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#### INFORMATION NOTE

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From: General Secretariat of the Council  
To: Delegations  
Subject: List of voluntary commitments to be submitted on behalf of the European Union to the Third Session of the UN Environment Assembly of UNEP (Nairobi, 4-6 December 2017)

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Delegations will find attached the list of voluntary commitments to be submitted on behalf of the European Union to the Third Session of the UN Environment Assembly of UNEP (Nairobi, 4-6 December 2017), as endorsed by the Council on 6 November 2017.

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## **List of voluntary commitments to be submitted on behalf of the EU to the Third Session of the UN Environment Assembly**

At the third meeting of the UN Environment Assembly (UNEA-3), to be held in Nairobi 4-6 December 2017, voluntary commitments from governments, private sector and civil society organisations will be announced in relation to the theme of the Assembly, "Towards a Pollution-Free Planet".

The Council Presidency invited the Commission to prepare a set of EU voluntary commitments. DG Environment, in consultation with other Commission services and the EEAS, has compiled a list of EU commitments that are relevant to the theme of the Assembly.

The guiding principle when compiling the list has been to identify, among the vast amount of initiatives that the EU has related to pollution, a relatively limited number of significant commitments that showcase EU leadership. Therefore preference has been given to new or recent actions with an innovative component or that are expected to have high impact to prevent or reduce pollution in the EU or beyond.

The attached list was endorsed by Council on 6 November 2017 and contains 20 commitments covering policy initiatives, funding programmes and research-related actions. The commitments included in the list will be made public through the UNEA-3 online platform <http://www.unep.org/environmentassembly/act-now>.

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# EU VOLUNTARY COMMITMENTS FOR UNEA3

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# 1. EU Plastic Strategy

*Title of commitment \*This question is required.*

EU Plastic Strategy

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

To adopt, by the end of the year, a Plastics Strategy that will set the way for a more circular plastic sector in the European Union.

The upcoming strategy will aim to foster innovation and investments into a more circular plastics value chain and to curb plastic littering and its negative effects, complementing the work already undertaken with the ongoing revision of EU waste legislation. By pursuing these aims, the strategy will also help deliver the Energy Union's vision for a low carbon, energy efficient economy and will provide a tangible contribution to the implementation of the 2030 Sustainable Development Goals. The strategy will also include EU actions to be taken at international level.

In addition to the Plastics Strategy, the Commission will put forward a policy paper addressing the interface between chemical, waste and product policy, which will present options for improving the functioning of the existing EU legal framework, so that it supports the transition to a circular economy. It aims at closing loops for materials and products, encouraging secondary raw materials markets and maintaining a high level of human health and environmental protection.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: December

Start year: 2017

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2030

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

*What type of resources are required to deliver on the commitment? \*This question is required.*

*Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).*

The strategy will need partnerships, research, innovation and investments.

Maximum words: 150 (12 lines).

*What resources have already been mobilized to deliver on the commitment? \*This question is required.*

The Commission has mobilised several of its services to work on the strategy. The European Structural and Investments Funds and other programmes like Horizon 2020 and the Life Programme are already financing actions to make plastics more circular and to fight marine litter.

Maximum words: 150 (12 lines).

## More details on the commitment

*What pollution areas does the commitment address? \*This question is required.*

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

*Does the commitment relate to the following longer-term transformative actions or enabling conditions?*

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	X
Promoting life-long education for change and advocacy	X
Fostering cooperation and partnerships	X

*Which Sustainable Development Goals does the commitment contribute to? \*This question is required.*

*Learn more about the [Sustainable Development Goals](#)*

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X

SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

Paris Agreement on Climate Change, Basel Convention on the control of transboundary movements and disposal of hazardous waste.

Maximum words: 50 (4 lines).

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## 2. EU waste targets

*Title of commitment \*This question is required.*

European Union waste targets

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

Waste targets are among the EU's strongest drivers to improve waste management, increase recycling and reduce landfilling, thereby contributing to a circular economy, saving resources and energy and preventing negative impacts on air, soil and groundwater. Targets are part of EU law since the 1990's for packaging waste, and later for municipal waste, electrical and electronic waste (e-waste), end-of-life vehicles, waste batteries and diversion of biodegradable waste from landfills. They have become gradually more ambitious and include: by 2020, preparing for re-use and recycling of waste materials such as at least paper, metal, plastic and glass from households and possibly from other origins as far as these waste streams are similar to waste from households, shall be increased to a minimum of overall 50% by weight; by 2020, preparing for re-use, recycling and other material recovery, including backfilling operations using waste to substitute other materials, of non-hazardous construction and demolition waste excluding certain naturally occurring material shall be increased to a minimum of 70% by weight. E-waste: by 2019, 85% collection of e-waste generated in a year or 65% of equipment placed on the market, recycling targets for e-waste categories; end-of-life vehicles (85% reuse and recycling); packaging waste (55% overall recycling, accompanied by material-specific targets). New more comprehensive targets for 2030 are being negotiated by the EU legislators based on European Commission proposals to: Recycle 65% of municipal waste by 2030; Recycle 75% of packaging waste by 2030; Reduce landfill to maximum of 10% of municipal waste by 2030.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 01

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2030

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

*What type of resources are required to deliver on the commitment? \*This question is required.*  
*Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).*

Each EU Member State decides on the means to implement the waste legislation in their territories. Implementation often involves a mixture of legislation, policy instruments, financial means and partnerships between different administrative entities (e.g. local, regional) and stakeholders.

Extended producer responsibility is an important source of financing the management of specific waste streams under EU legislation and policy. This provides a tool to promote the waste hierarchy and increase recycling.

Please see further on the Commission's circular economy proposals:  
[http://ec.europa.eu/environment/circular-economy/index\\_en.htm](http://ec.europa.eu/environment/circular-economy/index_en.htm).

Maximum words: 150 (12 lines).

