, SIDS and African countries to enrol in higher education, including vocational training, ICT, technical, engineering and scientific programmes in developed countries and other developing countries</p> <p>4.c by 2030 increase by x% the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially LDCs and SIDS</p>
<b>Goal 5. Achieve gender equality and empower all women and girls</b>	<p>5.1 end all forms of discrimination against all women and girls everywhere</p> <p>5.2 eliminate all forms of violence against all women and girls in public and private spheres, including trafficking and sexual and other types of exploitation</p> <p>5.3 eliminate all harmful practices, such as child, early and forced marriage and female genital mutilations</p> <p>5.4 recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies, and the promotion of shared responsibility within the household and the family as nationally appropriate</p> <p>5.5 ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic, and public life</p> <p>5.6 ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the ICPD and the Beijing Platform for Action and the outcome documents of their review conferences</p> <p>5.a undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance, and natural resources in accordance with national laws</p> <p>5.b enhance the use of enabling technologies, in particular ICT, to promote women's empowerment</p> <p>5.c adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels</p>
<b>Goal 6. Ensure availability and sustainable management of water and sanitation for all</b>	<p>6.1 by 2030, achieve universal and equitable access to safe and affordable drinking water for all</p> <p>6.2 by 2030, achieve access to adequate and equitable sanitation and hygiene for all, and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations</p> <p>6.3 by 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and increasing recycling and safe reuse by x% globally</p> <p>6.4 by 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity, and substantially reduce the number of people suffering from water scarcity</p> <p>6.5 by 2030 implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</p> <p>6.6 by 2020 protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes</p> <p>6.a by 2030, expand international cooperation and capacity-building support to developing countries in water and sanitation related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies</p> <p>6.b support and strengthen the participation of local communities for improving water and sanitation management</p>
<b>Goal 7. Ensure access to affordable, reliable, sustainable, and modern energy for all</b>	<p>7.1 by 2030 ensure universal access to affordable, reliable, and modern energy services</p> <p>7.2 increase substantially the share of renewable energy in the global energy mix by 2030</p> <p>7.3 double the global rate of improvement in energy efficiency by 2030</p> <p>7.a by 2030 enhance international cooperation to facilitate access to clean energy research and technologies, including renewable energy, energy efficiency, and advanced and cleaner fossil fuel technologies, and promote investment in energy infrastructure and clean energy technologies</p> <p>7.b by 2030 expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, particularly LDCs and SIDS</p>
<b>Goal 8. Promote sustained, inclusive and</b>	<p>8.1 sustain per capita economic growth in accordance with national circumstances, and in particular at least 7% per annum GDP growth in the least-developed countries</p> <p>8.2 achieve higher levels of productivity of economies through diversification, technological upgrading and innovation, including through a focus on high value added and labour-intensive</p>

sustainable economic growth, full and productive employment and decent work for all	sectors
	8.3 promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage formalization and growth of micro-, small- and medium-sized enterprises including through access to financial services
	8.4 improve progressively through 2030 global resource efficiency in consumption and production, and endeavour to decouple economic growth from environmental degradation in accordance with the 10-year framework of programmes on sustainable consumption and production with developed countries taking the lead
	8.5 by 2030 achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value
	8.6 by 2020 substantially reduce the proportion of youth not in employment, education or training
	8.7 take immediate and effective measures to secure the prohibition and elimination of the worst forms of child labour, eradicate forced labour, and by 2025 end child labour in all its forms including recruitment and use of child soldiers
	8.8 protect labour rights and promote safe and secure working environments of all workers, including migrant workers, particularly women migrants, and those in precarious employment
	8.9 by 2030 devise and implement policies to promote sustainable tourism which creates jobs, promotes local culture and products
	8.10 strengthen the capacity of domestic financial institutions to encourage and to expand access to banking, insurance and financial services for all
	8.a increase Aid for Trade support for developing countries, particularly LDCs, including through the Enhanced Integrated Framework for LDCs
	8.b by 2020 develop and operationalize a global strategy for youth employment and implement the ILO Global Jobs Pact
Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	9.1 develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all
	9.2 promote inclusive and sustainable industrialization, and by 2030 raise significantly industry's share of employment and GDP in line with national circumstances, and double its share in LDCs
	9.3 increase the access of small-scale industrial and other enterprises, particularly in developing countries, to financial services including affordable credit and their integration into value chains and markets
	9.4 by 2030 upgrade infrastructure and retrofit industries to make them sustainable, with increased resource use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, all countries taking action in accordance with their respective capabilities
	9.5 enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, particularly developing countries, including by 2030 encouraging innovation and increasing the number of R&D workers per one million people by x% and public and private R&D spending
	9.a facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, LDCs, LLDCs and SIDS
	9.b support domestic technology development, research and innovation in developing countries including by ensuring a conducive policy environment for inter alia industrial diversification and value addition to commodities
	9.c significantly increase access to ICT and strive to provide universal and affordable access to internet in LDCs by 2020
Goal 10. Reduce inequality within and among countries	<b>10.1 by 2030 progressively achieve and sustain income growth of the bottom 40% of the population at a rate higher than the national average</b>
	10.2 by 2030 empower and promote the social, economic and political inclusion of all irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status
	10.3 ensure equal opportunity and reduce inequalities of outcome, including through eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and actions in this regard
	<b>10.4 adopt policies especially fiscal, wage, and social protection policies and progressively achieve greater equality</b>
	10.5 improve regulation and monitoring of global financial markets and institutions and strengthen implementation of such regulations
	10.6 ensure enhanced representation and voice of developing countries in decision making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions
	10.7 facilitate orderly, safe, regular and responsible migration and mobility of people, including through implementation of planned and well-managed migration policies
	10.a implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with WTO agreements

	10.b encourage ODA and financial flows, including foreign direct investment, to states where the need is greatest, in particular LDCs, African countries, SIDS, and LLDCs, in accordance with their national plans and programmes
	10.c by 2030, reduce to less than 3% the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5%
<b>Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b>	11.1 by 2030, ensure access for all to adequate, safe and affordable housing and basic services, and upgrade slums
	11.2 by 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons
	11.3 by 2030 enhance inclusive and sustainable urbanization and capacities for participatory, integrated and sustainable human settlement planning and management in all countries
	11.4 strengthen efforts to protect and safeguard the world's cultural and natural heritage
	11.5 by 2030 significantly reduce the number of deaths and the number of affected people and decrease by y% the economic losses relative to GDP caused by disasters, including water-related disasters, with the focus on protecting the poor and people in vulnerable situations
	11.6 by 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality, municipal and other waste management
	11.7 by 2030, provide universal access to safe, inclusive and accessible, green and public spaces, particularly for women and children, older persons and persons with disabilities
	11.a support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning
	11.b by 2020, increase by x% the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, develop and implement in line with the forthcoming Hyogo Framework holistic disaster risk management at all levels
	11.c support least developed countries, including through financial and technical assistance, for sustainable and resilient buildings utilizing local materials
<b>Goal 12. Ensure sustainable consumption and production patterns</b>	12.1 implement the 10-Year Framework of Programmes on sustainable consumption and production (10YFP), all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries
	12.2 by 2030 achieve sustainable management and efficient use of natural resources
	12.3 by 2030 halve per capita global food waste at the retail and consumer level, and reduce food losses along production and supply chains including post-harvest losses
	12.4 by 2020 achieve environmentally sound management of chemicals and all wastes throughout their life cycle in accordance with agreed international frameworks and significantly reduce their release to air, water and soil to minimize their adverse impacts on human health and the environment
	12.5 by 2030, substantially reduce waste generation through prevention, reduction, recycling, and reuse
	12.6 encourage companies, especially large and trans-national companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle
	12.7 promote public procurement practices that are sustainable in accordance with national policies and priorities
	12.8 by 2030 ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature
	12.a support developing countries to strengthen their scientific and technological capacities to move towards more sustainable patterns of consumption and production
	12.b develop and implement tools to monitor sustainable development impacts for sustainable tourism which creates jobs, promotes local culture and products
	12.c rationalize inefficient fossil fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with national circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of developing countries and minimizing the possible adverse impacts on their development in a manner that protects the poor and the affected communities
<b>Goal 13. Take urgent action to combat climate change and its</b>	13.1 strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries
	13.2 integrate climate change measures into national policies, strategies, and planning
	13.3 improve education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction, and early warning



<b>impacts</b>	13.a implement the commitment undertaken by developed country Parties to the UNFCCC to a goal of mobilizing jointly USD100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible
	13.b Promote mechanisms for raising capacities for effective climate change related planning and management, in LDCs, including focusing on women, youth, local and marginalized communities
<b>Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development</b>	14.1 by 2025, prevent and significantly reduce marine pollution of all kinds, particularly from land-based activities, including marine debris and nutrient pollution
	14.2 by 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration, to achieve healthy and productive oceans
	14.3 minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels
	14.4 by 2020, effectively regulate harvesting, and end overfishing, illegal, unreported and unregulated (IUU) fishing and destructive fishing practices and implement science-based management plans, to restore fish stocks in the shortest time feasible at least to levels that can produce maximum sustainable yield as determined by their biological characteristics
	14.5 by 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on best available scientific information
	14.6 by 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, and eliminate subsidies that contribute to IUU fishing, and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the WTO fisheries subsidies negotiation *
	14.7 by 2030 increase the economic benefits to SIDS and LDCs from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism
	14.a increase scientific knowledge, develop research capacities and transfer marine technology taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity to the development of developing countries, in particular SIDS and LDCs
	14.b provide access of small-scale artisanal fishers to marine resources and markets
	14.c ensure the full implementation of international law, as reflected in UNCLOS for states parties to it, including, where applicable, existing regional and international regimes for the conservation and sustainable use of oceans and their resources by their parties
<b>Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b>	15.1 by 2020 ensure conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements
	15.2 by 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests, and increase afforestation and reforestation by x% globally
	15.3 by 2020, combat desertification, and restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land-degradation neutral world
	15.4 by 2030 ensure the conservation of mountain ecosystems, including their biodiversity, to enhance their capacity to provide benefits which are essential for sustainable development
	15.5 take urgent and significant action to reduce degradation of natural habitat, halt the loss of biodiversity, and by 2020 protect and prevent the extinction of threatened species
	15.6 ensure fair and equitable sharing of the benefits arising from the utilization of genetic resources, and promote appropriate access to genetic resources
	15.7 take urgent action to end poaching and trafficking of protected species of flora and fauna, and address both demand and supply of illegal wildlife products
	15.8 by 2020 introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems, and control or eradicate the priority species
	15.9 by 2020, integrate ecosystems and biodiversity values into national and local planning, development processes and poverty reduction strategies, and accounts
	15.a mobilize and significantly increase from all sources financial resources to conserve and sustainably use biodiversity and ecosystems
	15.b mobilize significantly resources from all sources and at all levels to finance sustainable forest management, and provide adequate incentives to developing countries to advance sustainable forest management, including for conservation and reforestation
	15.c enhance global support to efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities

<b>Goal 16.</b> <b>Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</b>	16.1 significantly reduce all forms of violence and related death rates everywhere
	16.2 end abuse, exploitation, trafficking and all forms of violence and torture against children
	16.3 promote the rule of law at the national and international levels, and ensure equal access to justice for all
	16.4 by 2030 significantly reduce illicit financial and arms flows, strengthen recovery and return of stolen assets, and combat all forms of organized crime
	16.5 substantially reduce corruption and bribery in all its forms
	16.6 develop effective, accountable and transparent institutions at all levels
	16.7 ensure responsive, inclusive, participatory and representative decision-making at all levels
	16.8 broaden and strengthen the participation of developing countries in the institutions of global governance
	16.9 by 2030 provide legal identity for all including birth registration
	16.10 ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements
	16.a strengthen relevant national institutions, including through international cooperation, for building capacities at all levels, in particular in developing countries, for preventing violence and combating terrorism and crime
	16.b promote and enforce non-discriminatory laws and policies for sustainable development
<b>Goal 17.</b> <b>Strengthen the means of implementation and revitalize the global partnership for sustainable development</b>	<b>Finance</b>
	17.1 strengthen domestic resource mobilization, including through international support to developing countries to improve domestic capacity for tax and other revenue collection
	17.2 developed countries to implement fully their ODA commitments, including to provide 0.7% of GNI in ODA to developing countries of which 0.15-0.20% to least-developed countries
	17.3 mobilize additional financial resources for developing countries from multiple sources
	17.4 assist developing countries in attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries (HIPC) to reduce debt distress
	17.5 adopt and implement investment promotion regimes for LDCs
	<b>Technology</b>
	17.6 enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation, and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, particularly at UN level, and through a global technology facilitation mechanism when agreed
	17.7 promote development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed
	17.8 fully operationalize the Technology Bank and STI (Science, Technology and Innovation) capacity building mechanism for LDCs by 2017, and enhance the use of enabling technologies in particular ICT
	<b>Capacity building</b>
	17.9 enhance international support for implementing effective and targeted capacity building in developing countries to support national plans to implement all sustainable development goals, including through North-South, South-South, and triangular cooperation
	<b>Trade</b>
	17.10 promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the WTO including through the conclusion of negotiations within its Doha Development Agenda
	17.11 increase significantly the exports of developing countries, in particular with a view to doubling the LDC share of global exports by 2020
	17.12 realize timely implementation of duty-free, quota-free market access on a lasting basis for all least developed countries consistent with WTO decisions, including through ensuring that preferential rules of origin applicable to imports from LDCs are transparent and simple, and contribute to facilitating market access
	<b>Systemic issues</b>
	<b>Policy and institutional coherence</b>
	17.13 enhance global macroeconomic stability including through policy coordination and policy coherence



