



EU Strategy on Adaptation to Climate Change

Forging a climate-resilient Europe

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Climate change



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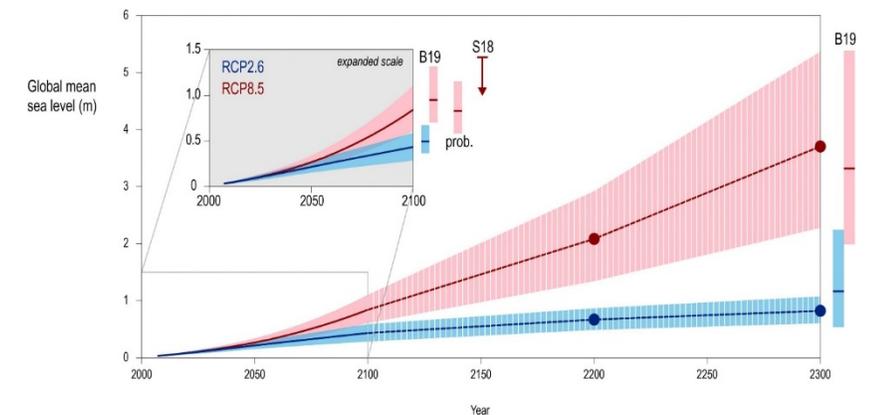
- Impact are already here...
- ...affecting every region in Europe.
- And even in a best case scenario, these impacts are 'baked in'



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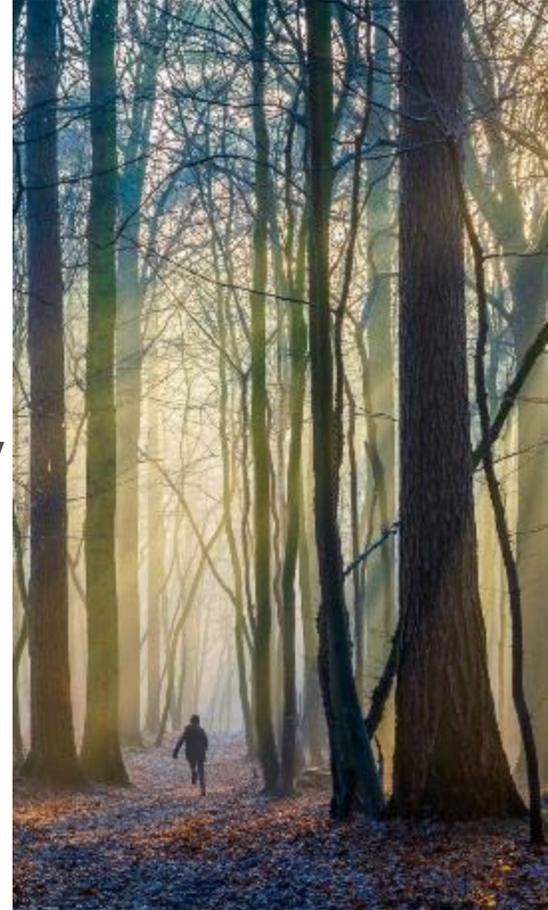
Policy context

- The **2030 Agenda for Sustainable Development**
- the **Paris Agreement**
- The **European Green Deal**:
 - European Climate Law,
 - European Climate Pact
 - Farm to fork strategy
 - Renewed sustainable finance strategy
 - Smart and Sustainable Mobility Strategy
 - 2030 Climate Target Plan
 - EU Biodiversity strategy
 - Forest strategy



Vision & Objectives

- Vision: by 2050 the EU will be a climate-resilient society, fully adapted to the unavoidable impacts of climate change
- Objectives:
 - **Smarter adaptation** – improving knowledge and managing uncertainty
 - **More systemic adaptation** – support policy development at all levels and sectors
 - **Faster adaptation** – speeding up adaptation across the board
 - **Stepping up international action** for climate resilience