*What resources have already been mobilized to deliver on the commitment? \*This question is required.*

EU funding is not provided specifically for the achievement of waste management targets which is a legal obligation. However, EU cohesion policy provides policy implementation support relevant to the circular economy, e.g. EUR 6bn for waste management in 2007-2013. In the current funding period 2014-2020, conditions for funding are in place to ensure that new investments in the waste sector support the waste management plans designed by Member States to meet their recycling targets. The EU support for the 2014-2020 period for innovation, SMEs, low carbon economy and environmental protection amounts to EUR 150 billion and many of these areas are contributing to the achievement of a circular economy.

Further, the EU's research and innovation Framework Programme Horizon 2020 and the LIFE programme are funding and supporting projects relevant to the circular economy, such as on waste prevention, recycling and reuse.

Maximum words: 150 (12 lines).

## More details on the commitment

*What pollution areas does the commitment address? \*This question is required.*

Air	
Chemicals and waste	X
Land and soil	
Marine and coastal	
Water	

*Does the commitment relate to the following longer-term transformative actions or enabling conditions?*

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	
Integrating policies to tackle pollution	
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	
Improving pollution-related governance and policies	



Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	

*Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.** Learn more about the [Sustainable Development Goals](#)*

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

Maximum words: 50 (4 lines).

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### 3. EU strategic approach to pharmaceuticals in the environment

*Title of commitment \*This question is required.*

EU strategic approach to pharmaceuticals in the environment

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

Pollution of the environment by human and veterinary pharmaceutical substances is an emerging environmental problem. The manufacture, use and disposal of active pharmaceutical ingredients (APIs) leads in various ways to their release into the environment and some APIs may pose a risk. Even when the concentrations of some APIs might be too low to have an effect on their own, there could be combination effects.

For this reason, the EU has committed to adopt a strategic approach to pharmaceuticals in the environment.

The strategic approach will list policy options that could address the problem of pollution, particularly of the aquatic environment, by APIs. Based on this, the most promising policy options will be taken forward in the coming years. These could be of regulatory or non-regulatory in nature.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 06  
Start year: 2018

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12  
End year: 2030

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

An estimate of the resources for the implementation of the commitment cannot yet be made, as the exact policy options to be taken forward have yet to be determined.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The necessary human and financial resources have been invested to map the problem, the potential solutions and consult with stakeholders.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X

SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

World Health Organisation Action Plan on antimicrobial resistance (AMR)
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Maximum words: 50 (4 lines).

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## 4. Marine pollution

*Title of commitment \*This question is required.*

Funding and policy actions to prevent and reduce marine pollution in the EU and beyond

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

The following EU actions and initiatives for the protection of the marine environment (some previously announced at international oceans conferences in 2017) have particular relevance for tackling marine pollution. The EU will:

- provide EUR 40 million to support research on low emission and advanced waterborne transport;
- support with EUR 12 million two innovation projects on cleaning actions on marine litter and other pollutants;
- propose draft measures in 2018 to reduce the discharges of ship generated waste and cargo residues into the sea, through adaptation of relevant EU law to developments under MARPOL;
- contribute EUR 2 million to support the implementation of the Marine Strategy Framework Directive and invest EUR 4.1 million to support regional and inter-regional cooperation in this context;
- follow an ecosystem approach to achieve the good environmental status of EU Member States' marine waters by 2020;
- provide a gateway to information on European water issues for the general public and stakeholders, “WISE-Marine”, in support of ocean governance and eco-system based management;
- commit EUR 2.85 million for marine pollution prevention and preparedness projects and EUR 2.5 million for marine pollution exercises to support and complement cross-border cooperation efforts between EU countries and with selected countries in the EU's vicinity;
- provide financial support, notably from the European Maritime and Fisheries Fund, to promote marine litter clean-up as a complement to prevention measures;
- propose threshold values for marine litter, underwater noise and seabed integrity for the sustainable use of the marine environment.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 01  
Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12  
End year: 2030

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Funding will be provided as specified in the description of the actions. In addition, identified policy measures and implementation of the actions will require a range of human, administrative and technical resources as well as partnership and cooperation with a range of stakeholders.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

Indicated funding has been committed and will be deployed in the coming years as required by the implementation of the projects.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	
Chemicals and waste	
Land and soil	
Marine and coastal	X
Water	

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	

SDG6 CLEAN WATER AND SANITATION	
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

UN Convention on the Law of the Sea; regional sea conventions; MARPOL Convention for the Prevention of Pollution from Ships

Maximum words: 50 (4 lines).

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## 5. National Emissions Ceiling Directive

*Title of commitment \*This question is required.*

European Union Directive on the reduction of national emissions of certain atmospheric pollutants (NEC Directive -- [Directive 2016/2284/EU](#))

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

In order to move towards achieving levels of air quality that do not give rise to significant negative impacts on and risks to human health and the environment, the directive establishes the emission reduction commitments for the EU Member States' emissions of sulphur dioxide (SO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), non-methane volatile organic compounds (NMVOC), ammonia (NH<sub>3</sub>) and fine particulate matter (PM<sub>2.5</sub>). It requires the implementation of national air pollution control programmes that include monitoring and reporting of emissions and their impacts.

- SO<sub>2</sub> emissions of the whole EU will be reduced by 59 % in 2020 and 79 % in 2030 compared to 2005 emissions.
- NO<sub>x</sub> emissions will be reduced by 42 % in 2020 and 63 % in 2030.
- NMVOC emissions will be reduced by 28 % in 2020 and 40 % in 2030.
- NH<sub>3</sub> emissions will be reduced by 6 % in 2020 and 19 % in 2030.
- PM<sub>2.5</sub> emissions will be reduced by 22 % in 2020 and 49 % in 2030.

The commitment is expected to reduce health impacts in the EU (premature mortality due to particulate matter and ozone) by 33 % in 2020 and just less than 50 % in 2030 compared to 2005.