	17.14 enhance policy coherence for sustainable development
	17.15 respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development
	<b>Multi-stakeholder partnerships</b>
	17.16 enhance the global partnership for sustainable development complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technologies and financial resources to support the achievement of sustainable development goals in all countries, particularly developing countries
	17.17 encourage and promote effective public, public-private, and civil society partnerships, building on the experience and resourcing strategies of partnerships
	<b>Data, monitoring and accountability</b>
	17.18 by 2020, enhance capacity building support to developing countries, including for LDCs and SIDS, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts
	17.19 by 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement GDP, and support statistical capacity building in developing countries

Each of the following sections includes a table showing the SDG, its proposed targets and the respective link with one or more indicators in the EU SDIs framework. Please consider that: (i) when the cell has a dash symbol '–', the target cannot be related to the EU SDIs framework; (ii) when an indicator is in brackets it means that they are only implicitly related with the respective SDG target; and (iii) when an indicator is included, this means that we found a connection.

## SDG 1: End poverty in all its forms everywhere

The first SDG comprises five 'level 1' targets and two 'level 2' targets. Only two out of five 'level 1' targets suggested for the first SDG are currently expressed by EU SD Indicators, namely: targets 1.2 and 1.4. The 'level 1' targets on the topics **Extreme poverty**<sup>21</sup> (target 1.1) and **social protection systems** (target 1.3) do not seem included in the EU SD framework, as both issues have been already addressed in Europe. Concerning, the two 'level 2' targets indicated with letters (a) and (b), reference can be implicitly made to the European indicator 'Bilateral official development assistance by category'. Among others, it is very interesting to note that under this SDG (see target 1.5), there is the consideration of climate change in relation with the most vulnerable part of society: the poor.

**Table 2.1: Targets of SDG 1**

SDG	Targets	EU SDIs Framework
<b>Goal 1. End poverty in all its forms everywhere</b>	1.1 by 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day	-
	1.2 by 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions	<b>People at-risk-of-poverty or social exclusion</b>
	1.3 implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable	-
	1.4 by 2030 ensure that all men and women, particularly the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership, and control over land and other forms of property, inheritance, natural resources, appropriate new technology, and financial services including microfinance	<b>(Severely materially deprived people)</b>
	1.5 by 2030 build the resilience of the poor and those in vulnerable situations, and reduce their exposure and vulnerability to climate-related	-

<sup>21</sup> Defined by the World Bank as living on less than US\$ 1.25 per day

	extreme events and other economic, social and environmental shocks and disasters	
	1.a. ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation to provide adequate and predictable means for developing countries, in particular LDCs, to implement programmes and policies to end poverty in all its dimensions	(Bilateral official development assistance by category)
	1.b create sound policy frameworks, at national, regional and international levels, based on pro-poor and gender-sensitive development strategies to support accelerated investments in poverty eradication actions	-

Concerning Target 1.4, we show in the table that the EU indicator ‘Severely materially deprived people’ can only be implicitly related to it. However, measuring poverty and social exclusion is done following a multidimensional approach through a broad ‘**At-risk-of-poverty or social exclusion**’ indicator to serve the purposes of the Europe 2020 strategy. This approach measures three forms of poverty: monetary poverty, severe material deprivation and lack of access to jobs.

In relation to the first SDG, Eurostat points out that in the EU, the number of people at risk of poverty or social exclusion has risen since 2008 growing by 8.7 million people – from 115.7 million to 124.4 million. This number had been falling between 2005 and 2009, but started rising again due to the economic crisis. The 124.4 million people at risk of poverty and social exclusion in the EU in 2012 translate into a 25% share of the total population: one fourth of the EU population experienced at least one form of poverty covered by the theme’s headline indicator, namely monetary poverty, severe material deprivation and lack of access to jobs. The report then concluded that the “current levels of poverty and social exclusion jeopardise the Europe 2020 strategy’s target for poverty alleviation, which aims to lift at least 20 million people out of the risk of poverty and social exclusion by 2020”.

## SDG 2: End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

The SDG 2 includes five ‘level 1’ targets and three ‘level 2’ targets. Out of five ‘level 1’ targets, two do not have a European counterpart, as they do not seem to clearly apply to EU circumstances, namely targets on malnutrition (target 2.2) and on agricultural productivity of small-scale food producers (target 2.3). In addition, SDG ‘target 2.1’ is somehow loosely addressed by the EU Indicator ‘**Severely materially deprived people**’, which is one of three components of the Europe 2020 strategy’s headline indicator ‘People at risk of poverty or social exclusion’. Severely materially deprived people are living in conditions severely constrained by a lack of resources: among other issues, these people cannot afford *eating meat, fish or a protein equivalent every second day*. In this regard, Eurostat reports that a further 9.6 million people were living in conditions severely constrained by a lack of resources between 2008 and 2012, making ‘Severe material deprivation’ the second most prevalent form of poverty in the EU.

Table 2.2: Targets of SDG 2

SDG	Targets	EU SDIs Framework
Goal 2. End hunger, achieve food security and improved nutrition, and	2.1 by 2030 end hunger and ensure access by all people, in particular the poor and people in vulnerable situations including infants, to safe, nutritious and sufficient food all year round	(Severely materially deprived people)
	2.2 by 2030 end all forms of malnutrition, including achieving by 2025 the internationally agreed targets on stunting and wasting in children under five years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women, and older persons	-
	2.3 by 2030 double the agricultural productivity and the incomes of small-scale food producers, particularly women, indigenous peoples, family	-

promote sustainable agriculture	farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets, and opportunities for value addition and non-farm employment	
	2.4 by 2030 ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters, and that progressively improve land and soil quality	Area under organic farming
	2.5 by 2020 maintain genetic diversity of seeds, cultivated plants, farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at national, regional and international levels, and ensure access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge as internationally agreed	Farmland bird index
	2.a increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development, and plant and livestock gene banks to enhance agricultural productive capacity in developing countries, in particular in least developed countries	(Bilateral official development assistance by category)
	2.b. correct and prevent trade restrictions and distortions in world agricultural markets including by the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round	Aggregated measurement of support for agriculture
	2.c. adopt measures to ensure the proper functioning of food commodity markets and their derivatives, and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility	-

SDG targets 2.4 and 2.5 can be more clearly related to EU SD indicators '**Area under organic farming**' and to the '**Farmland bird index**'. In EU, the agricultural area under organic cultivation increased continuously by 1.9 percentage points during the period 2005 to 2011. Currently, the EU is among the world leaders with regard to organic farming outperforming by far several G20 countries. At the same time, between 2000 and 2011, farmland birds continued to decrease dramatically and reached an all-time low in 2010. Between 1990 and 2000, the farmland bird index declined by about 1.4% per year on average, then dropping by 5.6 percentage points between 2000 and 2011. As Eurostat reports, "recent evidence indicates that changes in agricultural methods, intensification and specialisation are largely responsible for farmland bird declines in Northern and Western Europe<sup>22</sup>. (...) These changes are linked to the EU's Common Agriculture Policy, which has been cited as providing harmful subsidies" (Eurostat, 2013a, p.222).

Finally, 'target 2.a' seems loosely addressed by EU indicator '**Bilateral official development assistance by category**'. Also 'target 2.b' could be associated to the EU Indicator '**Aggregated measurement of support for agriculture**' that, as observed by Eurostat, shows how in recent years the EU reduced trade-related subsidies for agriculture. Finally, we could not find any European counterpart with SDG target 2.c.

### SDG 3: Ensure healthy lives and promote well-being for all at all ages

Nine 'level 1' targets and four 'level 2' targets describe further the third SDG on **health** and **well-being**. Only one 'level 1' target is clearly addressed within the EU SD indicators framework. SDG target 3.6 is in fact considered by Eurostat's indicator '**People killed in road accidents**'. With respect to this indicator, between 2001 and 2011, a 44.3 % drop in the number of people killed in road accidents has been registered in the EU by Eurostat, which showed the progress achieved.

<sup>22</sup> BirdLife International (2013) *Europe-wide monitoring schemes highlight declines in widespread farmland birds*. Presented as part of the BirdLife State of the world's birds website Available from: [www.birdlife.org/datazone/sowb/casestudy/62](http://www.birdlife.org/datazone/sowb/casestudy/62)

However, as Eurostat reported, the EU has not been able to meet the goal of halving the number of fatalities, as set in the European Road Safety Action Programme 2001–2010.

Table 2.3: Targets of SDG 3

SDG	Targets	EU SDIs Framework
Goal 3. Ensure healthy lives and promote well-being for all at all ages	3.1 by 2030 reduce the global maternal mortality ratio to less than 70 per 100,000 live births	-
	3.2 by 2030 end preventable deaths of newborns and under-five children	-
	3.3 by 2030 end the epidemics of AIDS, tuberculosis, malaria, and neglected tropical diseases and combat hepatitis, water-borne diseases, and other communicable diseases	-
	3.4 by 2030 reduce by one-third pre-mature mortality from non-communicable diseases (NCDs) through prevention and treatment, and promote mental health and wellbeing	-
	3.5 strengthen prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol	-
	3.6 by 2020 halve global deaths and injuries from road traffic accidents	People killed in road accidents
	3.7 by 2030 ensure universal access to sexual and reproductive health care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes	-
	3.8 achieve universal health coverage (UHC), including financial risk protection, access to quality essential health care services, and access to safe, effective, quality, and affordable essential medicines and vaccines for all	-
	3.9 by 2030 substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination	(Index of production of toxic chemicals, by toxicity class)
	3.a strengthen implementation of the Framework Convention on Tobacco Control in all countries as appropriate	-
	3.b support research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration which affirms the right of developing countries to use to the full the provisions in the TRIPS agreement regarding flexibilities to protect public health and, in particular, provide access to medicines for all	-
	3.c increase substantially health financing and the recruitment, development and training and retention of the health workforce in developing countries, especially in LDCs and SIDS	-
	3.d strengthen the capacity of all countries, particularly developing countries, for early warning, risk reduction, and management of national and global health risks	-

Somehow related to the SDG target 3.9 is the EU SD indicator '*Production of toxic chemicals*' that expresses the EUSDS objective of 'Ensuring that by 2020 chemicals, including pesticides, are produced, handled and used in ways that do not pose significant threats to human health and the environment'. In this context, the EU adopted the Regulation for the registration, evaluation, authorisation and restriction of chemicals (REACH) that entered into force in 2007.

Concerning the SDG targets 3a, 3b, 3c, 3d, we could not find an appropriate pairing within the EU SD indicators framework. Finally, we had the impression the whole list of targets related to the third SDG are not really well addressed to European circumstances and context.

## SDG 4: Ensure inclusive and equitable quality education and promote life-long learning opportunities for all

Table 2.4: Targets of SDG 4

SDG	Targets	EU SDIs Framework
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Goal 4. Ensure inclusive and equitable quality education and promote life-long learning opportunities for all	4.1 by 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes	(Early leavers from education and training)
	4.2 by 2030 ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education	Participation in early childhood education
	4.3 by 2030 ensure equal access for all women and men to affordable quality technical, vocational and tertiary education, including university	(Tertiary educational attainment, by sex, age group 30-34)
	4.4 by 2030, increase by x% the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship	(Lifelong learning)
	4.5 by 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples, and children in vulnerable situations	-
	4.6 by 2030 ensure that all youth and at least x% of adults, both men and women, achieve literacy and numeracy	(Low reading literacy performance of pupils)
	4.7 by 2030 ensure all learners acquire knowledge and skills needed to promote sustainable development, including among others through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship, and appreciation of cultural diversity and of culture's contribution to sustainable development	-
	4.a build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all	-
	4.b by 2020 expand by x% globally the number of scholarships for developing countries in particular LDCs, SIDS and African countries to enrol in higher education, including vocational training, ICT, technical, engineering and scientific programmes in developed countries and other developing countries	(Bilateral official development assistance by category )
	4.c by 2030 increase by x% the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially LDCs and SIDS	-

The fourth SDG comprehends seven 'level 1' targets and three 'level 2' targets. Almost all targets seem reflected within the EU SD indicators framework and, especially, in the **Europe 2020 strategy**, which has one of its headline targets addressing education and life-long learning, namely: (i) Reducing early school leavers to less 10%; (ii) At least 40% of 30-34 year-olds completing third level education. The two Europe 2020 targets are embedded in the broader [Strategic Framework for Education and Training 2020 \(ET 2020\)](#), which covers the areas of life-long learning and mobility; quality and efficiency of education and training; equity, social cohesion and active citizenship; creativity, innovation and entrepreneurship at all levels of education and training.

