



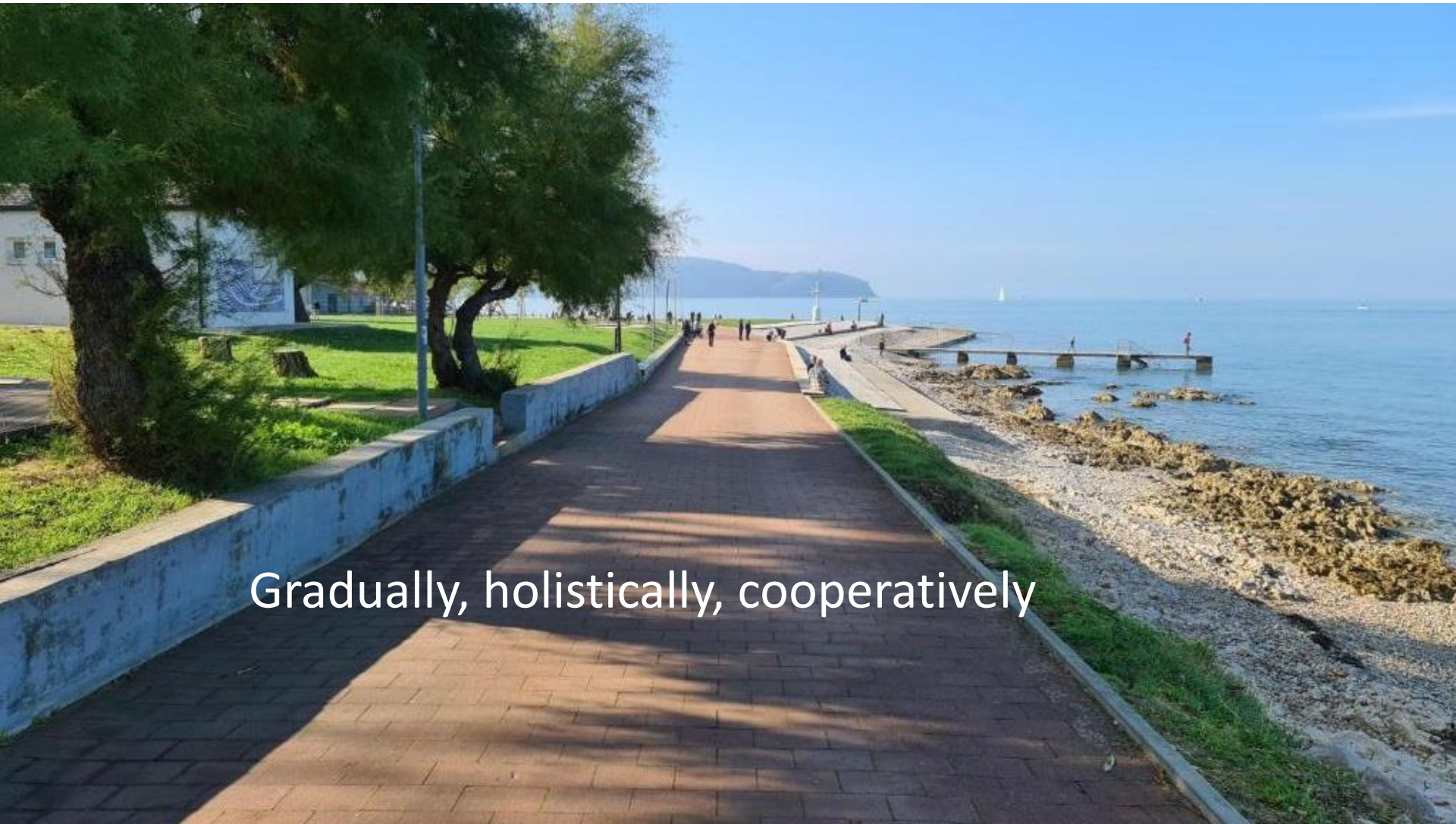
# Inclusivity, Visioning and Debating Diverse Future Scenarios for Adaptation in Slovenian Coast