By not later than 31 December 2025 the EU will review its emission reduction commitments for the period after 2030 in order to safeguard progress towards achieving levels of air quality in line with the levels recommended by the WHO and to reduce air pollution below critical loads and levels.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: December

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: December

End year: 2030

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	



What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Both financial and non-financial resources may and can be used to implement the reduction commitments of EU Member States.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The Directive has obliged all Member States to individual reduction commitments. Mobilisation of the resources needed is the responsibility of Member States.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	
Land and soil	
Marine and coastal	
Water	

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X

SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

The commitment is a legislative act of the European Union. Part of the commitment (2020 reduction) is also a commitment under the Gothenburg Protocol to the UNECE Convention on Long-Range Transboundary Air Pollution.

Maximum words: 50 (4 lines).

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## 6. Reducing industrial emissions in the EU by the use of Best Available Techniques

*Title of commitment \*This question is required.*

Reducing industrial emissions in the EU by the use of Best Available Techniques

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

### **Commitment to reduce environmental impacts of large industrial installations.**

**Objective:** All large industrial installations within the EU will have their environmental permits updated to ensure that the environmental impact of their operations is in line with the performance levels achievable with the use of Best Available Techniques (BAT).

**Approach:** The permits will cover, in an integrated way, emissions to air, water, soil as well as energy efficiency, resource consumption and waste.

Permit reviews will be based on legally binding BAT conclusions which will contain requirements to avoid, reduce, mitigate, measure, monitor, and/or manage pollution where appropriate. Associated emission levels contained in each set of BAT conclusions will provide the reference for updating permits within four years. The conclusions will be developed with the active participation of relevant stakeholders and apply in the whole of the EU. They will form part of a Best Available Techniques reference document (BREF).

#### **Outcomes:**

- By 2020 reviews of BREFs will have started for all sectors.
- By 2025 BAT conclusions will have been adopted for all sectors.
- By 2030 all permits for installations in the covered sectors will have been updated and the installations will have deployed Best Available Techniques.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: January

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: December

End year: 2030

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

<p>Technical working groups for each BREF with appropriate stakeholders to agree on key environmental issues, gather data on techniques in use and their environmental performance and assess the information gathered. Stakeholders will include industry, EU Member States and environmental NGOs.</p> <p>Collation of the information collected and its assessment and analysis to identify the Best Available Techniques (BAT) and their Associated Emission Levels (BAT-AELs).</p> <p>Sufficient knowledgeable and experienced staff to oversee the technical working groups and manage the data gathering and assessment processes.</p> <p>Rules and procedures to manage the overall process and finalise legally binding conclusions. Publication of the BREFs to make them available for use internationally and advice to other countries which wish to replicate the process or use the BREFs themselves.</p>
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Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

<p>A process for carrying out BREF reviews has been established in a legally binding Decision of the European Commission.</p> <p>Sufficient staff have been mobilised to create the European Integrated Pollution Prevention and Control Bureau (EIPPCB) to carry out the management of the BREF reviews.</p> <p>A library of existing BAT reference documents exists.</p> <p>A pool of stakeholder organisations is identified to oversee the work and nominate members of the working groups required to carry out each of the BREF reviews.</p> <p>Member States have Competent Authorities which are responsible for issuing and reviewing permits for relevant industrial installations.</p>
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Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements?  
Which ones? The commitment contributes to the goals of the Convention on Long-range Transboundary Air Pollution (CLRTAP) and Minamata Convention on Mercury.

Maximum words: 50 (4 lines).

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## 7. EU addresses pollution from fluorinated greenhouse gases

*Title of commitment \*This question is required.*

EU addresses pollution from fluorinated greenhouse gases

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

Fluorinated gases ('F-gases') are powerful greenhouse gases used in industrial applications, with a global warming effect up to 23 000 times greater than carbon dioxide (CO<sub>2</sub>). The EU has taken action to address their effects by adopting a Regulation already in 2006. This was subsequently replaced by a more ambitious instrument in 2014 which envisages, inter alia, a phase-down of hydrofluorocarbons (HFCs), the most frequently used F-gases and therefore the most relevant from a climate perspective.

This EU efforts will contribute significantly to the objectives of the 2016 Kigali Amendment of the Montreal Protocol on substances that deplete the ozone layer, which adds HFCs to the list of controlled substances, envisaging a step-wise reduction (phase-down) of their consumption and production at a global level. This amendment will reduce the contribution of these substances to climate change.

The EU phase-down schedule is more ambitious than that foreseen in the Kigali amendment: the implementation of the EU phase-down of HFCs has already started, as from 1 January 2015, with a freeze and a first reduction step in 2016. It is also wider in scope as it also covers HFCs contained in certain equipment and not just in bulk. The phase-down schedule in the EU regulation is expected to reduce more than 50% the use of HFCs in the period 2021-2028 in relation to the levels required by the Kigali Amendment.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 01

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2030

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Implementation of the EU Regulation is the responsibility of the EU Member States. They mobilise a range of financial and non-financial means to achieve the set targets. In addition, at international level, the EU Member States, as parties to the Montreal Protocol, contribute financially to its Multilateral Fund (financial resources) and provide legal and administrative expertise in the relevant meetings.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

See above

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	
Land and soil	
Marine and coastal	
Water	

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	

SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

The EU regulation contributes to the Kigali amendment of the Montreal Protocol, which in turn is a necessary contribution to the implementation of the Paris Agreement as regards its objective to keep the global temperature increase well below 2°C above pre-industrial levels and to pursue efforts to limit the temperature increase even further to 1,5°C above pre-industrial levels.

Maximum words: 50 (4 lines).

*Disclaimer: the information provided through this questionnaire will be made public for promoting collaboration, sharing knowledge, and engaging other stakeholders.*

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## 8. LIFE Programme

*Title of commitment \*This question is required.*

The EU LIFE Programme funds projects to tackle pollution

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

The LIFE Programme, which covers the period from 1 January 2014 to 31 December 2020, is the EU's financial instrument supporting environmental, nature conservation and climate action projects throughout the EU.

The general objectives of LIFE include, amongst others, to contribute to the shift towards a resource-efficient, low-carbon and climate-resilient economy, the protection and improvement of the quality of the environment, tackling the degradation of ecosystems and to support better environmental and climate governance at all levels, including better involvement of civil society, NGOs and local actors. In line with the general objectives of LIFE, a relevant number of LIFE projects tackle pollution either directly or indirectly.