For instance, the Europe 2020's headline indicator '**Early leavers from education and training**' shows the share of the population aged 18 to 24 with at most lower secondary education and not in further education or training. Eurostat reports that since 2000 the share of early leavers from education and training has fallen continuously. Eurostat also shows that, in 2012, ten countries had already achieved their targets whilst Portugal and Spain were the furthest away by some 10 percentage points. Concerning the second of the two Europe 2020 education targets – on **tertiary education** – in the period 2000-2012, Eurostat reports a steady and considerable growth in the share of 30 to 34 year olds who have successfully completed university or university-like (tertiary-level) education, reaching the percentage of 35,8 %. At the same time, Eurostat shows how in

2012 women outnumbered men significantly in terms of tertiary education in all Member States except Luxembourg.

However, only one out of seven ‘level 1’ targets can be clearly associated with an EU SD Indicator, namely we found a coherent match only between target 4.2 and EU SD Indicator ‘Participation in early childhood education’. Concerning ‘level 2’ targets, there is no clear link to the EU SDIs framework.

Among others, we want to highlight target 4.1 **“by 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes”**: what is meant by ‘free’ education? This seems to have the potential to induce enormous changes in every country around the world, when primary and secondary education are made free for everybody. Another potentially very interesting and particularly effective target is number 4.7 that concentrates on ensuring by 2030 that **“all learners acquire knowledge and skills needed to promote sustainable development (...)”**, which, we believe, could help create new generations of world citizens more attentive to sustainability key issues.

### SDG 5: Achieve gender equality and empower all women and girls

SDG 5 is further elaborated through six ‘level 1’ targets and three ‘level 2’ targets. Almost all SDG 5 targets seem to more relevant for developing countries than the European context. **No clear connection** is to be seen between the two frameworks.

Table 2.5: Targets of SDG 5

SDG	Targets	EU SDIs Framework
Goal 5. Achieve gender equality and empower all women and girls	5.1 end all forms of discrimination against all women and girls everywhere	(Gender pay gap in unadjusted form)
	5.2 eliminate all forms of violence against all women and girls in public and private spheres, including trafficking and sexual and other types of exploitation	-
	5.3 eliminate all harmful practices, such as child, early and forced marriage and female genital mutilations	-
	5.4 recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies, and the promotion of shared responsibility within the household and the family as nationally appropriate	-
	5.5 ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic, and public life	-
	5.6 ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the ICPD and the Beijing Platform for Action and the outcome documents of their review conferences	-
	5.a undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance, and natural resources in accordance with national laws	-
	5.b enhance the use of enabling technologies, in particular ICT, to promote women’s empowerment	-
	5.c adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels	- <sup>(23)</sup>

<sup>23</sup> This is not really addressed, but we could find some references to this target in the Eurostat Monitoring Report



However, in many ways European policies and the EU SD indicators framework take particular attention to the situation of women in the EU. For this reason, we have the impression that SDG 5's target 5.1 can be therefore associated to the European context, although rather implicitly. For instance, by using the indicator '**Gender pay gap in unadjusted form**', Eurostat explains the gap between women's and men's earnings and reflects on one of the operational objectives and targets of the EU Sustainable Development Strategy under the Key Challenge 'Social inclusion, demography and migration' with the intention of *significantly increasing the labour market participation of women*. Eurostat shows that, between 2006 and 2011, the gap between women and men's earnings fell continuously in the EU. However, hourly gross earnings of women were still 16.2 % lower than those of men in 2011. Compared with the EU average, Eurostat also explains that women remain the most affected group among those groups that are at a higher risk of poverty and social exclusion.

## SDG 6: Ensure availability and sustainable management of water and sanitation for all

SDG 6 is further described by six 'level 1' targets and two 'level 2' targets. Among all SDG 6 'level 1' targets, only two targets can be clearly associated to the EU SDIs framework. For instance, target 6.4 appears to be mirrored in the EU SD framework through the indicator "Water exploitation index". This indicator presents:

- the annual total fresh water abstraction in a country as a percentage of its long term average available water (LTAA) from renewable fresh water resources;
- the annual groundwater abstraction as a percentage of the country's long-term annual average groundwater available for abstraction; and
- the annual surface water abstraction as a percentage of the country's long-term annual average surface water resources available for abstraction.

Table 2.6: Targets of SDG 6

SDG	Targets	EU SDIs Framework
Goal 6. Ensure availability and sustainable management of water and sanitation for all	6.1 by 2030, achieve universal and equitable access to safe and affordable drinking water for all	(Bilateral official development assistance by category)
	6.2 by 2030, achieve access to adequate and equitable sanitation and hygiene for all, and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations	(Bilateral official development assistance by category)
	6.3 by 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and increasing recycling and safe reuse by x% globally	Biochemical oxygen demand in rivers
	6.4 by 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity, and substantially reduce the number of people suffering from water scarcity	Water exploitation index
	6.5 by 2030 implement integrated water resources management at all levels, including through transboundary cooperation as appropriate	-
	6.6 by 2020 protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes	-
	6.a by 2030, expand international cooperation and capacity-building support to developing countries in water and sanitation related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies	(Bilateral official development assistance by category)
	6.b support and strengthen the participation of local communities for improving water and sanitation management	-



Currently, in the EU, water-related issues are mainly addressed by the [Water Framework Directive](#) that represents the main legal instrument for water policy. At the same time, in 2012, the EU Commission published the Communication '[A Blueprint to Safeguard Europe's Water Resources](#)' outlines actions that concentrate on better implementation of current water legislation, integration of water policy objectives into other policies, and filling the gaps in particular as regards water quantity and efficiency<sup>24</sup>. The Water Blueprint represents the water milestone of the [2011 Resource Efficiency Roadmap](#) of the Europe 2020 Strategy.

Of the two 'level 2' targets only target 6.a can be implicitly associated with the EU SD indicator '**Bilateral official development assistance by category**'.

### SDG 7: Ensure access to affordable, reliable, sustainable, and modern energy for all

SDG 7 is further described by three 'level 1' targets and two 'level 2' targets. In general, we can say that SDG 7 'level 1' targets are very well reflected within the EU system. Additionally, while target 7.b is not really applicable to EU circumstances as it is directed towards developing countries in particular, target 7.a does not appear considered in the EU SD indicators framework.

**Table 2.7: Targets of SDG 7**

SDG	Targets	EU SDIs Framework
Goal 7. Ensure access to affordable, reliable, sustainable, and modern energy for all	7.1 by 2030 ensure universal access to affordable, reliable, and modern energy services	-
	7.2 increase substantially the share of renewable energy in the global energy mix by 2030	Share of renewables in gross final energy consumption
	7.3 double the global rate of improvement in energy efficiency by 2030	Primary energy consumption
	7.a by 2030 enhance international cooperation to facilitate access to clean energy research and technologies, including renewable energy, energy efficiency, and advanced and cleaner fossil fuel technologies, and promote investment in energy infrastructure and clean energy technologies	-
	7.b by 2030 expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, particularly LDCs and SIDS	-

In 2009 - and then kept as key headline targets by the Europe 2020 Strategy – the EU endorsed the [climate and energy package](#) as a set of binding legislation in order to meet the so-called "**20-20-20**" targets by 2020:

- A 20% reduction in EU greenhouse gas emissions from 1990 levels;
- Raising the share of EU energy consumption produced from renewable resources to 20%;
- A 20% improvement in the EU's energy efficiency.

In addition, the EU proposed to increase its emissions reduction to 30% by 2020 if other major economies in the developed and developing worlds commit to undertake their fair share of a global emissions reduction effort<sup>25</sup>.

<sup>24</sup> For more information, refer to: [http://ec.europa.eu/environment/water/blueprint/index\\_en.htm](http://ec.europa.eu/environment/water/blueprint/index_en.htm)

<sup>25</sup> The European Commission has published a Communication analysing the options for moving beyond a 20% reduction by 2020 and assessing the risk of "carbon leakage". For more information, refer to: <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52010DC0265&from=EN>

With this in mind, while SDG target 7.1 does not really apply to the European context, ‘level 1’ targets 7.2 on **renewable energies** and 7.3 on **energy efficiency** are already monitored in EU by the respective indicators ‘**Share of renewables in gross final energy consumption**’ and ‘**Primary energy consumption**’.

In this regard, on the one hand, the EU saw a 4.9 percentage points increase in the share of renewables in gross final energy consumption between 2004 and 2011 reaching a share of 13% in 2011, which as Eurostat shows, *put the EU on track to reach its 2020 target*. On the other hand, with respect to energy efficiency, Eurostat reports that primary energy consumed in the EU in 2011 was 1.5 % less compared to 2000, but with a not-continuous trend. Although the EU is moving towards the 2020 target, as Eurostat showed, the recently achieved reduction in primary energy consumption is only partly due to efficiency improvements because it has also been linked to the low economic performances caused by the crises that slowed down primary energy demand.

### SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

SDG 8 comprises ten ‘level 1’ targets and two ‘level 2’ targets. Among the ten ‘level 1’ targets, we have the impression that three of them are not really relevant in the EU context (namely, targets 8.3, 8.7, 8.10). However, the 8th SDG and its targets are broadly very close to the EU context and particularly to the Europe 2020 strategy, which is working towards **smart, sustainable and inclusive growth**. Accordingly, the majority of these targets are already translated in the EU system.

For instance, with regard to target 8.2, the EU is measuring **Labour productivity**. Between 2000 and 2012, the EU experiences a 15 % increase in output per hour. However, Eurostat also reports two main points: first, this continuous increase in labour productivity *stalled during the economic downturn before picking up again slowly in 2010*. Secondly, while productivity levels grew in all Member States, this measure varied very much across Europe. A second example is target 8.4, which is again largely mirrored in the EU context through one of Europe 2020 strategy’s flagship initiatives dedicated to resource efficiency. The indicator used in the European context is ‘**Resource productivity**’. Eurostat shows that the EU has achieved almost a 20% increase in resource productivity between 2000 and 2011, mainly driven by a fall in the consumption of non-metallic materials by the construction sector, in large part connected with the effects of the recession.

Table 2.8: Targets of SDG 8

SDG	Targets	EU SDIs Framework
<b>Goal 8. Promote sustained, inclusive and sustainable economic growth, full</b>	8.1 sustain per capita economic growth in accordance with national circumstances, and in particular at least 7% per annum GDP growth in the least-developed countries	Real GDP per capita
	8.2 achieve higher levels of productivity of economies through diversification, technological upgrading and innovation, including through a focus on high value added and labour-intensive sectors	Real labour productivity growth per hour worked
	8.3 promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation,	-

<b>and productive employment and decent work for all</b>	and encourage formalization and growth of micro-, small- and medium-sized enterprises including through access to financial services	
	8.4 improve progressively through 2030 global resource efficiency in consumption and production, and endeavour to decouple economic growth from environmental degradation in accordance with the 10-year framework of programmes on sustainable consumption and production with developed countries taking the lead	<b>Resource productivity</b>
	8.5 by 2030 achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value	<b>Total employment rate</b>
	8.6 by 2020 substantially reduce the proportion of youth not in employment, education or training	<b>NEET</b>
	8.7 take immediate and effective measures to secure the prohibition and elimination of the worst forms of child labour, eradicate forced labour, and by 2025 end child labour in all its forms including recruitment and use of child soldiers	-
	8.8 protect labour rights and promote safe and secure working environments of all workers, including migrant workers, particularly women migrants, and those in precarious employment	<b>(Serious accidents at work)</b>
	8.9 by 2030 devise and implement policies to promote sustainable tourism which creates jobs, promotes local culture and products	-
	8.10 strengthen the capacity of domestic financial institutions to encourage and to expand access to banking, insurance and financial services for all	-
	8.a increase Aid for Trade support for developing countries, particularly LDCs, including through the Enhanced Integrated Framework for LDCs	<b>(EU imports from developing countries, by income group)</b>
	8.b by 2020 develop and operationalize a global strategy for youth employment and implement the ILO Global Jobs Pact	-

## SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

SDG 9 is further developed through five 'level 1' targets and three 'level 2' targets. Most of the targets either do not appear very relevant to the EU context, if not for those more related to fostering innovation, or do not appear clearly considered in the EU SD indicators framework.