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Smarter adaptation 1/2

improving knowledge and managing uncertainty, by

- Pushing the frontiers of **knowledge** on adaptation
- More and better climate-related **risk and losses data**
- Making **Climate-ADAPT** the authoritative European platform for adaptation knowledge



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Smarter adaptation 2/2

The Commission will:

- help to close knowledge gaps on climate impacts and resilience, including on oceans, through **Horizon Europe, Digital Europe, Copernicus and EMODnet**;
- improve the state of the art on adaptation modelling, risk assessment and management tools – towards “asset-level modelling” promote and support the use of its **Risk Data Hub** to harmonise the recording and collection of comprehensive and granular climate-related risk and losses data, and promote **national level public private partnerships** to collect and share such data;
- explore with **EIOPA** and **industry** the best ways to improve the collection of uniform and comprehensive insured loss data, and will **empower EIOPA** as needed;
- extend the scope of **public access to environmental information in the INSPIRE Directive** to include climate-related risk and losses data;
- update and expand **Climate-ADAPT** as source of knowledge on climate impacts and adaptation, including by federating various sources of information, and as monitoring and reporting mechanism;
- o establish a **European climate and health observatory under Climate-ADAPT**;

More systemic adaptation 1/2

support policy development at all levels and sectors, by:

- Improving **adaptation strategies and plans**
- Fostering **local, individual, and just resilience**
- Integrating climate resilience in **macro-fiscal policy**
- Promoting **nature-based solutions** for adaptation



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More systemic adaptation 2/2

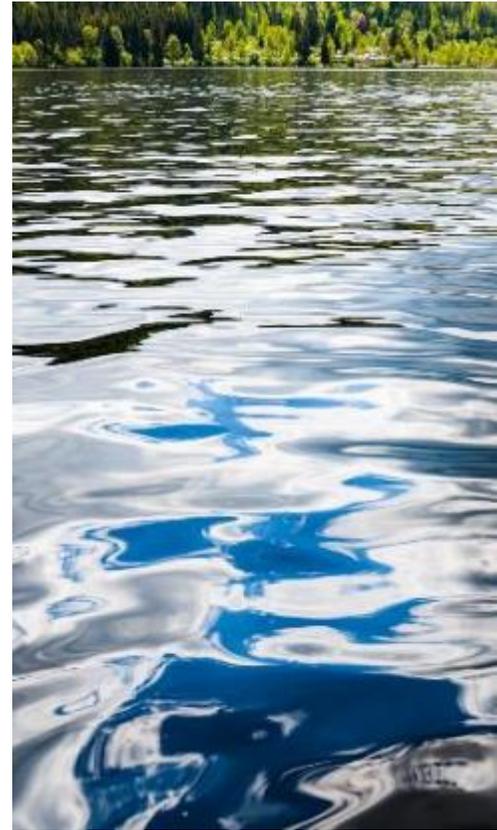
The Commission will:

- enhance the **guidelines on national adaptation** , **upgrade adaptation monitoring**, reporting and evaluation by using a **harmonised framework of standards and indicators**;
- provide ex-ante project assessment tools update its **Better Regulation guidelines** and toolbox to better reflect the principles of climate-risk management policy coherence;
- launch an adaptation **support facility under the EU Covenant of Mayors**;
- o support the reskilling and requalification of workers for a just and fair resilience with education and training through **ESF+, Erasmus+ and European Solidarity Corps** and consider **proposing new initiatives that increase workers' protection from climate impacts**;
- develop ways to measure the potential impact of climate-related risks on public finances, **develop tools and models for climate stress testing**, and better take into account climate change in national reporting and fiscal frameworks;
- dampen the fiscal impact of climate-related events and reduce **fiscal-sustainability risks** and possibility of factoring through **Stability and Convergence Programmes**;
- Improve coordination and complementarity between the post-disaster emergency and recovery operations supported by the **European Union Solidarity Fund** and **other EU funds** to encourage the “build back better” principle;
- propose nature-based solutions for carbon removals, including accounting and certification in **upcoming carbon farming initiatives**; through **assessments, guidance, capacity building, and EU funding**;