A notable example of LIFE's commitment to address pollution is represented by LIFE Integrated Projects, which implement environmental legislation and goals on a wide scale.

In this regard, the LIFE Integrated Project *Małopolska* aims at the implementation of an air quality plan in the Małopolska region of Poland, and regional and local air quality policies in the province of Silesia, as well as adjacent regions in Slovakia and the Czech Republic. Further information about the project is available at: [http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n\\_proj\\_id=5440](http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=5440)

The LIFE Integrated Project *Living River Lahn - one river, many interests*, which amongst others, aims to improve the ecosystem services the river provides while creating water retention areas and identify to pollution sources improve water quality, is another relevant example. Further information about the project is available at:

[http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n\\_proj\\_id=5438](http://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=5438)

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 01

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2020

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

The financial envelope for the implementation of the EU LIFE Programme for the period from 2014 to 2020 is set at close to EUR 3.5 billion. Part of the budget of the Programme will be used in order to implement projects that directly or indirectly reduce or prevent pollution, such as the ones mentioned above.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

In 2016 and 2017 the European Commission has already approved investments for over EUR 400 million to fund “traditional” and Integrated projects on environment, nature and climate action through the LIFE Programme. A significant number of the funded projects will reduce or prevent pollution directly or indirectly.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	X
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	X
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	X

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

Maximum words: 50 (4 lines).

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## 9. Information Platform for Chemical Monitoring (IPCHEM)

*Title of commitment \*This question is required.*

The Information Platform for Chemical Monitoring (IPCHEM)

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

The EU is committed to provide global access to chemical occurrence data, covering past and future monitoring to facilitate taking policy decisions and implementation actions to protect human health and the environment. One of the central tools developed by the EU is IPCHEM (<https://ipchem.jrc.ec.europa.eu>), the purpose of which is to provide open access to existing and future chemical monitoring data cross-cutting the policy and scientific domains of chemicals, environment and health. It provides access to data that are managed by or available to the European Commission Services, Agencies, Member States, international organisations, national organisations and researchers. As such IPCHEM is a web-based portal and infrastructure that allows any stakeholder for *searching, accessing, retrieving, assessing and sharing* of chemical occurrence (chemical monitoring) data across all media (e.g. environment, humans, food & feed, indoor air and consumer products).

IPCHEM provides many benefits, inter alia:

- (1) Facilitates identification of areas of high exposure to chemicals and/or potential sources of pollution, helping prioritising policy action to reduce risks.
- (2) Facilitating exposure and risk assessment practices in support of chemical, health and environmental policies including exposure to multiple chemicals from different sources and pathways;
- (3) Streamlining a more efficient use of data and lightening reporting obligations.
- (4) Ensures that information on chemical monitoring is timely and readily available at one single point in a structured way.

Continuous development of IPCHEM will substantially increase the amount of data available, improve the functionalities of the platform to better serve the needs of policy making and scientific evaluations and further enlarge geographical scope.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: January

Start year: 2016

What is the projected end date?  
(Not earlier than 01/2016, no later than 12/2030)

End month: December End year: 2020
---------------------------------------

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Both financial and non-financial resources are used for the IPCHEM's development, implementation (integration of data collection, interoperability with other relevant information systems, data quality control) and maintenance.
--

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The IPCHEM database has a central architecture which has been developed and maintained by the European Commission. The data sources contained within it are largely provided decentralised and are hosted by different European institutions and agencies, as well as by Member States that hold the responsibility over the quality of the data provided.
--

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	
Integrating policies to tackle pollution	
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

The commitment supports also the Stockholm Convention on Persistent Organic Pollutants; POPs protocol under the UNECE Convention on Long-Range Transboundary Air Pollution, the Strategic Approach to International Chemicals Management (SAICM) and the Minamata Convention on Mercury.

Maximum words: 50 (4 lines).

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## 10. Copernicus services to monitor pollution

*Title of commitment \*This question is required.*

The European Union Earth Observation and Monitoring Programme – Copernicus Programme.

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

*Copernicus* is the European Union Earth Observation and Monitoring programme. It is a cornerstone of the EU's efforts to monitor our planet and its environment. Thanks to a variety of technologies - from satellites in space (in particular the EU Sentinel satellites) to measurement systems on the ground, in the sea and in the air- Copernicus provides a wealth of Earth observation data and information which is made available to all interested users on a free, full and open basis (see [www.copernicus.eu](http://www.copernicus.eu)). The Six Copernicus Services (land, marine, atmosphere, emergency, security and climate change) process and analyse the satellite and other data in order to produce value-added information such as maps, analyses and forecasts. Many of these applications are designed to monitor and better manage atmospheric, land or marine pollution and environmental degradation (e.g. air pollution by Copernicus Atmosphere Monitoring Service, quality of fresh waters by Copernicus Land Monitoring Service, marine biogeochemical components by Copernicus Marine Monitoring Service).

By In the next ten years, Copernicus is expected to see a) an extension of product portfolios as new Sentinel satellites are being launched, b) an improved integration of products across services, and c) the growing development of innovative value-added applications thanks to new cloud processing capacities and tools (Copernicus Data and Information Access Service).

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: January

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: December

End year: 2020 for the current financial programming of the Copernicus programme (2014-2020), but next phase of the programme is under preparation for the post 2020 era (next EU Multi-annual Financial Framework)

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Financial resources are foreseen through annual work programmes adopted by the European Commission.
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Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The budget allocated to the Copernicus programme for the period 2014-2020 is €4.3 billion. .
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Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	X
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	X
SDG2 ZERO HUNGER	X
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	X



SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

The Copernicus programme is supporting the work of the UN Committee of Experts on Global Geospatial Information Management (UN-GGIM), GEOSS or SEIS, among others

Maximum words: 50 (4 lines).

