



EU Strategy on Climate Change Adaptation

Increasing ambition

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The European Green Deal

- The roadmap for making the EU economy sustainable and preserving and restoring ecosystems and biodiversity
 - **Climate neutrality by 2050** - proposal for a **Climate Law**
 - European **Climate Pact**
 - **Renovation Wave**
 - **Farm2Fork**
 - **Forest Strategy**
 - and many more

The European Green Deal

- And a **new, more ambitious EU strategy on adaptation** to climate change (Q1 2021).
 - strengthen efforts on climate-proofing, resilience building, prevention and preparedness
 - influence public & private investments, including on nature-based solutions
 - across the EU, investors, insurers, businesses, cities and citizens are able to:
 - access climate-relevant data
 - develop instruments to integrate CC into risk management practices

What if we do not act?

The European Green Deal

December 2019
#EUGreenDeal



"The cost of the transition will be big, but the cost of non-action will be much bigger."

Ursula von der Leyen, President of the European Commission

Without action on climate change, the EU will see, in the lifetime of our children:



Pollution

▲ **400,000**
premature deaths
per year today due to air pollution.

Source: European Environment Agency,
[Air quality in Europe - 2019 report](#)



Heat and drought

▲ **90,000**
annual deaths as a
result of heatwaves¹

▲ **660,000**
additional asylum
applications per year in
the EU at 5°C temperature
increase²

▲ **16%**
of species at risk
of extinction at 4.3°C
temperature increase³



Economics



▲ **€190 billion**
annual losses projected for a 3°C
increase in global average temperature

Source: Ciscar et al., 2014: Climate Impacts in Europe,
the European Commission's Joint Research Centre
PESETA II project

▲ Climate change could lead to a
20% food price rise in 2050

▲ Globally, the number of people at risk
of being forced from their homes by
river flooding could increase to
50 million a year

Source: Internal Displacement Monitoring Centre,
Assessing the Impacts of climate change on flood
displacement risk, 2019

▲ Economic costs of heat-related
mortality could amount to more than
€40 billion per year



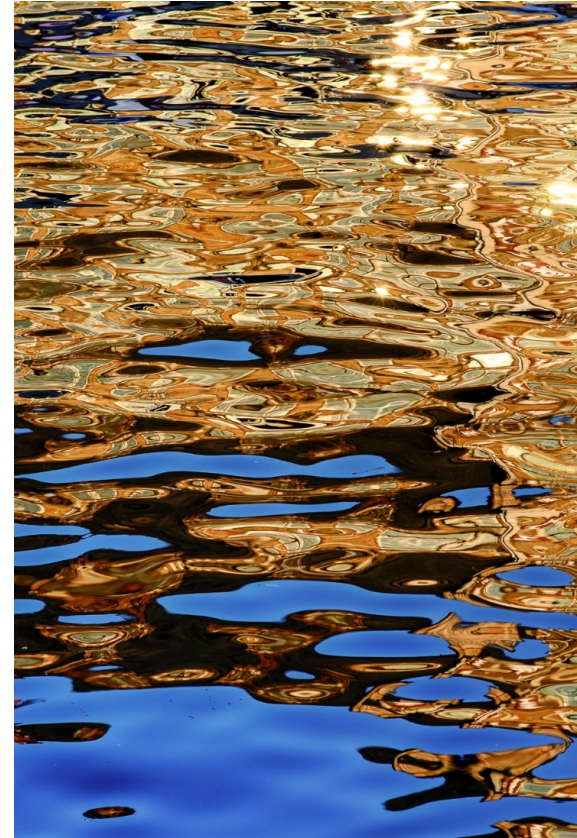
European
Commission

EU Adaptation to Climate Change – a timeline

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- **2008 Treaty on the Functioning of the European Union Article 191** - *combating climate change an objective of EU environmental policy.*
 - **2009 White Paper ‘Adapting to climate change: Towards a European framework for action’** - research, mainstreaming and knowledge actions initiated; Climate-ADAPT platform in March 2012
 - **2013 Adaptation Strategy**
 - Promoting action by Member States; Better informed decision-making; Climate-proofing EU action
 - *As of April 2020, all Member States have an adaptation strategy or an adaptation plan*
 - **2014 Monitoring Mechanism Regulation (MMR)** - *sets the EU's own internal reporting rules on the basis of internationally agreed obligations. 1st reporting took place in 2015, and 2nd (and last) in 2019.*
 - **2018 Energy Union Governance Regulation** - *expands on the MMR for adaptation reporting (next, the Implementing Act)*
 - **2020 Draft Climate Law**
 - *The relevant Union institutions and the Member States shall ensure continuous progress in enhancing adaptive capacity, strengthening resilience and reducing vulnerability to climate change in accordance with Article 7 of the Paris Agreement.*
 - *Member States shall develop and implement adaptation strategies and plans that include comprehensive risk management frameworks, based on robust climate and vulnerability baselines and progress assessments.*

Process towards the new Adaptation Strategy

- Published Roadmap/Inception Impact Assessment
- Open Public Consultation from 14 May to 20 August
 - 1000 replies, 100s of position papers
- Consultation with Member States and Stakeholders
- High level events to position the new strategy
 - Climate Adaptation Summit (January 2021)
 - DE Presidency Water and Adaptation conference (November 2020)
- Adoption of new strategy in Q1 2021



Blueprint – towards the new strategy

- **improve knowledge** of climate impacts;
- **reinforce planning** and climate risk management;
- **accelerate action** with a focus on
 - *solutions* (in addition to understanding),
 - deploying *innovation* (in addition to research),
 - *implementation* (in addition to planning),
 - and *prevention* (in addition to ex-post).



