



# EU Strategy on adaptation to climate change

*Tenth Anniversary of the Memorandum of Understanding between the European Commission and the International Hydrographic Organization (IHO) on 6 May 2022*

*Presented by Claus Kondrup, Senior Expert, European Commission, DG Climate Action*



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Climate change is happening today, so we have to build a more resilient tomorrow





- The Commission will adopt a new, more ambitious EU strategy on adaptation to climate change.
- This is essential, as climate change will continue to create significant stress in Europe in spite of the mitigation efforts.
- Strengthening the efforts on climate proofing, resilience building, prevention and preparedness is crucial.
- Work on climate adaptation should continue to influence public and private investments, including on nature-based solutions.
- It will be important to ensure that across the EU, investors, insurers, businesses, cities and citizens are able to access data and to develop instruments to integrate climate change into their risk management practices



- The long-term **vision** is that in 2050, the EU will be a climate-resilient society, fully adapted to the unavoidable impacts of climate change – in line with the Paris Agreement and the European Climate Law.
- The strategy aims to realise the 2050 vision of a climate-resilient Union by making adaptation **smarter, more systemic, swifter, and by stepping up international action.**
- Working with Member States, regions, cities and local administrations, public and private sectors, and individual citizens

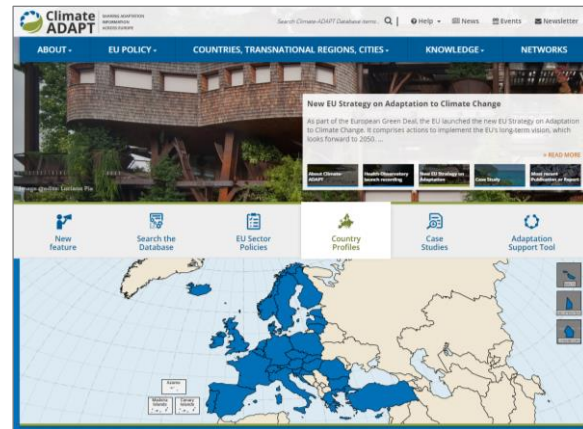
# Smarter adaptation



# Objectives (1/4) EU Adaptation Strategy

*improving knowledge and managing uncertainty, by*

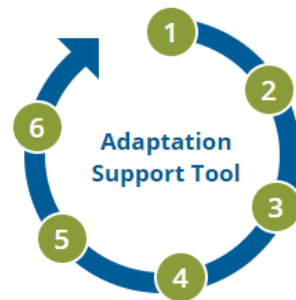
- Pushing the frontiers of **knowledge** on adaptation, risk assessment and management tools – towards “asset-level modelling”
- More and better climate-related **risk and losses data**
- Making **Climate-ADAPT** the authoritative European platform for adaptation knowledge





*support policy development at all levels and sectors, by:*

- Improving **adaptation strategies and plans** at all levels, cross-border cooperation, macro-regional, Outermost Regions
- Fostering **local, individual, and just resilience** (the local level is the bedrock of adaptation)
- Integrating climate resilience in **national fiscal frameworks**
- Promoting **nature-based solutions** for adaptation to generate gains for adaptation, mitigation, disaster risk education, biodiversity, and health.



*speeding up adaptation across the board, by:*

- *Accelerating the **rollout** of adaptation solutions*
- *Reducing **climate-related risk** (e.g. climate proofing of long-lasting infrastructure with climate risk assessment and adaptation solutions)*
- *Closing the **climate protection gap***
- *Ensuring the **availability and sustainability of freshwater***



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





[Key messages](#) | [Impacts and vulnerabilities](#) | [Policy framework](#) | [Improving the knowledge base](#) | [Supporting investment and funding](#) | [Supporting the implementation](#) | [MRE of adaptation](#)

## Coastal areas



Mallorca, Llubí, Spain

Image credits: Stefan Kunze on [Unsplash](#), 2015

### Key messages

- Climate change is expected to have severe impacts on coastal areas in particular due to sea level rise, storms and storm surges, but also on saltwater intrusion into coastal ecosystems, increased water temperatures and ocean acidification. Ultimately, these effects can cause the loss of multiple ecosystem services provided by coastal areas, of environmental, economic, social, and cultural value for many stakeholders and economic sectors.
- The EU Policy framework in place to tackle the impacts of climate change to coastal areas include cross-cutting instruments, such as Integrated Coastal Zone Management and Maritime Spatial Planning. Other EU directives directly relevant to make coastal zones climate resilient, are the [Floods Directive](#), and the [Marine Strategy Framework Directive](#).
- The River Basin Management Plans of the [Water Framework Directive](#) could potentially offer future options to measure the progress of adaptation in coastal areas at EU

### Content in Climate-ADAPT database

- » Publications and reports (80)
- » Information portals (32)
- » Indicators (4)
- » Guidance (10)
- » Tools (18)
- » Research and knowledge projects (175)
- » Adaptation options (24)
- » Case studies (17)
- » Organisations (22)



Share your information

<https://climate-adapt.eea.europa.eu/eu-adaptation-policy/sector-policies/coastal-areas>



# Thank you for your attention



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## Selected references:



- Communication: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM:2021:82:FIN>
- Press release: [https://ec.europa.eu/commission/presscorner/detail/en/IP\\_21\\_663](https://ec.europa.eu/commission/presscorner/detail/en/IP_21_663) (all EU languages)
- Q & A: [https://ec.europa.eu/commission/presscorner/detail/en/QANDA\\_21\\_664](https://ec.europa.eu/commission/presscorner/detail/en/QANDA_21_664) (all EU languages)
- EU Adaptation Strategy:  
[https://ec.europa.eu/clima/sites/clima/files/adaptation/what/docs/eu\\_strategy\\_2021.pdf](https://ec.europa.eu/clima/sites/clima/files/adaptation/what/docs/eu_strategy_2021.pdf)
- Film: <https://audiovisual.ec.europa.eu/en/video/I-201845> (all EU languages)
- Press conference with EVP Frans Timmermans (recording):  
<https://audiovisual.ec.europa.eu/en/video/I-202216>
- Background studies: [https://ec.europa.eu/clima/policies/adaptation/what\\_en#tab-0-2](https://ec.europa.eu/clima/policies/adaptation/what_en#tab-0-2)
- Webinar 25-26 February 2021: [https://www.youtube.com/playlist?list=PLqj\\_I70M-izDyxjFwQjLb5zjGRcRj3maX](https://www.youtube.com/playlist?list=PLqj_I70M-izDyxjFwQjLb5zjGRcRj3maX)