- 0 -

## 11 EU Research and Innovation for reducing environmental pollution, associated health risks, and promoting the circular economy - in the EU and the world

*Title of commitment \*This question is required.*

EU research and innovation for reducing environmental pollution, associated health risks, and promoting the circular economy, in the EU and elsewhere in the world

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

The European Commission is committed to funding research and innovation for reducing environmental pollution, together with associated health risks, and promoting the circular economy through Horizon 2020 – the European Union's programme for research and innovation.

For the programming period 2018 to 2020, funding is allocated for pollution-related research and innovation topics which cut across the five areas of pollution (as well as associated health risks), i.e. air, land and soil, chemicals and waste, water, and marine and coastal environments.

The following are just a few examples of the wide range of areas covered:

Projects will be funded to develop bio-based plastic materials and to promote reuse of plastic waste material. Funding will be allocated also towards detection of greenhouse gas emissions from cars, ships, and aircraft, with the aim of improving air quality. To help curb pollution worldwide, international cooperation between the EU and other countries will be strengthened, e.g. through developing innovative and affordable solutions for wastewater treatment in rural and urban areas in India.

For the period 2018-2020 over EUR 11 billion has been earmarked for "bottom-up", researcher-led research and innovation. While grants are awarded according to scientific excellence and/or innovation potential, projects tackling various aspects of pollution are likely to be funded in that context.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: October

Start year: 2018

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: (to be determined based on successful project proposals)

End year: 2025

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

To deliver on the commitment, public funds are required from the budget of the European Union as part of the Horizon 2020 programme for research and innovation. For the 2018-2020 programming period, the total funding which addresses the different types of pollution is approximately EUR 1.5 billion. Furthermore, about EUR 500 million is devoted to clean energy which will have a direct and long-term positive effect on air pollution.

Funding from the EU Member States (and non-EU countries associated to Horizon 2020) and, importantly, from the private sector would promote further the achievement of pollution-related objectives. This would assure the continuation of the diverse range of research and innovation partnerships and consortia which address aspects of pollution. Several examples of such partnerships are outlined in the box below.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

Funding from Horizon 2020 has been mobilized through the following partnerships:

Public-public partnerships (so-called Joint Programming Initiatives) have been established on climate, water, the urban environment, as well as agriculture, food security, and climate change.

Moreover, public-private partnerships have been established on Bio-based Industries, Clean Sky 2 (air quality), European Green Vehicles Initiative (EGVI), Sustainable Process Industry through Resource and Energy Efficiency (SPIRE), and Energy Efficient Buildings (EEB).

The European Commission is also directing the international initiative on the Group on Earth Observations (GEO), and has enabled the creation of the Global Earth Observation System of Systems (GEOSS), underpinned by Horizon 2020 funded projects for an annual amount of 30 million euro. GEO implements a number of initiatives addressing pollution such as GEO Carbon and GHG Initiative to provide comprehensive knowledge on changes in the global carbon cycle and GHG emissions as a result of human activities and global changes.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	X
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	X
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

The commitment contributes to the 2015 Paris Agreement on Climate Change, 2015 Sendai Framework for Disaster Risk Reduction, 2016 New Urban Agenda (UN HABITAT), as well as the G7 Future of the Seas and Oceans Initiative.

Maximum words: 50 (4 lines).

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## 12. Cohesion policy actions to tackle pollution

*Title of commitment \*This question is required.*

EU cohesion policy invests in the fight against pollution.

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

EU cohesion policy will invest in the EU's Member States and their regions to preserve and protect the environment and to promote resource efficiency. Until 2020, these investments will entail more than 25 billion euro, which comes on top of 10 billion already decided from 2014 onwards. Cohesion policy is helping to fight pollution and preserve natural assets such as water, nature and biodiversity, clean air or raw materials. Through these investments, cohesion policy contributes significantly to the implementation of EU environmental policies in the fields of water management, waste management, biodiversity, air quality and others. The expected results include 16.9 million people benefitting from improved wastewater treatment and 18.7 million hectares of habitats supported to attain better conservation.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: January

Start year: 2017

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2023

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

*What type of resources are required to deliver on the commitment? \*This question is required.*

*Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).*

The investments entail more than 35 billion in the period 2014-2020 from the European Regional Development Fund and the Cohesion Fund, complemented by national co-funding. In addition, Member States and their regional and local authorities receive technical assistance and can benefit from various capacity-building tools (such as the REGIO-TAIEX PEER2PEER tool, the European Network of Environmental and Managing Authorities, JASPERS, etc.).

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

At the end of 2016, almost 10 billion EUR (of the more than 35 billion EUR dedicated for environmental protection up to 2020) were allocated to specific projects.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	X
Promoting life-long education for change and advocacy	X
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X

SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

Maximum words: 50 (4 lines).

*Disclaimer: the information provided through this questionnaire will be made public for promoting collaboration, sharing knowledge, and engaging other stakeholders.*

- 0 -

### 13. The new EU Urban Agenda

*Title of commitment \*This question is required.*

Urban Agenda for the EU

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

The Urban Agenda for the EU is an integrated and coordinated approach to deal with the urban dimension of EU and national policies and legislation. By focusing on concrete priority themes within dedicated Partnerships, the Urban Agenda seeks to improve the quality of life in urban areas. The Urban Agenda focuses on the three pillars of EU policy making and implementation: Better regulation, Better funding and Better knowledge.

Twelve Partnerships have been defined so far, of which the following are directly or indirectly relevant to pollution in the urban environment:

- Air Quality
- Circular Economy
- Urban Mobility
- Energy Transition
- Climate Adaptation
- Sustainable Use of Land and Nature-Based Solutions.

Each Partnership involves, on a voluntary and equal basis, cities, EU Member States, the European Commission and stakeholders such as NGOs or businesses. Action plans are being prepared to develop and implement concrete actions to successfully tackle challenges of cities, including to foster a clean and healthy urban environment.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 05

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2019



Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

The Urban Agenda for the EU is based on multi-stakeholder partnerships and therefore draws on human and financial resources from all partners (local, regional, national and EU levels, as well as stakeholders such as non-governmental organisations, business representatives, researchers, etc.).

