



Session 4C

Integration of Nature-Based Solutions for climate change adaptation in basins

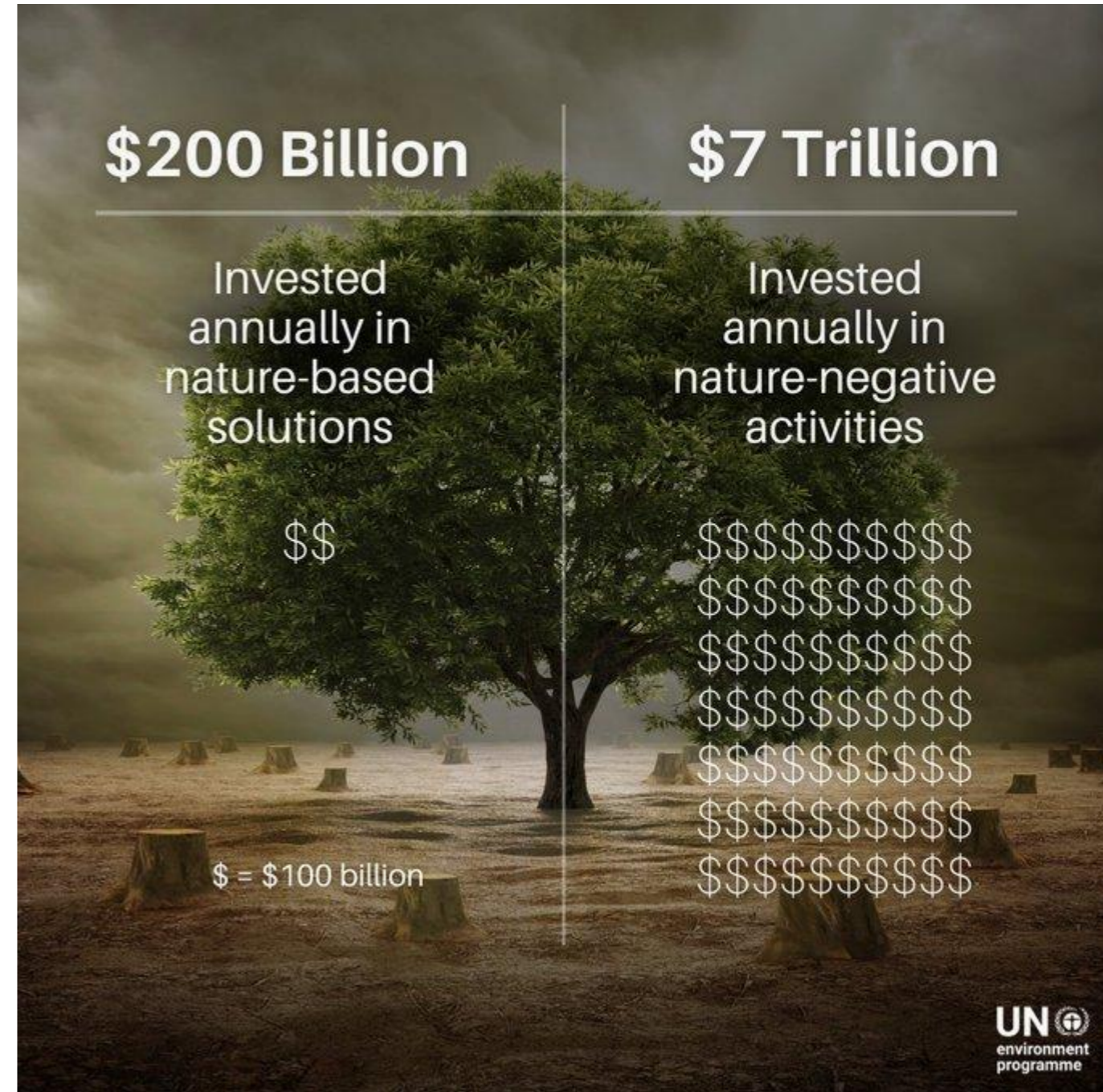
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9th October 2024

Need for Nature positive investments

To tackle

- ✓ **Climate Change**
- &
- ✓ **Biodiversity losses**



Source: UNEP State of finance for nature 2023

NBS at river basin level



Source: <https://www.spongescapes.eu/>

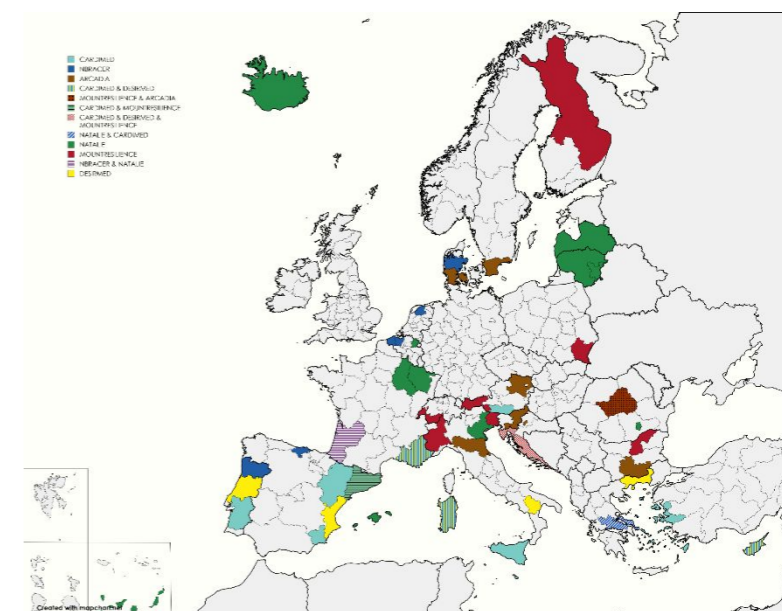
High EU ambitions on Nature Based Solutions