**Table 2.9: Targets of SDG 9**

<b>SDG</b>	<b>Targets</b>	<b>EU SDIs Framework</b>
<b>Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</b>	9.1 develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all	-
	9.2 promote inclusive and sustainable industrialization, and by 2030 raise significantly industry's share of employment and GDP in line with national circumstances, and double its share in LDCs	-
	9.3 increase the access of small-scale industrial and other enterprises, particularly in developing countries, to financial services including affordable credit and their integration into value chains and markets	-
	9.4 by 2030 upgrade infrastructure and retrofit industries to make them sustainable, with increased resource use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, all countries taking action in accordance with their respective capabilities	-
	9.5 enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, particularly developing countries, including by 2030 encouraging innovation and increasing the number of R&D workers per one million people by x% and public and private R&D spending	<b>Total R&amp;D expenditure</b>
	9.a facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, LDCs, LLDCs and SIDS	<b>(Bilateral official development assistance by category )</b>
	9.b support domestic technology development, research and innovation in developing countries including by ensuring a conducive policy environment for inter alia industrial diversification and value addition to commodities	-
	9.c significantly increase access to ICT and strive to provide universal and affordable access to internet in LDCs by 2020	<b>(E-government on-line availability)</b>

The closest of these targets to EU goals is target 9.5. In the EU context, Research, Development, and Innovation all have a pivotal role and are crucial components in the Europe 2020 strategy. Accordingly, one of the headline targets of the Europe 2020 strategy is to make sure that 3% of the EU's GDP is invested in R&D. Eurostat clarifies that the EU headline indicator '**gross domestic expenditure on R&D**' shows the proportion of GDP dedicated to research and development: the indicator is also referred to as 'R&D intensity' because it reflects the extent of research and innovation activities undertaken in terms of resources input. As Eurostat puts it, the EU followed a relatively stable trend of 1.8% in gross domestic expenditure on R&D as a percentage of GDP (R&D intensity) between 2000 and 2007. In the two following years, R&D intensity grew to about 2% of GDP and remained at that level until 2011. This was due to the combined effect of the crisis and its adverse impact on GDP growth and an increase in nominal government spending on R&D for combating the long-term impacts of the crisis. At the global level, the EU is catching up in terms of R&D expenditure and out-put compared with the United States, Japan, South Korea and China<sup>26</sup>.

All 'level 2' targets are somehow related to supporting and assisting developing countries in the themes of the ninth SDG. Therefore, we could only find two implicit connections as can be seen in the table.

### SDG 10: Reduce inequality within and among countries

SDG 10 includes seven 'level 1' targets and three 'level 2'. Although this SDG seems to be one of the most innovative, as it introduces highly important and often-contested topics on the global agenda (i.e. inequality, global financial markets regulations, migration), from our analysis it does not appear to be clearly mirrored in the EU SDIs Framework. Despite this innovative approach, these targets do not seem really well-targeted enough to the EU context.

Possibly the closest of the EU SD Indicators to this area is 'Inequality of income distribution', which somehow implicitly reflects target 10.1. As Eurostat explains, reducing inequalities contributes to the EU Sustainable Development Strategy's goal of achieving a high level of social cohesion. In this regard, Eurostat showed that in the period 2005-2012, income inequality has been stable over time: in 2012, the average income earned by the richest 20% has been five times higher than the one of the poorest 20% in EU countries. Another example of an EU indicator close to SDG 10 targets can be given considering migration and target 10.7: in this case, the EU SD indicators framework uses 'Crude rate of net migration plus adjustment'. The EU SD indicators framework uses 'Crude rate of net migration plus adjustment' through which Eurostat reported that the EU experienced one quarter decrease in net rate of migration in the EU between 2000 and 2011. Eurostat also clarified that it is unclear whether the downward trend due to the economic crises has already drawn to a halt.

All 'level 2' targets are somehow related to supporting and assisting developing countries in the topics of the tenth SDG.

<sup>26</sup> For more information, see pag.70 of the Eurostat 2013 Monitoring Report of the Europe 2020 strategy

**Table 2.10: Targets of SDG 10**

SDG	Targets	EU SDIs Framework
<b>Goal 10. Reduce inequality within and among countries</b>	10.1 by 2030 progressively achieve and sustain income growth of the bottom 40% of the population at a rate higher than the national average	(Inequality of income distribution)
	10.2 by 2030 empower and promote the social, economic and political inclusion of all irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status	-
	10.3 ensure equal opportunity and reduce inequalities of outcome, including through eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and actions in this regard	-
	10.4 adopt policies especially fiscal, wage, and social protection policies and progressively achieve greater equality	(Gender pay gap in unadjusted form)
	10.5 improve regulation and monitoring of global financial markets and institutions and strengthen implementation of such regulations	-
	10.6 ensure enhanced representation and voice of developing countries in decision making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions	-
	10.7 facilitate orderly, safe, regular and responsible migration and mobility of people, including through implementation of planned and well-managed migration policies	Crude rate of net migration plus adjustment
	10.a implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with WTO agreements	Aggregated measurement of support for agriculture
	10.b encourage ODA and financial flows, including foreign direct investment, to states where the need is greatest, in particular LDCs, African countries, SIDS, and LLDCs, in accordance with their national plans and programmes	Official development assistance
	10.c by 2030, reduce to less than 3% the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5%	-

## SDG 11: Make cities and human settlements inclusive, safe, resilient and sustainable

**Table 2.11: Targets of SDG 11**

SDG	Targets	EU SDIs Framework
<b>Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable</b>	11.1 by 2030, ensure access for all to adequate, safe and affordable housing and basic services, and upgrade slums	-
	11.2 by 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons	(People killed in road accidents)
	11.3 by 2030 enhance inclusive and sustainable urbanization and capacities for participatory, integrated and sustainable human settlement planning and management in all countries	-
	11.4 strengthen efforts to protect and safeguard the world's cultural and natural heritage	-
	11.5 by 2030 significantly reduce the number of deaths and the number of affected people and decrease by y% the economic losses relative to GDP caused by disasters, including water-related disasters, with the focus on protecting the poor and people in vulnerable situations	-
	11.6 by 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality, municipal and other waste management	1: Municipal waste generation and treatment, by type of treatment method 2: Urban population exposure to air pollution by particulate matter 3: Urban

		population exposure to air pollution by ozone
	11.7 by 2030, provide universal access to safe, inclusive and accessible, green and public spaces, particularly for women and children, older persons and persons with disabilities	-
	11.a support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning	-
	11.b by 2020, increase by x% the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, develop and implement in line with the forthcoming Hyogo Framework holistic disaster risk management at all levels	-
	11.c support least developed countries, including through financial and technical assistance, for sustainable and resilient buildings utilizing local materials	(Bilateral official development assistance by category )

Ten targets (seven 'level 1' and three 'level 2' targets) further explain SDG 11 on cities and human settlements.

Among 'level 1' targets, only one target is clearly mirrored in the EU SD indicators framework. Target 11.6 that can be associated with at least three indicators in the EU SD indicators framework, namely: 1) Municipal waste generation and treatment, by type of treatment method; 2) Urban population exposure to air pollution by particulate matter; and, 3) Urban population exposure to air pollution by ozone.

With respect to '**Municipal waste generation and treatment, by type of treatment method**', Eurostat reports that between 2000 and 2011 Europe experienced significant improvement in its waste management, with over 50 % more waste recycled or composted. However, large differences are to be found among EU Member States: Eurostat shows, for instance, that while in Croatia, Bulgaria and Romania more than 90% of their municipal waste goes to landfill, in Germany, Netherlands and Sweden less than 1% is disposed of in this way.

Secondly, regarding the EU indicator '**Urban population exposure to air pollution by particulate matter**', Eurostat shows that between 2000 and 2011 air pollution by particulate matter decreased by 1 microgram per cubic metre to the level 27 micrograms per cubic metre, which remained 7 micrograms above the target set for 2010.

The third indicator '**Urban population exposure to air pollution by ozone**' shows the concentration of ozone to which the urban population is potentially exposed, as it causes serious health problems. Between 2000 and 2011, as reported by Eurostat, in EU there has been an increase in exposure to air pollution by ozone of about 770 micrograms per cubic metre day.

For what concerns 'level 2' targets, we could not find a clear relation with the EU system, but only an implicit one between target 11.c and EU SD Indicator 'Bilateral official development assistance by category'.

## SDG 12: Ensure sustainable consumption and production patterns

SDG 12 is further described by eight 'level 1' targets and three 'level 2' targets. This SDG and its targets are in general very much under the lens of European policies and strategies. Accordingly, '**Sustainable consumption and production**' represents the second of ten themes of the EU SD



Indicators framework. Eurostat clarifies that many of the sustainable consumption and production theme's indicators are strongly linked to economic activity. Because of this, any interpretation of them should take into account the turbulence caused by the economic and financial crisis. Its temporary effect may explain many recent improvements rather than an actual shift towards more sustainable consumption and production patterns (i.e. resource productivity and material use). (...) However, in the EU, some long-term improvements can be seen in waste treatment, pollutant emissions and in environment-friendly production patterns.

However, we could not find a direct and clear mirroring of SDG 12 targets in the European framework, even though some EU indicators treat similar topics (i.e. waste management) and can be implicitly associated to the SDG's targets.

For what concerns 'level 2' targets, we could not find a clear relation with the EU system.

**Table 2.12: Targets of SDG 12**

SDG	Targets	EU SDIs Framework
<b>Goal 12. Ensure sustainable consumption and production patterns</b>	12.1 implement the 10-Year Framework of Programmes on sustainable consumption and production (10YFP), all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries	-
	12.2 by 2030 achieve sustainable management and efficient use of natural resources	(Domestic material consumption by material)
	12.3 by 2030 halve per capita global food waste at the retail and consumer level, and reduce food losses along production and supply chains including post-harvest losses	-
	12.4 by 2020 achieve environmentally sound management of chemicals and all wastes throughout their life cycle in accordance with agreed international frameworks and significantly reduce their release to air, water and soil to minimize their adverse impacts on human health and the environment	(1: Index of production of toxic chemicals, by toxicity class 2: Generation of hazardous waste, by economic activity)
	12.5 by 2030, substantially reduce waste generation through prevention, reduction, recycling, and reuse	(Generation of waste excluding major mineral waste)
	12.6 encourage companies, especially large and trans-national companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle	(Organisations and sites with EMAS (Eco-Management and Audit Scheme) registration)
	12.7 promote public procurement practices that are sustainable in accordance with national policies and priorities	-
	12.8 by 2030 ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature	(Ecolabel licenses)
	12.a support developing countries to strengthen their scientific and technological capacities to move towards more sustainable patterns of consumption and production	-
	12.b develop and implement tools to monitor sustainable development impacts for sustainable tourism which creates jobs, promotes local culture and products	-
	12.c rationalize inefficient fossil fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with national circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of developing countries and minimizing the possible adverse impacts on their development	-

	in a manner that protects the poor and the affected communities	
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### SDG 13: Take urgent action to combat climate change and its impacts

SDG 13 is constituted by three 'level 1' targets and two 'level 2' targets. This SDG aims at taking urgent action to combat climate change and its impacts. However, apart from *acknowledging that the UNFCCC is the primary international, intergovernmental forum for negotiating the global response to climate change*, all targets not only seem weak but, moreover, are not really able to convey this message of urgency or necessary response, arguably for two main reasons. First, so differently compared to the other targets analysed until now, SDG 13 targets **do not have clear timelines**, neither close in time to the present to signal urgency, nor they include future timeframes to envision a future that is less threatening and less prone to disasters and *key risks* to human societies (especially the least developed countries and vulnerable communities) as the ones that are at moment foreseen (see for instance IPCC, 2014, pp.12-13)<sup>27</sup>. Secondly, such targets are **much more vague** and **do not refer to any clear and precise measure** that could assist in conveying such a message of urgency.

This second point is especially relevant when one compares these targets and the 13<sup>th</sup> SDG in general to what is done in the European Union: the EU SD Indicator Set touches completely different topics, related to GHG emissions and global temperature, which are not at all addressed in this SDG topic.