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The coverage of the Partnerships is very broad: 22 Member States, 84 cities, 13 Directorates-General of the European Commission, two associations of cities (Eurocities and the Council of European Municipalities and Regions), the European Investment Bank and several stakeholders such as associations, non-governmental organisations, research and education bodies, and business organisations.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	
Improving pollution-related governance and policies	X
Introducing market-based instruments	X
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	X
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	X
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	X
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

The Urban Agenda for the EU contributes to the implementation of the New Urban Agenda on EU territory, and as such has been put forward as a commitment in the context of the UN Habitat III Conference in 2016.

Maximum words: 50 (4 lines).

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## 14. Supporting partner countries in the EU Neighbourhood as well as EU candidate countries and potential candidates in addressing environmental and climate change issues

*Title of commitment \*This question is required.*

Supporting partner countries in the EU Neighbourhood as well as EU candidate countries and potential candidates in addressing environmental and climate change issues.

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

Supporting partner countries in order to achieve an approximation to EU standards and reach internationally agreed goals. Major EU actions focussing on information sharing, funding and investment include:

- Supporting countries applying for EU membership in addressing environmental issues (> EUR 1 billion for environment projects through bilateral and regional funding 2014-2020)
- A dedicated "blending" mechanism for Western Balkans for projects dedicated to environment infrastructure, mostly water and wastewater systems.
- Technical assistance for Enlargement and Neighbourhood countries (e.g. a Twinning-Project 2017-2019 in Georgia to improve national legislation on industrial pollution)
- A dedicated "blending" mechanism for Neighbourhood countries for projects in areas such as water and waste management, energy efficiency, or urban transport.
- Two new 4-year projects (2016 - 2020) to improve the knowledge base for environmental policy and reduce administrative burden in the partner countries (ca. EUR 11 million).
- Supporting Eastern Partnership countries in the development and implementation of policies addressing water quality and water resources management at the river basin level (EUR 23.8 million).
- Addressing pollution entering the Mediterranean Sea and climate change, through environmental investments, capacity building, monitoring the state of the Mediterranean environment, research and technical assistance (EUR 6 million, 2015-2018) and through policy advice to governments and local authorities, and promotion of investments through climate finance tools (EUR 8 million).
- Demonstration projects, technical assistance and capacity-building activities contributing to reduced marine pollution, sustainable use of scarce water resources, integrated water resource management and open access to data in Southern European partners (EUR 15.6 million; 2016-2020)
- 

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 01  
Start year: 2016

What is the projected end date?  
(Not earlier than 01/2016, no later than 12/2030)

End month: 12 End year: 2020
---------------------------------

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Financial resources are delivered through a comprehensive mix of instruments.
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Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

See commitment description above
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Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	X
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	X
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	X
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	X
SDG17 PARTNERSHIP FOR THE GOALS	X

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

- Espoo, Aarhus, Barcelona and Bern Conventions
- UNECE/WHO Protocol on Water and Health.
- Paris Agreement
- Rio Convention markers (e.g. on climate change, biodiversity diversity)

Maximum words: 50 (4 lines).

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## 15. Supporting access on sustainable energy, renewable energy production and fight against climate change

*Title of commitment \*This question is required.*

Supporting access to sustainable energy, renewable energy production and fight against climate change

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

In their new Consensus on Development, the EU and its Member States address energy poverty by contributing towards universal access to energy services that are affordable, modern, reliable and sustainable, with a strong focus on renewable energy and the fight against climate change.

In 2014-2020 the EU grants to be allocated to sustainable energy actions in developing countries amount indicatively to EUR 3.7 billion. Of this budget around EUR 2.7 billion are for Sub-Saharan Africa. Sustainable energy is one of the five priorities identified for the EU's thematic development programme Global Public Goods and Challenges.

With an expected contribution to additional 6.5 GW of renewable energy generation capacity by 2020, the EU should contribute to about 15 million tons CO<sub>2</sub> equivalent saved per year.

The EU launched a financing initiative, ElectriFI, which aims to boost private sector investments providing access to reliable, affordable and sustainable electricity and energy services in developing countries. The total allocations expected for ElectriFI until 2020 amount to at least EUR 300 million. One of the first ElectriFI projects is NextGen Solawazi, a 5 MW solar photovoltaic power plant to be connected to the isolated mini-grid of the Kigoma region to support the strategic rural electrification efforts of the Government of Tanzania.

The EU is investing EUR 20-30 million around Virunga National Park in DR Congo to develop hydroelectric power supply for clean electricity. The goal is to reduce the illegal cutting of trees to make charcoal for cooking and to improve health by reducing indoor air pollution.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 01  
Start year: 2016

What is the projected end date?  
(Not earlier than 01/2016, no later than 12/2030)

End month: 12 End year: 2030
---------------------------------

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Both financial and non-financial resources
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Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The EUR 3.7 billion indicated above include all funds that are considered potentially available for energy in the whole period 2014-2020.
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Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	
Land and soil	
Marine and coastal	
Water	

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	
SDG7 AFFORDABLE AND CLEAN ENERGY	X
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

Paris Agreement on Climate Change

Maximum words: 50 (4 lines).

- 0 -



## 16. Special Programme to support institutional strengthening at the national level for implementation of the Basel, Rotterdam and Stockholm Conventions, the Minamata Convention and the Strategic Approach to International Chemicals Management

*Title of commitment \*This question is required.*

Special Programme to support institutional strengthening at the national level for implementation of the Basel, Rotterdam and Stockholm Conventions, the Minamata Convention and the Strategic Approach to International Chemicals Management.