- 7 large scale projects:

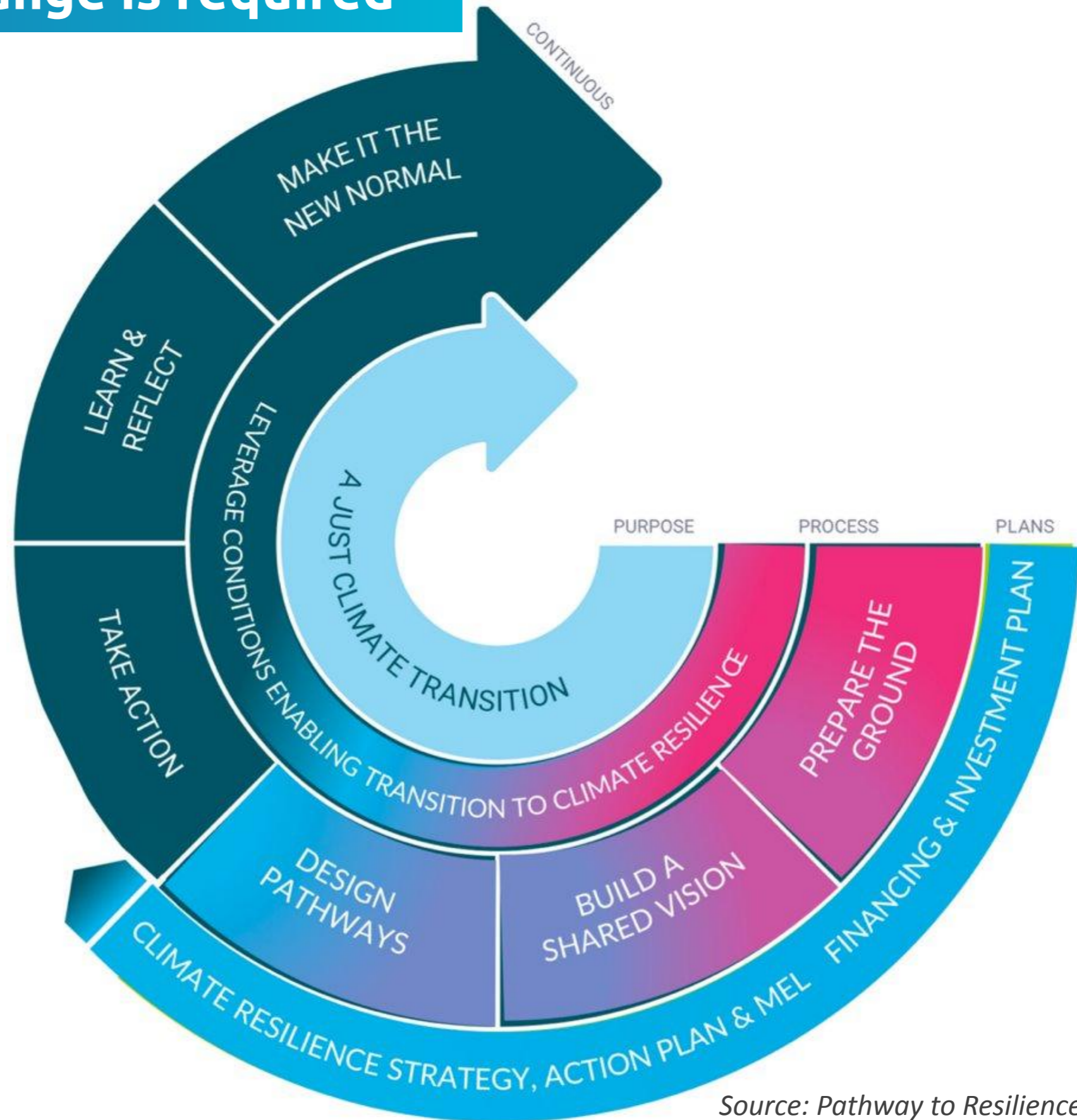


- 66 regions directly involved:



Transformative change is required

Moving from incremental to transformational adaptation to climate change with the nature



Source: Pathway to Resilience



- **United Nations Environment Assembly:** actions to protect, conserve, restore, sustainably use and manage natural or modified terrestrial, freshwater, coastal and marine ecosystems, which address social, economic and environmental challenges effectively and adaptively, while simultaneously providing human well-being, ecosystem services and resilience and biodiversity benefits.



European Commission: actions inspired by, supported by or copied from nature and which aim to help societies address a variety of environmental, social and economic challenges in sustainable ways



- **IUCN:** actions to protect, sustainably manage and restore natural or modified ecosystems that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits



- **OECD:** measures that protect, sustainably manage or restore nature, with the goal of maintaining or enhancing ecosystem services to address a variety of social, environmental and economic challenges.