Table 2.13: Targets of SDG 13

SDG	Targets	EU SDIs Framework
Goal 13. Take urgent action to combat climate change and its impacts	13.1 strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries	-
	13.2 integrate climate change measures into national policies, strategies, and planning	-
	13.3 improve education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction, and early warning	-
	13.a implement the commitment undertaken by developed country Parties to the UNFCCC to a goal of mobilizing jointly USD100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible	-
	13.b Promote mechanisms for raising capacities for effective climate change related planning and management, in LDCs, including focusing on women, youth, local and marginalized communities	-

### SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Seven 'level 1' targets and three 'level 2' are included in the SDG 14. Differences seem quite evident with the EU system. Accordingly, apart from target 14.4, we could not find other 'level 1'

<sup>27</sup> IPCC (2014) Summary for policymakers. In: *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Field, C.B., V.R. Barros, D.J. Dokken, K.J. Mach, M.D. Mastrandrea, T.E. Bilir, M. Chatterjee, K.L. Ebi, Y.O. Estrada, R.C. Genova, B. Girma, E.S. Kissel, A.N. Levy, S. MacCracken, P.R. Mastrandrea, and L.L. White (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA, pp. 1-32.

targets appropriately mirrored in the EU SD indicators framework (see Table 2.14). Also, 'level 2' targets do not seem at all included in the EU system.

**Table 2.14: Targets of SDG 14**

SDG	Targets	EU SDIs Framework
<b>Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development</b>	14.1 by 2025, prevent and significantly reduce marine pollution of all kinds, particularly from land-based activities, including marine debris and nutrient pollution	-
	14.2 by 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration, to achieve healthy and productive oceans	-
	14.3 minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels	-
	14.4 by 2020, effectively regulate harvesting, and end overfishing, illegal, unreported and unregulated (IUU) fishing and destructive fishing practices and implement science-based management plans, to restore fish stocks in the shortest time feasible at least to levels that can produce maximum sustainable yield as determined by their biological characteristics	1) Fishing fleet, total engine power; 2) fish catches from stocks outside safe biological limits
	14.5 by 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on best available scientific information	(Sufficiency of sites designated under the EU Habitats directive)
	14.6 by 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, and eliminate subsidies that contribute to IUU fishing, and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the WTO fisheries subsidies negotiation *	(Aggregated measurement of support for agriculture)
	14.7 by 2030 increase the economic benefits to SIDS and LDCs from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism	-
	14.a increase scientific knowledge, develop research capacities and transfer marine technology taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity to the development of developing countries, in particular SIDS and LDCs	-
	14.b provide access of small-scale artisanal fishers to marine resources and markets	-
	14.c ensure the full implementation of international law, as reflected in UNCLOS for states parties to it, including, where applicable, existing regional and international regimes for the conservation and sustainable use of oceans and their resources by their parties	-

The EU SD Indicators framework treats marine resources in its eight theme 'Natural resources'. Two indicators are mainly used here: **conservation of fish stocks**, and **fishing capacity**. These two indicators could somehow be related to SDG 14 target 14.4.

Additionally, we found that target 14.5 could be somehow related to the European index of 'Sufficiency of sites designated under the EU Habitats directive' measures the extent to which Sites of Community Importance proposed by the Member States adequately cover the species and habitats listed in Annexes I and II to the habitats directive. This index is therefore related to the 'Habitats Directive' that, together with the Birds Directive, forms the cornerstone of Europe's nature conservation policy.

## SDG 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

SDG 15 is further defined by nine 'level 1' targets and three 'level 2' targets. Apart from target 15.5, all SDG 15 targets seem not to be reflected very well in the EU SD Indicators framework. The only connections we could find are loosely related to target 15.1. The EU SD indicators framework treats this topic with the indicator '**Water exploitation index**'.

This being said, we have to point out that many of these issues are anyway taken into consideration by the EU Sustainable Development Strategy, especially under the key objective '**Conservation and management of natural resources**' that aims at improving management and avoid overexploitation of natural resources, recognising the value of ecosystem services. For instance, SDG target 15.2 is addressed by the EU SDS's operational objective 'Contributing effectively to achieving the four United Nations global objectives on forests by 2015', through a number of actions among which sustainable forest management represents one of the most important ones. In the context of conservation, we already mentioned the EU Habitats Directive and the Birds Directive, which form the foundation of Europe's nature conservation policy.

**Table 2.15: Targets of SDG 15**

SDG	Targets	EU SDIs Framework
Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	15.1 by 2020 ensure conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements	(Water exploitation index)
	15.2 by 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests, and increase afforestation and reforestation by x% globally	(1: Forest increment and fellings 2: Deadwood)
	15.3 by 2020, combat desertification, and restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land-degradation neutral world	-
	15.4 by 2030 ensure the conservation of mountain ecosystems, including their biodiversity, to enhance their capacity to provide benefits which are essential for sustainable development	-
	15.5 take urgent and significant action to reduce degradation of natural habitat, halt the loss of biodiversity, and by 2020 protect and prevent the extinction of threatened species	Sufficiency of sites designated under the EU Habitats directive
	15.6 ensure fair and equitable sharing of the benefits arising from the utilization of genetic resources, and promote appropriate access to genetic resources	-
	15.7 take urgent action to end poaching and trafficking of protected species of flora and fauna, and address both demand and supply of illegal wildlife products	-
	15.8 by 2020 introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems, and control or eradicate the priority species	-
	15.9 by 2020, integrate ecosystems and biodiversity values into national and local planning, development processes and poverty reduction strategies, and accounts	-
	15.a mobilize and significantly increase from all sources financial resources to conserve and sustainably use biodiversity and ecosystems	-
	15.b mobilize significantly resources from all sources and at all levels to finance sustainable forest management, and provide adequate incentives to developing countries to advance sustainable forest management, including for conservation and reforestation	-
	15.c enhance global support to efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities	-

	to pursue sustainable livelihood opportunities	
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## SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

SDG 16 includes ten 'level 1' targets and two 'level 2' targets. Several of these targets relate in many ways to the European context, especially considering for instance the following guiding principles of the EU Sustainable Development Strategy:

1. promotion and protection of fundamental rights;
2. solidarity within and between generations;
3. open and democratic society;
4. involvement of citizens;
5. involvement of businesses and social partners;
6. policy coherence and governance;
7. policy integration;
8. use best available knowledge;
9. precautionary principle;
10. make polluters pay.

However, we could not find a clear relation between the two frameworks. Only four EU SD Indicators seem implicitly reflect three of the SDG16 targets. We can somehow relate SDG target 16.3 to two EU SD indicators: 'New infringement cases' and 'Transposition deficit'. Also somehow related to the EU SD Indicators framework are SDG target 16.6 and target 16.7. More specifically, SDG target 16.6 could be loosely mirrored in the EU system with the indicator 'Level of citizens' confidence in EU institutions'. Concerning SDG target 16.7, this could be associated with EU indicator 'Voter turnout in national and EU parliamentary elections'.

**Table 2.16: Targets of SDG 16**

SDG	Targets	EU SDIs Framework
<b>Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</b>	16.1 significantly reduce all forms of violence and related death rates everywhere	-
	16.2 end abuse, exploitation, trafficking and all forms of violence and torture against children	-
	16.3 promote the rule of law at the national and international levels, and ensure equal access to justice for all	(1: New infringement cases, 2: Transposition deficit)
	16.4 by 2030 significantly reduce illicit financial and arms flows, strengthen recovery and return of stolen assets, and combat all forms of organized crime	-
	16.5 substantially reduce corruption and bribery in all its forms	-
	16.6 develop effective, accountable and transparent institutions at all levels	(Level of citizens' confidence in EU institutions)
	16.7 ensure responsive, inclusive, participatory and representative decision-making at all levels	(Voter turnout in national and EU parliamentary elections)
	16.8 broaden and strengthen the participation of developing countries in the institutions of global governance	-

	16.9 by 2030 provide legal identity for all including birth registration	-
	16.10 ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements	-
	16.a strengthen relevant national institutions, including through international cooperation, for building capacities at all levels, in particular in developing countries, for preventing violence and combating terrorism and crime	-
	16.b promote and enforce non-discriminatory laws and policies for sustainable development	-

## SDG 17: Strengthen the means of implementation and revitalize the global partnership for sustainable development

Table 2.17: Targets of SDG 17

SDG	Targets	EU SDIs Framework
Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development	<b>Finance</b>	
	17.1 strengthen domestic resource mobilization, including through international support to developing countries to improve domestic capacity for tax and other revenue collection	-
	17.2 developed countries to implement fully their ODA commitments, including to provide 0.7% of GNI in ODA to developing countries of which 0.15-0.20% to least-developed countries	Official development assistance
	17.3 mobilize additional financial resources for developing countries from multiple sources	Total EU financing for developing countries, by type
	17.4 assist developing countries in attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries (HIPC) to reduce debt distress	(Bilateral official development assistance by category )
	17.5 adopt and implement investment promotion regimes for LDCs	-
	<b>Technology</b>	
	17.6 enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation, and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, particularly at UN level, and through a global technology facilitation mechanism when agreed	-
	17.7 promote development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed	-
	17.8 fully operationalize the Technology Bank and STI (Science, Technology and Innovation) capacity building mechanism for LDCs by 2017, and enhance the use of enabling technologies in particular ICT	-
	<b>Capacity building</b>	
	17.9 enhance international support for implementing effective and targeted capacity building in developing countries to support national plans to implement all sustainable development goals, including through North-South, South-South, and triangular cooperation	-
	<b>Trade</b>	
	17.10 promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the WTO including through the conclusion of negotiations within its Doha Development Agenda	(EU imports from developing countries)
	17.11 increase significantly the exports of developing countries, in particular with a view to doubling the LDC share of global exports by 2020	EU imports from least-developed countries
	17.12 realize timely implementation of duty-free, quota-free market access on a lasting basis for all least developed countries consistent with WTO decisions, including through ensuring that preferential rules of origin applicable to imports from LDCs are transparent and simple, and contribute to facilitating market access	-
	<b>Systemic issues</b>	
	<b>Policy and institutional coherence</b>	
	17.13 enhance global macroeconomic stability including through policy coordination and policy coherence	-



	17.14 enhance policy coherence for sustainable development	-
	17.15 respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development	-
	<b>Multi-stakeholder partnerships</b>	
	17.16 enhance the global partnership for sustainable development complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technologies and financial resources to support the achievement of sustainable development goals in all countries, particularly developing countries	-
	17.17 encourage and promote effective public, public-private, and civil society partnerships, building on the experience and resourcing strategies of partnerships	-
	<b>Data, monitoring and accountability</b>	
	17.18 by 2020, enhance capacity building support to developing countries, including for LDCs and SIDS, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts	-
	17.19 by 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement GDP, and support statistical capacity building in developing countries	-

SDG 17 is further described by 19 targets divided in five sections: 1) Finance; 2) Technology; 3) Capacity building; 4) Trade; and, 5) Systemic issues.

The first section 'Finance' comprises five targets that are almost completely dedicated to support developing countries, especially through the mobilisation of financial resources. This section is clearly linked to the European context as it represents one of the EUSDS Key Challenges, namely, **Global poverty and sustainable development challenges**, which aims to '*actively promote sustainable development worldwide and ensure that the European Union's internal and external policies are consistent with global sustainable development and its international commitments*'. More precisely, the Eurostat Monitoring Report of the EU SDS dedicates the whole ninth chapter on the '**Global partnership**' theme. The headline indicator of this section is the indicator 'Official Development Assistance (ODA)'. Other important indicators of this theme that seem clearly related to the SDG 17 Finance targets are: 'Financing for developing countries', 'Share of official development assistance for least-developed countries', and 'Share of foreign direct investment in low-income countries'.

The following two sections of SDG 17, 'Technology' and 'Capacity Building', do not seem at all clearly mirrored in the EU SD Indicators framework. In addition, the three 'Technology' targets and the one 'Capacity Building' target appear all directed to developing countries and to favouring in particular North-South cooperation.

The fourth section 'Trade' is clearly considered in the EU SD Indicators framework again within the **Global Partnership** theme. Two main indicators are included under the sub-theme 'Global trade': 'Imports from developing countries' and 'Share of imports from least-developing countries'.

The last section 'System issues' of the SDG 17 is formed by seven targets divided in three subsections: a) Policy and institutional coherence (3 targets); b) Multi-stakeholder partnerships (2 targets); and, c) Data, monitoring and accountability (2 targets). This whole section does not appear to be mirrored within the EU SD Indicators Framework.

### 3 National activities on SDGs from Europe: a comparative overview

#### 3.1 Aim and scope of the survey

Between November 2014 and January 2015, as an immediate follow-up of the ESDN 2014 Conference, the ESDN Office undertook a survey among European SD policy-makers to receive information about activities in relation to the sustainable development goals (SDGs) and on the post-2015 agenda. In the survey, we focused on the following three main areas: (i) the process (before and after September 2015); (ii) the foreseen implementation phase; and (iii) the governance mechanisms (i.e. leadership, coordination). Please find the survey questions in the box below.