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

The Special Programme was adopted by the United Nations Environment Assembly (UNEA-1, resolution 1/5) with the aim of supporting nations in the implementation of the Basel, Rotterdam and Stockholm conventions, the Minamata Convention and the Strategic Approach to International Chemicals Management (SAICM). The Programme's objective is to support country-driven institutional strengthening at the national level, in the context of an integrated approach to address the financing of the sound management of chemicals and wastes to increase sustainable public institutional capacity for the sound management of chemicals and wastes throughout their life cycle. The Programme's expected outcome is to ensure that chemicals and waste management is adequately addressed in international, regional and national decision making and determined actions are taken by countries to manage chemicals and waste soundly and thus contribute to enhanced human well-being. Financing is channelled through a Trust Fund.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: January

Start year: 2017

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: December

End year: 2023

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

The EU has allocated EUR 11 million to the Special Programme. Additional contributions from Sweden, Germany, the Netherlands, Finland, Austria and Denmark (as well as from Norway and the USA) have contributed additional EUR 7 million. Beneficiary countries will contribute resources equal to the value of at least 25 % of the total allocation.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The EU's above-mentioned financial contribution has already been formally committed.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	X

SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	X

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

The commitment contributes to the implementation of the Strategic Approach to International Chemicals Management (SAICM), the Minamata Convention on Mercury, the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal, the Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade, and the Stockholm Convention on Persistent Organic Pollutants.

Maximum words: 50 (4 lines).

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## 17. EU SWITCH to Green initiative

*Title of commitment \*This question is required.*

EU SWITCH to Green initiative

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

SWITCH to Green is the EU's flagship international initiative on the inclusive green economy, putting together the regional SWITCH programmes in Asia, the Mediterranean and Africa. The EU has recently committed an additional EUR 60 million to the initiative, with calls for proposals launched recently to award new projects by the end of 2017 in Asia and Africa.

The SWITCH programmes support the development of green economy frameworks and the adoption of sustainable consumption and production (SCP) practices by the private sector – in particular micro, small and medium-sized enterprises (SMEs). National governments in Africa and Asia, the UN Environment Programme, business organisations and civil society are all key partners of the initiative which contributes directly to SDG 12 as well as other targets of the 2030 Agenda such as decent job creation and the decoupling economic growth from environmental degradation.

The new commitment will allow the funding of approximately 25 projects in diverse sectors such as garment, agri-business, integrated waste management, sustainable tourism etc. Projects will be implemented through partnerships between EU organisations and partners from Asian and African countries. Their direct focus will be on SCP practices, with a view to achieve impact in terms of job creation, green investments mobilisation, economic growth, and lower environmental degradation such as reduced resource consumption, decreased pollution over the full cycle of products, and greenhouse gas emissions.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 12

Start year: 2017

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2021

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

*What type of resources are required to deliver on the commitment? \*This question is required.*  
*Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).*

The EU has allocated an additional EUR 60 million to the existing SWITCH initiative. At least 10% of co-financing has been committed by project implementers. Additional resources are expected to be leveraged during projects implementation, notably through activities aimed at supporting SME access to finance.

The new projects supported will include a mix of complementary activities such as awareness raising, capacity building, technical assistance, advocacy activities, policy and business to business dialogue. Activities supporting the development of enabling frameworks and the adoption of SCP practices are meant to reinforce each other, with improved frameworks facilitating changes in business practices, while lessons from projects with the private sector will feed into policy development. Mechanisms are in place to facilitate programme coordination and interaction between these different components.

Maximum words: 150 (12 lines).

*What resources have already been mobilized to deliver on the commitment? \*This question is required.*

The EU financial contribution has already been formally committed

Maximum words: 150 (12 lines).

## More details on the commitment

*What pollution areas does the commitment address? \*This question is required.*

Air	X
Chemicals and waste	X
Land and soil	X
Marine and coastal	
Water	X

*Does the commitment relate to the following longer-term transformative actions or enabling conditions?*

Building circularity in production processes and supply chains and key economic sectors	X
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	
Improving pollution-related governance and policies	
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	X
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	X
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

The new commitment contributes to the 10 Year Framework Programme on Sustainable Consumption and Production.

Maximum words: 50 (4 lines).

- 0 -

## 18. Support to water and sanitation projects

*Title of commitment \*This question is required.*

Support to tackle pollution through wastewater treatment and access to sanitation facilities

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

Increased discharges of inadequately treated wastewater are contributing to the degradation of water quality in surface and groundwater. As water pollution critically affects water availability, it needs to be properly managed in order to mitigate the impacts of increasing water scarcity. Efficient sanitation systems are therefore crucial for protecting and promoting human health and clean environment. Improving sanitation has massive benefits for human health. Preventing pollution in the first place is a much more effective option than cleaning up polluted ecosystems. The EU supports various initiatives globally to increase access to sanitation facilities and wastewater treatment. These actions, implemented mainly in Sub-Saharan Africa, will focus both on urban and rural areas and will be dedicated to the construction and rehabilitation of latrines, drainage schemes and wastewater treatment plants as well as to support policy reforms and capacity building activities.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 01

Start year: 2016

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 12

End year: 2021

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

*What type of resources are required to deliver on the commitment? \*This question is required.*

*Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).*

Both financial and non-financial.

The biggest part of the resources will be dedicated to infrastructure development and rehabilitation but capacity building activities and technology transfer are also foreseen.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

The EU commitment concerns ongoing actions started from 2016. The EU financial contribution has already been mobilised for an overall amount of more than EUR 115 million.

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	
Chemicals and waste	X
Land and soil	
Marine and coastal	X
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	X
Putting in place evidence based decision-making (data, information, monitoring and assessment)	
Improving pollution-related governance and policies	
Introducing market-based instruments	
Promoting life-long education for change and advocacy	X
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**

Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	



SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

*Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?*

Maximum words: 50 (4 lines).

- 0 -

## 19. EU-China cooperation on water and the China EU Water Platform (CEWP)

*Title of commitment \*This question is required.*

European Union (EU)-China cooperation on water and the China EU Water Platform (CEWP)

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

This action aims to enhance EU cooperation with China on water issues through activities leading to policy, regulation and management recommendations. It is expected to contribute to the establishment of a formal High Level policy dialogue on water issues and to promote business and innovation opportunities.

This project will primarily focus on the implementation of selected activities included in the China Europe Water Platform (CEWP) Work Programme in four focus areas : (i) Rural Water and Food Security; (ii) Water and Urbanisation; (iii) River Basin Management Plans including Water Management and Ecological Security; and (iv) Water and Energy Security.