Blueprint – possible novelties

- Closing the climate protection gap
- Reinforced global action for climate resilience
- Adapting forests and other ecosystems for an adapting society
- Observatory of health and climate change
- More and better data
- Preventing damage to infrastructure and beyond



Coherence across policy spectrum

- The European Green Deal as framework:
 - Forest Strategy designed concurrently
 - Biodiversity strategy – CC as key driver of loss
 - Farm to fork – resilience in food chain
 - Review of EU trade policy – global value chains and spillovers
 - Renovation wave – recovery as opportunity to increase resilience
 - Horizon Europe Mission on Adaptation (including societal transformation) to be a key vector for the new strategy

Thank you



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Preparing for 2021 Governance Regulation reporting

January

December

2020

- Prepare reporting obligations and templates
- Identify quality checks for the data submissions (warnings, blockers, etc.)
- Nominations of national reporters to the Commission

- Reportnet 3 goes live
- Link Reportnet 3 to the single entry point on the Commission's Energy Union and Climate Action ePlatform
- Prepare data handling flows
- Establish access rights and confidentiality restrictions

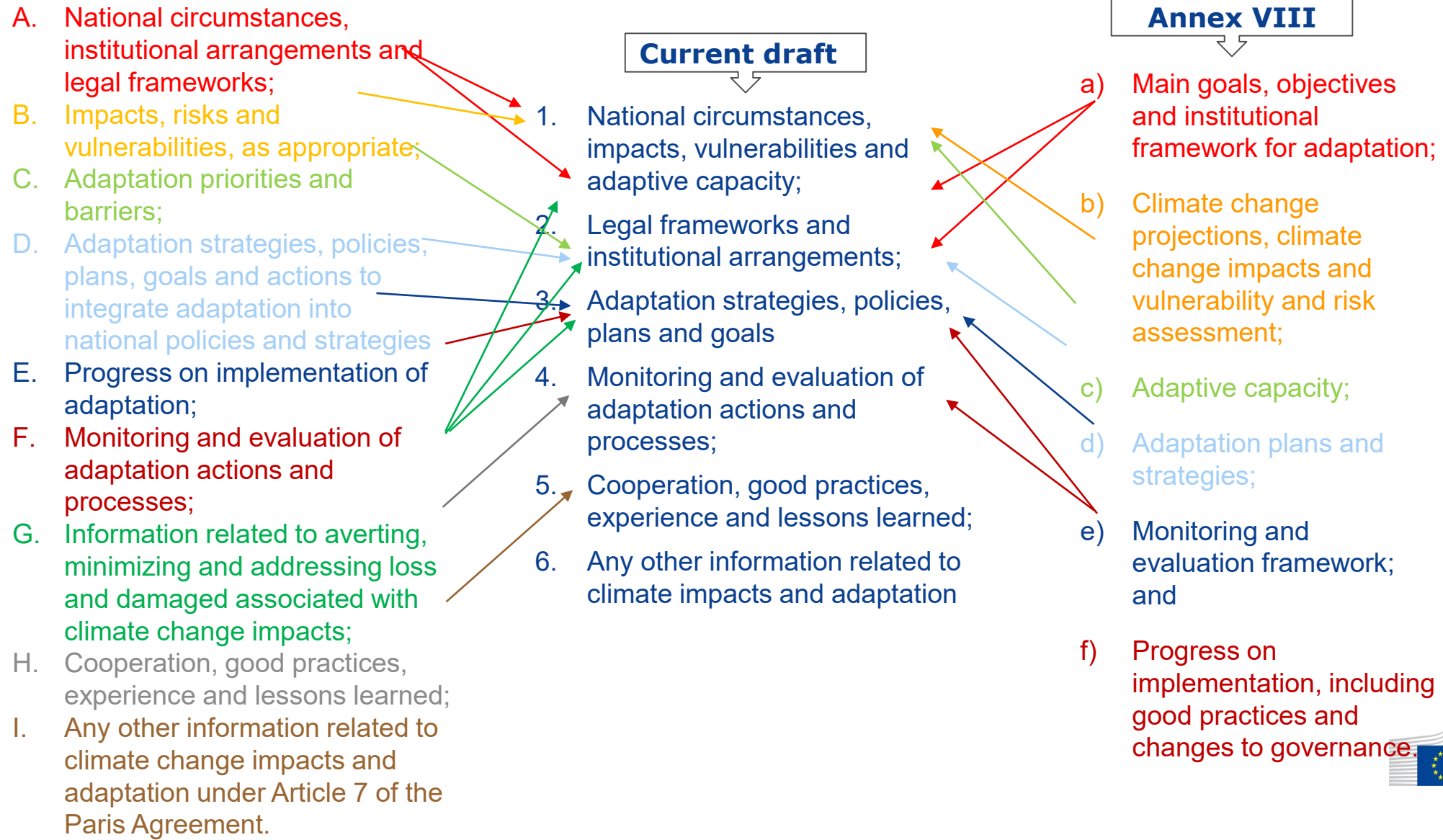
- Training for Member States
- Testing
- Launch reporting
- Monitor and assist users

Continuous communication with Commission, Member States, experts from European Topic Centres, etc.

Reporting streams covered:

- Policies and Measures (PaMs)
- GHG Projections
- National systems for PaMs and GHG projections
- Approximated GHG inventories
- National adaptation actions
- Use of auctioning revenues
- Financial and technology support provided to developing countries

Additional info on EU reporting on adaptation



Transition to Reportnet 3