##### Box 3.1 Questions of the survey

1. *Which SDGs-related activities/initiatives have been undertaken until now in your country?*
2. *Which additional SDGs-related activities/initiatives are foreseen until September 2015 in your Ministry and/or in the Government as a whole?*
3. *Which government body is in the lead of the SDGs process in your country? What inter-ministerial coordination mechanisms are in place?*
4. *What should be the role of the EU in the negotiations until September 2015 and in the implementation phase?*
5. *How should the SDGs implementation process look like in your country after September 2015? Which government bodies and stakeholders should be involved?*

Of the 29 country representatives we approached, we received a completed questionnaire from 18 policy-makers<sup>28</sup>. In sub-chapter 3.2 below you can find the analysis of the responses of the policy-makers on how the SDG issue is approached in their respective countries.

#### 3.2 Key issues and results from the survey

In the following sections we portray the results following the structure of our questionnaire (see box 3.1 above)

##### SDGs-related activities and initiatives undertaken so far in European countries

In several countries, SDG related activities and initiatives revolved around the ***organisation of events, meetings and workshops for public servants, but also dialogues with stakeholders to exchange views and broaden participation*** towards the post-2015 agenda process. In Switzerland, for instance, a participatory process with Swiss stakeholders to develop the Swiss

<sup>28</sup> The respondents of our survey have been: Austria, Belgium, Estonia, Finland, Germany, Greece, Hungary, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Romania, Slovakia, Slovenia, Sweden, Switzerland.

position to the SDGs has been started together with an online platform ([www.post2015.ch](http://www.post2015.ch)) that provides information and participation opportunities to the general public. In Greece, a number of meetings were organized with the involvement of all ministries to exchange views and ideas about the post-2015 agenda with a view to prepare positions on various issues.

In addition, SDGs-related initiatives have been often undertaken ***through regular or already existing coordination and consultation mechanisms*** in relation to the elaboration of national positions among national ministries (i.e. Austria, Belgium) or in meetings of secretary of State committees (i.e. Germany), but also connected to the participation in the Open Working Group (OWG) on sustainable development goals (i.e. Slovenia).

In Belgium, ***a new coordination mechanism/structure*** was created with the intention to foster ownership of the post-2015 agenda. This new working group within the Interdepartmental Commission for SD, and led by a representative of the Ministry for Foreign Affairs, serves to stimulate in-depth discussions among experts, prepares proposals at the administrative level, analyses reports, and contributes in the preparation of the Belgian positions during the OWGSDG or EU positions.

***Several countries have started processes to suggest changes and to incorporate results from the post-2015 agenda in their NSDSs.*** In Germany, for instance, the National Council for Sustainable Development was asked to start a process for proposing changes to the German NSDS in line with expected results of post-2015 agenda for sustainable development. In Switzerland, the new National SD Strategy (2016-2019) will include the development of tangible mid-term goals (2030) that will be based on the SDGs and translated for Switzerland: this process will include a stakeholder-dialogue with 150 organizations that will discuss through 27 workshops the different topics of sustainable development (Vision-Goals-Measures).

### **Additional SDGs-related activities and initiatives foreseen within national ministries or governments until September 2015**

In some cases, the respondents highlighted that they will ***maintain already established processes*** (i.e. Belgium, Germany). Various other respondents particularly emphasised how they will ***keep actively taking part in the negotiations at UN level*** (i.e. Slovenia, Switzerland, Poland, Latvia, Romania, Estonia).

In most instances, ***stakeholder events and consultation activities will be organised***. In Austria, the Environment and Foreign Affairs Ministries will jointly co-ordinate a multi-stakeholder dialogue to negotiate a “national post-2015 SD policy and action framework”, which will translate and adapt the SDGs – as proposed by the OWG – into national goals and targets, and deliver an action-orientated agenda.

In Greece and Latvia, conferences will be taking place in the context of the ***European Year of Development 2015***. Furthermore, during its EU Presidency in the first half of 2015, Latvia will coordinate the EU contribution to the UN intergovernmental negotiations on the post-2015 framework for sustainable development and poverty eradication and achievements of the Millennium Development Goals.

A strong case is made towards the ***renewal/revision of NSDSs and of national SD indicators taking into account the SDGs***. In Romania, there is a plan to organize a wide public consultation with the academia, business sector and the civil society in order to receive feedback regarding the National Sustainable Development Strategy (NSDS) adopted by the Romanian Government in 2008, together with a discussion over ways in which the stakeholders can be involved in the whole process of drafting the new strategy in line with the SDGs. Similarly, in Slovakia, there is expectation towards the preparation over a new NSDS, in which SDGs, along with other strategic initiatives on the European level, will be considered. In Estonia, in fall 2015, the renewal of the Estonian SD indicators is planned. Also in this case, SDGs will be taken into account during the process, which will be led by the government's strategy unit, in cooperation with the Estonian Statistics Office, the Sustainable Development Working Group and the Sustainable Development Commission. In Finland, the FNCSD will check the national SD goals against the global SDGs and make the necessary changes in the national goals and targets. In Germany, the review of the NSDS will examine which goals, targets and indicators should be amended, changed, modernized, or added to make it in line with the post-2015 agenda. In addition, the start of a public discussion/dialogue is foreseen in summer/autumn 2015. In Switzerland, it is expected that the SDGs will be integrated into their NSDS. In Malta, after September 2015, the SDGs would increasingly be linked to the vision and the strategic objectives and actions of the Maltese national sustainable development strategy which is currently being reviewed.

### Government bodies in the lead of SDGs processes in European countries and mechanisms of inter-ministerial coordination in place

The survey results show the ***central role of the Ministries of Foreign Affairs in the international process related to the post-2015 agenda***. The Ministries of Foreign Affairs clearly lead the SDGs process in Belgium, in the Netherlands, in Poland, in Slovenia, and in Sweden. In Greece, the Ministry of Foreign Affairs is the leading body of the SDGs process, but it works very closely with the Ministry of Environment, Energy and Climate Change.

In other countries (i.e. Austria, Estonia, Finland), the ***leadership is jointly taken by the Ministry of Environment and the Ministry of Foreign Affairs***. In Germany, in lead for negotiation are the Ministry for Environment and Building (BMUB) and the Ministry for international Cooperation (BMZ). In Estonia, during 2015, it is expected that the inter-ministerial working group on SD will have a more active role in preparing the Estonian positions for the SDG negotiations; however, the Government Office Strategy Unit is responsible for overall coordination of SD issues.

Several other countries have ***special units or offices*** that lead the SDGs processes. In Latvia, a Cross-Sectoral Coordination Centre – a separate office under direct supervision of the Prime Minister – ensures policy coordination, consistency and compliance between all national planning documents, takes care of the implementation of policy monitoring, and prepares and coordinates long-term and mid-term national development planning documents. In Luxembourg, the lead is taken by the Interdepartmental Commission for Sustainable Development, which is a body of representatives from ministries and administrations. In Slovakia, the leading body is the Slovak Republic Government Office, whereas in Switzerland the responsible government body is the Swiss Agency for Development and Cooperation.

## Suggestions and expectations of the EU's role in the negotiations until September 2015 and in the implementation phase

Until September 2015, when the UNGA will take a final decision on the post-2015 agenda, the negotiations phase will continue. To this end, contributing countries in our survey had the chance to delineate and suggest what role the EU should take in such phase.

Most countries argued for **a common EU position**, possibly agreed at the Council level, that should be then taken into the negotiations and defended. In this context, some countries argued that the EU should **strengthen its proposal** (i.e. Austria, Germany, Slovakia) by suggesting that the EU should take a leading role in the negotiations and strive for an ambitious post 2015-agenda for SD.

At the same time, several countries proposed that **the EU should be an active and constructive player** in the negotiations. For instance, it was suggested focussing on: (i) ensuring a balanced integration of the three dimensions of SD; (ii) policy coherence for sustainable development; (iii) universality, (iv) mutual accountability, (v) ownership; (vi) mechanisms for monitoring and accountability at different levels. The EU should also start preparing to **incorporate the SDGs** into its internal and external policies by committing itself to **re-new the EUSDS**, while strengthening the **Greening of the European Semester** process on the 2015 mid-term review of Europe 2020.

For the **implementation phase** countries suggested that EU should:

- renew/revise the EU SDS;
- engage in dialogue with all stakeholders and outreach/promotion in order to build joint initiatives and declarations;
- ensure integration of the post-2015 agenda in the internal and external policies of the EU;
- take a general coordination role;
- offer a basis for exchange between EU Member States on good practices on how to implement the SDGs and the post 2015 agenda on the national level;
- take a monitoring and reporting role;
- improving the availability of and access to data and statistics disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts; and
- providing financial and other aid to EU Member States for achieving SDGs based on differing national circumstances

## The SDGs-implementation process at the national level after September 2015

Overall, **the implementation process at the national level will very much depend on the outcome of the UN process** and on the decisions that will be taken in September 2015. For instance, in Switzerland, on the federal level, although roles and responsibilities of the agencies in the ongoing SDGs process will still be discussed, it is foreseen the establishment of a core group of agencies that shares such tasks and responsibilities.

Several respondents shared the view that the implementation process at the national level should be based on inter-ministerial co-ordination by **making use of the existing NSDS governance mechanisms** (including monitoring and review procedures) without creating parallel

implementation processes. In addition, it would be important to ***bring the NSDS in line with the goals of the post-2015 agenda.***

These implementation processes should also ***be transparent and inclusive with regards to civil society participation***, should ***review indicators used for monitoring progress***, should be action-oriented and be based on cooperation.

In terms of government bodies, the implementation processes should ***involve the same institutions that implement national SD strategies*** or be coordinated by bodies ***with cross-sectoral coordination competence.***



## 4 Main messages from the ESDN 2014 Conference

In this chapter, we briefly summarise the main points discussed at the ESDN 2014 Conference, the key interrogatives raised, and the most significant messages that came up. For [full coverage of the ESDN 2014 Conference](#), please go to the ESDN website.

### 4.1 The ESDN 2014 Conference in Rome

The ESDN Conference 2014 was entitled, “*A renewed policy framework for sustainable development – The international SD agenda and its impact on Europe*”, and mainly reflected on how the UN process impacted the EU and national level with regards to sustainable development. Moreover, the conference considered the role of National SD Strategies in the context of current socio-economic and environmental policy challenges.

The ESDN Conference 2014 took place in **Rome, Italy on 6-7 November 2014**, and was organized by the ESDN in cooperation with the Italian EU Presidency. In total, **67 participants from 22 countries** (21 European countries and Egypt) attended the conference.

The aim of the annual ESDN conferences was to facilitate the exchange of experiences and knowledge between public administrators responsible for sustainable development strategies and policies at the EU, national and sub-national levels, with experts from National Sustainable Development Councils, members of the SD Observatory of the European Economic and Social Committee (EESC), NGOs and CSOs representatives, international organizations as well as other experienced SD experts and researchers. This year’s ESDN Conference was the [13<sup>th</sup> annual conference](#) of the network. Similar to previous ESDN conferences, the 2014 event dealt with the conference themes in different formats: keynote presentations highlighted general issues and key aspects of the conference theme; panel discussions provided an overview of experiences and standpoints of different actors and institutions; in parallel group work, the participants discussed specific aspects of the conference theme in-depth; summaries of the results of the group work were used for immediate reactions and further discussions during the conference; and interactive formats throughout the conference allowed participants to reflect upon issues raised and to develop recommendations.

### 4.2 Key topics treated at the ESDN 2014 Conference

The ESDN Conference 2014 was distributed in the following six sessions:

- Session 1: International sustainable development agenda;
- Session 2: Impacts of the international SD agenda on Europe;
- Session 3: Involving societal stakeholders in addressing international SD issues in Europe;
- Session 4: Governance for SD in Europe;
- Session 5: New challenges for national SD strategies in the context of current socio-economic/environmental challenges and international SD issues,
- Session 6: Making NSDSs ‘fit for purpose’.

The **first session** provided a solid overview on the international sustainable development agenda with four keynote speakers who framed the topic from different perspectives and presented the challenges and opportunities connected to sustainable development goals (SDGs). Main characteristics of the proposed SDGs list were highlighted: universality, integration of SD dimensions, and convergence of the MDGs agenda and the SD agenda. The SDGs were seen as an opportunity to reach the aim of eradicating poverty utilizing sustainable development, further integrating the development and the environment agendas. In this regard, three main differences between the MDGs and the SDGs agendas were highlighted: (1) a shift from economic growth to sustainable development as the answer to poverty; (2) a greater focus on the root causes of poverty (i.e. environmental degradation, resource consumption, inequalities, poor or lack of governance and rule of law); and (3) the global nature of SDGs and their universality in application (both for developing and developed countries).