Expected results:

- 1: policy recommendations for the management of water resources are formulated;
- 2: cooperation on water management between EU/EU Member States and China is enhanced and the enabling conditions are created to contribute to the creation in the longer term of a formal policy dialogue on water between the EU and China, addressing in a structured way different aspects of water management;
- 3: exchanges of experiences at policy, technical (including demonstration projects), and business levels, thus strengthening cooperation between China and the EU;
- 4: opportunities for EU companies that can offer new technologies and systems and that can help address the challenges China faces.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: 12  
Start year: 2017

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: 06  
End year: 2021

Is the commitment going to be monitored? **\*This question is required.**

YES	X
NO	

What type of resources are required to deliver on the commitment? **\*This question is required.**  
Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).

Technical and financial monitoring of the implementation of this action will be a continuous process involving all CEWP parties in their respective fields of activity. The implementing partners establish a permanent internal, technical and financial monitoring system for the action and elaborate regular progress reports and final reports.

Maximum words: 150 (12 lines).

What resources have already been mobilized to deliver on the commitment? **\*This question is required.**

EUR 6 million

Maximum words: 150 (12 lines).

## More details on the commitment

What pollution areas does the commitment address? **\*This question is required.**

Air	
Chemicals and waste	
Land and soil	
Marine and coastal	
Water	X

Does the commitment relate to the following longer-term transformative actions or enabling conditions?

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

Maximum words: 50 (4 lines).

- 0 -

## 20. European Union's support to the development of an India-EU Water Partnership (IEWP)

*Title of commitment \*This question is required.*

European Union's support to the development of an India-EU Water Partnership (IEWP)

Maximum characters: 350 (4 lines).

*Describe the commitment \*This question is required.*

*Include objectives, approach, and outcomes to be achieved by 2020, 2025 and 2030*

By facilitating the establishment of an India-EU Water Partnership (IEWP), this action aims to contribute to the setup and consolidation of the political and strategic framework for a more coherent and effective cooperation between the EU and India on water management issues.

This partnership will bring together national and local governments, businesses and other key stakeholders for the promotion of innovative approaches and for the elaboration of new policies and/or legislation on water protection, based on the EU's longstanding experience and know-how. The approach followed by this project favours transfer of relevant parts of EU policies and legislation, as well as best practices in the sector, and pilot demonstration projects in India showing effectiveness and cost-efficiency of new technologies and systems applied in the EU.

By 2020, the IEWP will support the adoption of River Basin Management (RBM) in India through revised water management policies at national and state levels.

Maximum words: 250 (18 lines).

*When will the commitment begin to be implemented? \*This question is required.*

*(Not earlier than 01/2016, no later than 12/2030)*

Start month: June

Start year: 2017

*What is the projected end date?*

*(Not earlier than 01/2016, no later than 12/2030)*

End month: June

End year: 2020

*Is the commitment going to be monitored? \*This question is required.*

YES	X
NO	

*What type of resources are required to deliver on the commitment? \*This question is required. Resources can be financial and non-financial (e.g. partnerships, capacity-building, legal advice, technology transfer, advocacy, etc.).*

The cooperation with the Indian actors at national and state level will be established through a governance structure similar to the so-called Common Implementation Strategy for the EU's Water Framework Directive, which is a cooperative approach between all EU Member States and the European level actors. The Indian Ministry of Water Resources have already signalled an interest to establish such a governance structure for the Ganga Basin and this can later be expanded to cover more Indian states.

The IEWP is currently providing legal and technical advice to national and local governments on River Basin Management and related matters (data, ecological flows, water accounting, water quality), including capacity building. The project will support technology transfer through events, workshops and B2B meetings. For pilot projects, the project will support the linking of government, businesses and financiers. The EU is also in the process of earmarking funds for joint research on water.

Maximum words: 150 (12 lines).

*What resources have already been mobilized to deliver on the commitment? \*This question is required.*

The initiative is supported by the European Union with EUR 2.4 million and the Government of Germany with EUR 0.38 million.

Maximum words: 150 (12 lines).

## More details on the commitment

*What pollution areas does the commitment address? \*This question is required.*

Air	
Chemicals and waste	
Land and soil	
Marine and coastal	
Water	X

*Does the commitment relate to the following longer-term transformative actions or enabling conditions?*

Building circularity in production processes and supply chains and key economic sectors	
Reorienting finance and investments	X
Promoting green technologies and ecosystem based solutions	X
Integrating policies to tackle pollution	X
Incentivizing responsible consumption and lifestyles choices	
Putting in place evidence based decision-making (data, information, monitoring and assessment)	X
Improving pollution-related governance and policies	X
Introducing market-based instruments	
Promoting life-long education for change and advocacy	
Fostering cooperation and partnerships	X

Which Sustainable Development Goals does the commitment contribute to? **\*This question is required.**  
 Learn more about the [Sustainable Development Goals](#)

SDG1 NO POVERTY	
SDG2 ZERO HUNGER	
SDG3 GOOD HEALTH AND WELL-BEING	X
SDG4 QUALITY EDUCATION	
SDG5 GENDER EQUALITY	
SDG6 CLEAN WATER AND SANITATION	X
SDG7 AFFORDABLE AND CLEAN ENERGY	
SDG8 DECENT WORK AND ECONOMIC GROWTH	
SDG9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	X
SDG10 REDUCED INEQUALITIES	
SDG11 SUSTAINABLE CITIES	X
SDG12 RESPONSIBLE CONSUMPTION AND PRODUCTION	X
SDG13 CLIMATE ACTION	
SDG14 LIFE BELOW WATER	X
SDG15 LIFE ON LAND	
SDG16 PEACE, JUSTICE AND STRONG INSTITUTIONS	
SDG17 PARTNERSHIP FOR THE GOALS	

Does the commitment contribute to other multilateral frameworks and environmental agreements? Which ones?

Maximum words: 50 (4 lines).