Faster adaptation 1/2

speeding up adaptation across the board, by:

- Accelerating **the rollout** of adaptation solutions
- Reducing **climate-related risk**
- Closing the **climate protection gap**
- Ensuring the **availability** and **sustainability** of **freshwater**



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Faster adaptation 2/2

The Commission will:

- implement the planned Horizon Europe Mission on ‘**Adaptation to Climate Change**’ and “**Climate-neutral cities**” and other adaptation-relevant Missions;
- support the development of rapid response decision support tools to enrich the **toolbox for adaptation practitioners**;
- integrate adaptation in the **update of Natura 2000** and **climate change guidance** and in the **forthcoming Forest Strategy**;
- further **develop the EU taxonomy** for sustainable activities for climate adaptation, enhance **climate proofing guidance**, and promote its use in Europe and abroad;
- develop an **EU-wide climate risk assessment** and strengthen climate considerations in EU disaster risk prevention and management;
- address EU-level preparedness and response to climate-related health threats, through **the EU Framework on Health Threats** and, as relevant, the planned **Health Emergency Preparedness and Response Authority**;
- increase cooperation with **standardisation organisations** to climate-proof standards and to develop new ones for climate adaptation solutions;
- integrate of climate resilience considerations into the criteria applicable to **construction and renovation of buildings and critical infrastructure**;
- explore the wider use of financial instruments and innovative solutions to deal with climate-induced risks through **Renewed Sustainable Finance Strategy**;

Stepping up international action for climate resilience 1/2

- Increasing support for **international climate resilience and preparedness**
- Scaling up **international finance** to build climate resilience
- Strengthen **global engagement and exchanges** on adaptation



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Stepping up international action for climate resilience 2/2

The EU will:

- strengthen the support for the development and implementation of **Nationally Determined Contributions** and **National Adaptation Plans in EU partner countries**;
- support to local authorities in EU partner countries and **develop regional programmes**, including for **countries in the EU Southern and Eastern neighbourhoods**, and in **candidate countries** and **potential candidates**;
- include climate change considerations in the **future agreement on the conservation and sustainable use of marine biodiversity of areas beyond national jurisdiction**;
- aim to increase international climate finance for adaptation through the **EU instruments for external action** and by **leveraging private sector investments**;
- promote the design and implementation of **disaster risk finance strategies** to increase macroeconomic climate resilience in partner countries;
- support partner countries in the **design of policies and incentives to promote climate resilient investment**, including in nature-based solutions;
- enhance the **climate proofing of all EU external investments and actions**;
- submit the EU's adaptation plans and actions under the **Paris Agreement**;
- increase the pool of knowledge and tools on adaptation available to non-EU countries and promote adaptation in **Green Alliances** and **partnerships**;

Objectives & actions

1. Smarter adaptation	<ol style="list-style-type: none">1. Pushing the frontiers of knowledge on adaptation2. More and better climate-related risk and losses data3. Make Climate-ADAPT the authoritative European platform for adaptation knowledge
2. More systemic adaptation	<ol style="list-style-type: none">4. Improving adaptation strategies and plans5. Fostering local, individual, and just resilience6. Integrating climate resilience in national fiscal frameworks7. Promoting nature-based solutions for adaptation
3. Faster adaptation	<ol style="list-style-type: none">8. Accelerating the rollout of adaptation solutions9. Reducing climate-related risk10. Closing the climate protection gap11. Ensuring the availability and sustainability of freshwater
4. Stepping up international action for climate resilience	<ol style="list-style-type: none">12. Increasing support for international climate resilience and preparedness13. Scaling up international finance to build climate resilience14. Strengthen global engagement and exchanges on adaptation

Thank you



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