However, critique on the SDG zero draft was also raised: For instance, it was agreed that the exclusion of the crucial topic of 'Planetary Boundaries' from the SDGs zero draft proposal is problematic and it was emphasised that this concept should have fundamental role in the post-2015 agenda. Another critical issue highlighted was the very large number of SDGs targets. Therefore, it was suggested to find a shared agreement on a common vision with a smaller number of main *key dynamics* (i.e. planetary boundaries) that would have helped also with respect to the implementation of development policies and SD policies.

Emerging policy issues and opportunities from the international SD agenda in the European context were also discussed. The aspect of the crucial role of '*governance for SDGs*' was stressed, especially in terms of monitoring, accountability and multi-level processes as well as a stronger focus on implementation. In addition, SDGs were regarded as strategic goals and the key issue of policy coherence was particularly emphasised as a fundamental point for Europe and individual countries to concentrate on. A paramount issue for the whole process was the inclusion of all stakeholders, especially civil society and citizens. Finally, the EU's role, its contribution and steering capacity within EU and its Member States as well as on the international level was debated and three main points were suggested: (i) the EU should increase its credibility and try to be a leader in the SDG debate; (ii) the EU should find its own SD definition for 2030; and, (iii) the EU should take an active role to renew the out-dated EU SDS.

**Session 2** focussed the debate and discussed in more detail on the impacts of the international SD agenda on Europe. The EU's strategic SD frameworks were explored in response to the international SD agenda, especially with respect to the impact on SD governance and Greening the Semester. Also, particular attention was devoted to the work done during the months of the Italian EU Presidency and to the opportunities of a comprehensive SDG monitoring framework. Main discussions focused then on the role of the EU in steering European and national SDG implementation, and particular attention was devoted to key issues such as policy coherence, higher participation or multi-level governance mechanisms. The working groups' results are showed in the following box

#### Box 4.1: Group work results: Role of the EU in steering European & national SDG implementation

1)	Be an <b>“added value” rather than “added bureaucracy”</b> , and be a <b>mediator between global process and Europe</b> and viceversa, to show a <b>future-oriented leadership</b> (i.e. decent jobs, innovation, social inclusion, cohesion among members, etc.) sharing best practices
2)	<b>EU semester as a tool for implementing SDGs</b> (+ show-casing)
3)	<b>Positive cherry picking</b> (it’s hard to communicate the huge quantity of goals and targets. EU should start key main dynamics)
4)	<b>Governance structures</b> in a multi-level, multi-structural, multi-regional system
5)	More <b>democratic, participatory approaches</b>
6)	<b>Facilitating, coordinating polycentric SD implementation</b>
7)	Integrated approach through <b>policy coherence and efficiency</b> in three levels: Political, in between EU policies, in between existing mechanisms/indicators
8)	<b>Coordination and dialogue among different stakeholders</b>
9)	EU needs to have a <b>guiding role</b> : translate global goals into EU/National ones: Coordination task for European Commission Vice-president Timmermans, and use monitoring process of the European Semester to scrutinise for SDG implementation use
10)	EU needs a <b>mechanism to implement SDGs</b> : maybe a <b>Europe 2020+</b>

**Session 3** concentrated the debate on involving societal stakeholders in addressing international SD issues in Europe. The role of businesses as a key engine to address SDGs was discussed and it was argued that businesses should accomplish a paradigm change from traditional CSR-based compliance schemes or philanthropic initiatives to inclusive and sustainable business models. Civil society’s inclusion was then stressed and the experience of the Finnish ‘Society’s Commitment for SD’ on the involvement societal stakeholders in a national SD strategy process was particularly appreciated as it shows how to give society a clear long term policy perspective towards sustainable development. Discussions then followed on how to best involve societal stakeholders in European SD processes and on the requirements for effective stakeholder involvement.

The **fourth session** was devoted on the theme ‘governance for SD in Europe’ through a panel discussion, followed by a debate within the plenary. Many issues were put forward. Firstly, the need for ‘more Europe’ was shared, particularly in terms of leadership, but also with regards to a renewed political will, a reaffirmation of a common vision towards sustainability, and a strong focus on SD implementation. The Europe 2020 Strategy is seen as not representing a comprehensive strategy for SD, mainly because sustained economic growth is pursued with no consideration of the physical limits of ecosystems. The large quantity of SDGs and targets included in the zero draft was again challenged, as this increased the difficulties of communicating clear messages to a larger audience. Moreover, the role of science, technology and innovation in the context of SD was identified as a crucial milestone for a new SD transformative agenda. The fundamental role of civil society participation in the process of the post-2015 agenda was emphasised once more, together with the need for better multi-level governance where all levels get considered, from the global level, through the EU level and the national, to the local level where the implementation really happens.

**Session 5** concentrated in particular on new challenges for national SD strategies in the context of current socio-economic/environmental challenges and international SD issues, with the intention of focusing more on the national level and connecting the discussion to the experiences of Member States with their national SD strategies. Moreover, the attention was devoted to current

socio-economic and environmental challenges and their relation with SD policies. The theme 'NSDSs as tools for addressing current socio-economic/environmental challenges and international SD issues' was then explored with the main intention of offering different perspectives and practical experiences from Southern and Eastern European EU Member States. General NSDS experiences and learning points were offered and discussed in relation of current socio-economic and environmental challenges. Reflections followed on how the SDGs would impact SD policies at country/regional level, and shape their future NSDS work.

In terms of NSDSs as effective tools for addressing current socio-economic/environmental challenges and the SDGs, discussions focused mainly on the need for a mutual commitment of different stakeholders and sectors to the SD transformation, increased ownership of the strategies by stakeholders. In addition, networking and coordination were suggested to ensure horizontal and vertical coherence among sectors. NSDSs were seen as tools to raise awareness, to facilitate partnership government-civil society, and to give long-term political guidance. In many ways, policy coherence, vision and process orientation were mentioned in several instances. With respect to NSDSs' added-value and future needs, the following issues were mostly debated:

- 1) Dialogue multi-stakeholders/levels;
- 2) Linking international and national SD agendas;
- 3) Stronger cross-sectoral integration and political ownership;
- 4) Channelled participation of 'ordinary' people;
- 5) Implementation of the post-2015 agenda domestically;
- 6) Continuous collaboration, coordination and cooperation (3c model);
- 7) Mechanisms of mutual accountability and review;
- 8) Concrete action plans (transectoral);
- 9) Clear monitoring system ensuring coherence of other policies with the vision/goals of NSDS; and
- 10) Clear implementation system: (i) who is doing what, (ii) involvement of local stakeholders.

The **final session 6** reflected and discussed on how to make NSDSs 'fit for purpose' in the context of current socio economic/environmental challenges and international SD issues. Agreement was found especially on the need for bottom-up approaches with the intention of engaging stakeholders and civil society in an appropriate framework to provide more opportunities for large participation, also with respect to involve the private sector and the media. A strong focus on policy coherence and multi-level governance was suggested. The SDGs and the post-2015 agenda were considered a crucial opportunity to align the national SD strategies to the developments in the international setting and to provide an overarching approach covering all three dimensions of SD, whereas they would represent an important push on governments and the society. The implementation perspective was also emphasised together with crucial mechanisms of monitoring and review. Finally, it was argued for the need of broad ownership of NSDSs by the whole society, businesses and other stakeholders.

## Annex I: Complete list of SDGs and targets

### Goal 1. End poverty in all its forms everywhere

- 1.1 by 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day
- 1.2 by 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions
- 1.3 implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable
- 1.4 by 2030 ensure that all men and women, particularly the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership, and control over land and other forms of property, inheritance, natural resources, appropriate new technology, and financial services including microfinance
- 1.5 by 2030 build the resilience of the poor and those in vulnerable situations, and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters
  - 1.a. ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation to provide adequate and predictable means for developing countries, in particular LDCs, to implement programmes and policies to end poverty in all its dimensions
  - 1.b create sound policy frameworks, at national, regional and international levels, based on pro-poor and gender-sensitive development strategies to support accelerated investments in poverty eradication actions

### Goal 2. End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

- 2.1 by 2030 end hunger and ensure access by all people, in particular the poor and people in vulnerable situations including infants, to safe, nutritious and sufficient food all year round
- 2.2 by 2030 end all forms of malnutrition, including achieving by 2025 the internationally agreed targets on stunting and wasting in children under five years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women, and older persons
- 2.3 by 2030 double the agricultural productivity and the incomes of small-scale food producers, particularly women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets, and opportunities for value addition and non-farm employment
- 2.4 by 2030 ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters, and that progressively improve land and soil quality
- 2.5 by 2020 maintain genetic diversity of seeds, cultivated plants, farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at national, regional and international levels, and ensure access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge as internationally agreed
  - 2.a increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development, and plant and livestock gene banks to enhance agricultural productive capacity in developing countries, in particular in least developed countries
  - 2.b. correct and prevent trade restrictions and distortions in world agricultural markets including by the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round
  - 2.c. adopt measures to ensure the proper functioning of food commodity markets and their derivatives, and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility

### Goal 3. Ensure healthy lives and promote well-being for all at all ages

- 3.1 by 2030 reduce the global maternal mortality ratio to less than 70 per 100,000 live births
- 3.2 by 2030 end preventable deaths of newborns and under-five children
- 3.3 by 2030 end the epidemics of AIDS, tuberculosis, malaria, and neglected tropical diseases and combat hepatitis, water-borne diseases, and other communicable diseases
- 3.4 by 2030 reduce by one-third pre-mature mortality from non-communicable diseases (NCDs) through prevention and treatment, and promote mental health and wellbeing
- 3.5 strengthen prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol
- 3.6 by 2020 halve global deaths and injuries from road traffic accidents

3.7 by 2030 ensure universal access to sexual and reproductive health care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes

3.8 achieve universal health coverage (UHC), including financial risk protection, access to quality essential health care services, and access to safe, effective, quality, and affordable essential medicines and vaccines for all

3.9 by 2030 substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water, and soil pollution and contamination

3.a strengthen implementation of the Framework Convention on Tobacco Control in all countries as appropriate

3.b support research and development of vaccines and medicines for the communicable and non-communicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration which affirms the right of developing countries to use to the full the provisions in the TRIPS agreement regarding flexibilities to protect public health and, in particular, provide access to medicines for all

3.c increase substantially health financing and the recruitment, development and training and retention of the health workforce in developing countries, especially in LDCs and SIDS

3.d strengthen the capacity of all countries, particularly developing countries, for early warning, risk reduction, and management of national and global health risks

#### **Goal 4. Ensure inclusive and equitable quality education and promote life-long learning opportunities for all**

4.1 by 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes

4.2 by 2030 ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education

4.3 by 2030 ensure equal access for all women and men to affordable quality technical, vocational and tertiary education, including university

4.4 by 2030, increase by x% the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

4.5 by 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples, and children in vulnerable situations

4.6 by 2030 ensure that all youth and at least x% of adults, both men and women, achieve literacy and numeracy

4.7 by 2030 ensure all learners acquire knowledge and skills needed to promote sustainable development, including among others through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship, and appreciation of cultural diversity and of culture's contribution to sustainable development

4.a build and upgrade education facilities that are child, disability and gender sensitive and provide safe, non-violent, inclusive and effective learning environments for all

4.b by 2020 expand by x% globally the number of scholarships for developing countries in particular LDCs, SIDS and African countries to enrol in higher education, including vocational training, ICT, technical, engineering and scientific programmes in developed countries and other developing countries

4.c by 2030 increase by x% the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially LDCs and SIDS

#### **Goal 5. Achieve gender equality and empower all women and girls**

5.1 end all forms of discrimination against all women and girls everywhere

5.2 eliminate all forms of violence against all women and girls in public and private spheres, including trafficking and sexual and other types of exploitation

5.3 eliminate all harmful practices, such as child, early and forced marriage and female genital mutilations

5.4 recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies, and the promotion of shared responsibility within the household and the family as nationally appropriate

5.5 ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic, and public life

5.6 ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the ICPD and the Beijing Platform for Action and the outcome documents of their review conferences

5.a undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance, and natural resources in accordance with national laws

5.b enhance the use of enabling technologies, in particular ICT, to promote women's empowerment



5.c adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels

#### **Goal 6. Ensure availability and sustainable management of water and sanitation for all**

6.1 by 2030, achieve universal and equitable access to safe and affordable drinking water for all

6.2 by 2030, achieve access to adequate and equitable sanitation and hygiene for all, and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations

6.3 by 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and increasing recycling and safe reuse by x% globally

6.4 by 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity, and substantially reduce the number of people suffering from water scarcity

6.5 by 2030 implement integrated water resources management at all levels, including through transboundary cooperation as appropriate

6.6 by 2020 protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes

6.a by 2030, expand international cooperation and capacity-building support to developing countries in water and sanitation related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies

6.b support and strengthen the participation of local communities for improving water and sanitation management

#### **Goal 7. Ensure access to affordable, reliable, sustainable, and modern energy for all**

7.1 by 2030 ensure universal access to affordable, reliable, and modern energy services

7.2 increase substantially the share of renewable energy in the global energy mix by 2030

7.3 double the global rate of improvement in energy efficiency by 2030

7.a by 2030 enhance international cooperation to facilitate access to clean energy research and technologies, including renewable energy, energy efficiency, and advanced and cleaner fossil fuel technologies, and promote investment in energy infrastructure and clean energy technologies

7.b by 2030 expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, particularly LDCs and SIDS

#### **Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all**

8.1 sustain per capita economic growth in accordance with national circumstances, and in particular at least 7% per annum GDP growth in the least-developed countries

8.2 achieve higher levels of productivity of economies through diversification, technological upgrading and innovation, including through a focus on high value added and labour-intensive sectors

8.3 promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage formalization and growth of micro-, small- and medium-sized enterprises including through access to financial services

8.4 improve progressively through 2030 global resource efficiency in consumption and production, and endeavour to decouple economic growth from environmental degradation in accordance with the 10-year framework of programmes on sustainable consumption and production with developed countries taking the lead

8.5 by 2030 achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value

8.6 by 2020 substantially reduce the proportion of youth not in employment, education or training

8.7 take immediate and effective measures to secure the prohibition and elimination of the worst forms of child labour, eradicate forced labour, and by 2025 end child labour in all its forms including recruitment and use of child soldiers

8.8 protect labour rights and promote safe and secure working environments of all workers, including migrant workers, particularly women migrants, and those in precarious employment

8.9 by 2030 devise and implement policies to promote sustainable tourism which creates jobs, promotes local culture and products

8.10 strengthen the capacity of domestic financial institutions to encourage and to expand access to banking, insurance and financial services for all

8.a increase Aid for Trade support for developing countries, particularly LDCs, including through the Enhanced Integrated Framework for LDCs

8.b by 2020 develop and operationalize a global strategy for youth employment and implement the ILO Global Jobs Pact

#### **Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation**

9.1 develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

9.2 promote inclusive and sustainable industrialization, and by 2030 raise significantly industry's share of employment and GDP in line with national circumstances, and double its share in LDCs

9.3 increase the access of small-scale industrial and other enterprises, particularly in developing countries, to financial services including affordable credit and their integration into value chains and markets

9.4 by 2030 upgrade infrastructure and retrofit industries to make them sustainable, with increased resource use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, all countries taking action in accordance with their respective capabilities

9.5 enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, particularly developing countries, including by 2030 encouraging innovation and increasing the number of R&D workers per one million people by x% and public and private R&D spending

9.a facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, LDCs, LLDCs and SIDS

9.b support domestic technology development, research and innovation in developing countries including by ensuring a conducive policy environment for inter alia industrial diversification and value addition to commodities

9.c significantly increase access to ICT and strive to provide universal and affordable access to internet in LDCs by 2020

#### **Goal 10. Reduce inequality within and among countries**

10.1 by 2030 progressively achieve and sustain income growth of the bottom 40% of the population at a rate higher than the national average

10.2 by 2030 empower and promote the social, economic and political inclusion of all irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status

10.3 ensure equal opportunity and reduce inequalities of outcome, including through eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and actions in this regard

10.4 adopt policies especially fiscal, wage, and social protection policies and progressively achieve greater equality

10.5 improve regulation and monitoring of global financial markets and institutions and strengthen implementation of such regulations

10.6 ensure enhanced representation and voice of developing countries in decision making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions

10.7 facilitate orderly, safe, regular and responsible migration and mobility of people, including through implementation of planned and well-managed migration policies

10.a implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with WTO agreements

10.b encourage ODA and financial flows, including foreign direct investment, to states where the need is greatest, in particular LDCs, African countries, SIDS, and LLDCs, in accordance with their national plans and programmes

10.c by 2030, reduce to less than 3% the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5%

#### **Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable**

11.1 by 2030, ensure access for all to adequate, safe and affordable housing and basic services, and upgrade slums

11.2 by 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons

11.3 by 2030 enhance inclusive and sustainable urbanization and capacities for participatory, integrated and sustainable human settlement planning and management in all countries

11.4 strengthen efforts to protect and safeguard the world's cultural and natural heritage

11.5 by 2030 significantly reduce the number of deaths and the number of affected people and decrease by y% the economic losses relative to GDP caused by disasters, including water-related disasters, with the focus on protecting the poor and people in vulnerable situations

11.6 by 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality, municipal and other waste management

11.7 by 2030, provide universal access to safe, inclusive and accessible, green and public spaces, particularly for women and children, older persons and persons with disabilities

11.a support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning

11.b by 2020, increase by x% the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, develop and implement in line with the forthcoming Hyogo Framework holistic disaster risk management at all levels

11.c support least developed countries, including through financial and technical assistance, for sustainable and resilient buildings utilizing local materials

#### **Goal 12. Ensure sustainable consumption and production patterns**

12.1 implement the 10-Year Framework of Programmes on sustainable consumption and production (10YFP), all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries

12.2 by 2030 achieve sustainable management and efficient use of natural resources

12.3 by 2030 halve per capita global food waste at the retail and consumer level, and reduce food losses along production and supply chains including post-harvest losses

12.4 by 2020 achieve environmentally sound management of chemicals and all wastes throughout their life cycle in accordance with agreed international frameworks and significantly reduce their release to air, water and soil to minimize their adverse impacts on human health and the environment

12.5 by 2030, substantially reduce waste generation through prevention, reduction, recycling, and reuse

12.6 encourage companies, especially large and trans-national companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle

12.7 promote public procurement practices that are sustainable in accordance with national policies and priorities

12.8 by 2030 ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature

12.a support developing countries to strengthen their scientific and technological capacities to move towards more sustainable patterns of consumption and production

12.b develop and implement tools to monitor sustainable development impacts for sustainable tourism which creates jobs, promotes local culture and products

12.c rationalize inefficient fossil fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with national circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of developing countries and minimizing the possible adverse impacts on their development in a manner that protects the poor and the affected communities

#### **Goal 13. Take urgent action to combat climate change and its impacts<sup>29</sup>**

13.1 strengthen resilience and adaptive capacity to climate related hazards and natural disasters in all countries

13.2 integrate climate change measures into national policies, strategies, and planning

13.3 improve education, awareness raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction, and early warning

13.a implement the commitment undertaken by developed country Parties to the UNFCCC to a goal of mobilizing jointly USD100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible

13.b Promote mechanisms for raising capacities for effective climate change related planning and management, in LDCs, including focusing on women, youth, local and marginalized communities

#### **Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development**

<sup>29</sup> Acknowledging that the UNFCCC is the primary international, intergovernmental forum for negotiating the global response to climate change.

14.1 by 2025, prevent and significantly reduce marine pollution of all kinds, particularly from land-based activities, including marine debris and nutrient pollution

14.2 by 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration, to achieve healthy and productive oceans

14.3 minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels

14.4 by 2020, effectively regulate harvesting, and end overfishing, illegal, unreported and unregulated (IUU) fishing and destructive fishing practices and implement science-based management plans, to restore fish stocks in the shortest time feasible at least to levels that can produce maximum sustainable yield as determined by their biological characteristics

14.5 by 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on best available scientific information

14.6 by 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, and eliminate subsidies that contribute to IUU fishing, and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the WTO fisheries subsidies negotiation<sup>30</sup>

14.7 by 2030 increase the economic benefits to SIDS and LDCs from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism

14.a increase scientific knowledge, develop research capacities and transfer marine technology taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity to the development of developing countries, in particular SIDS and LDCs

14.b provide access of small-scale artisanal fishers to marine resources and markets

14.c ensure the full implementation of international law, as reflected in UNCLOS for states parties to it, including, where applicable, existing regional and international regimes for the conservation and sustainable use of oceans and their resources by their parties

#### **Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss**

15.1 by 2020 ensure conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements

15.2 by 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests, and increase afforestation and reforestation by x% globally

15.3 by 2020, combat desertification, and restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land-degradation neutral world

15.4 by 2030 ensure the conservation of mountain ecosystems, including their biodiversity, to enhance their capacity to provide benefits which are essential for sustainable development

15.5 take urgent and significant action to reduce degradation of natural habitat, halt the loss of biodiversity, and by 2020 protect and prevent the extinction of threatened species

15.6 ensure fair and equitable sharing of the benefits arising from the utilization of genetic resources, and promote appropriate access to genetic resources

15.7 take urgent action to end poaching and trafficking of protected species of flora and fauna, and address both demand and supply of illegal wildlife products

15.8 by 2020 introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems, and control or eradicate the priority species

15.9 by 2020, integrate ecosystems and biodiversity values into national and local planning, development processes and poverty reduction strategies, and accounts

15.a mobilize and significantly increase from all sources financial resources to conserve and sustainably use biodiversity and ecosystems

15.b mobilize significantly resources from all sources and at all levels to finance sustainable forest management, and provide adequate incentives to developing countries to advance sustainable forest management, including for conservation and reforestation

<sup>30</sup> taking into account ongoing WTO negotiations and WTO Doha Development Agenda and Hong Kong Ministerial Mandate

15.c enhance global support to efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities

**Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels**

- 16.1 significantly reduce all forms of violence and related death rates everywhere
- 16.2 end abuse, exploitation, trafficking and all forms of violence and torture against children
- 16.3 promote the rule of law at the national and international levels, and ensure equal access to justice for all
- 16.4 by 2030 significantly reduce illicit financial and arms flows, strengthen recovery and return of stolen assets, and combat all forms of organized crime
- 16.5 substantially reduce corruption and bribery in all its forms
- 16.6 develop effective, accountable and transparent institutions at all levels
- 16.7 ensure responsive, inclusive, participatory and representative decision-making at all levels
- 16.8 broaden and strengthen the participation of developing countries in the institutions of global governance
- 16.9 by 2030 provide legal identity for all including birth registration
- 16.10 ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements
- 16.a strengthen relevant national institutions, including through international cooperation, for building capacities at all levels, in particular in developing countries, for preventing violence and combating terrorism and crime
- 16.b promote and enforce non-discriminatory laws and policies for sustainable development

**Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development**

Finance

- 17.1 strengthen domestic resource mobilization, including through international support to developing countries to improve domestic capacity for tax and other revenue collection
- 17.2 developed countries to implement fully their ODA commitments, including to provide 0.7% of GNI in ODA to developing countries of which 0.15-0.20% to least-developed countries
- 17.3 mobilize additional financial resources for developing countries from multiple sources
- 17.4 assist developing countries in attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries (HIPC) to reduce debt distress
- 17.5 adopt and implement investment promotion regimes for LDCs

Technology

- 17.6 enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation, and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, particularly at UN level, and through a global technology facilitation mechanism when agreed
- 17.7 promote development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed
- 17.8 fully operationalize the Technology Bank and STI (Science, Technology and Innovation) capacity building mechanism for LDCs by 2017, and enhance the use of enabling technologies in particular ICT

Capacity building

- 17.9 enhance international support for implementing effective and targeted capacity building in developing countries to support national plans to implement all sustainable development goals, including through North-South, South-South, and triangular cooperation

Trade

- 17.10 promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the WTO including through the conclusion of negotiations within its Doha Development Agenda
- 17.11 increase significantly the exports of developing countries, in particular with a view to doubling the LDC share of global exports by 2020
- 17.12 realize timely implementation of duty-free, quota-free market access on a lasting basis for all least developed countries consistent with WTO decisions, including through ensuring that preferential rules of origin applicable to imports from LDCs are transparent and simple, and contribute to facilitating market access

Systemic issues

Policy and institutional coherence

17.13 enhance global macroeconomic stability including through policy coordination and policy coherence

17.14 enhance policy coherence for sustainable development

17.15 respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development

**Multi-stakeholder partnerships**

17.16 enhance the global partnership for sustainable development complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technologies and financial resources to support the achievement of sustainable development goals in all countries, particularly developing countries

17.17 encourage and promote effective public, public-private, and civil society partnerships, building on the experience and resourcing strategies of partnerships

**Data, monitoring and accountability**

17.18 by 2020, enhance capacity building support to developing countries, including for LDCs and SIDS, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts

17.19 by 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement GDP, and support statistical capacity building in developing countries





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