Jerneja Penca

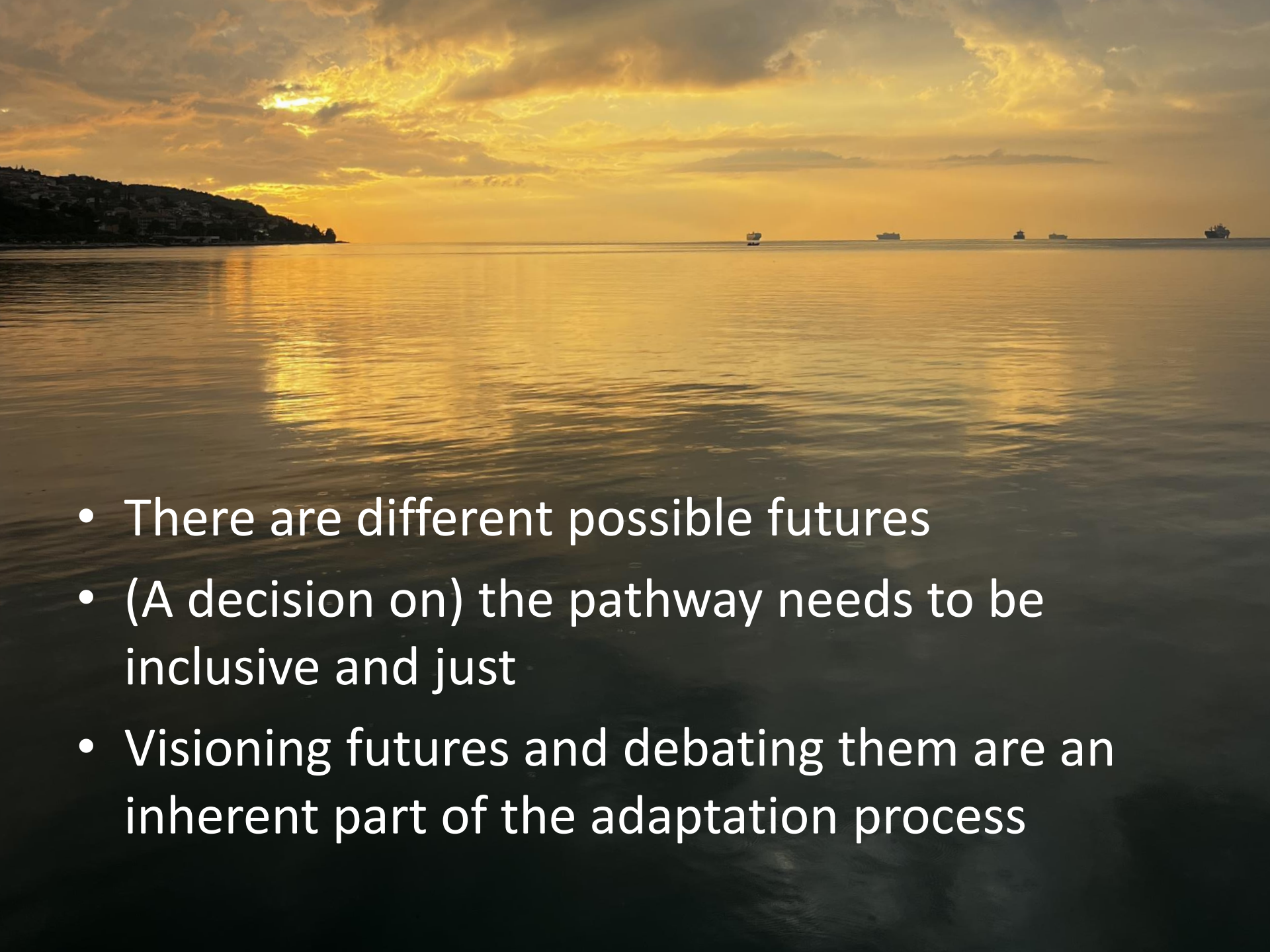
Science and Research Centre Koper

Mediterranean Institute for Environmental Studies

# Leading the process of adaptation to climate change



Gradually, holistically, cooperatively



- There are different possible futures
- (A decision on) the pathway needs to be inclusive and just
- Visioning futures and debating them are an inherent part of the adaptation process

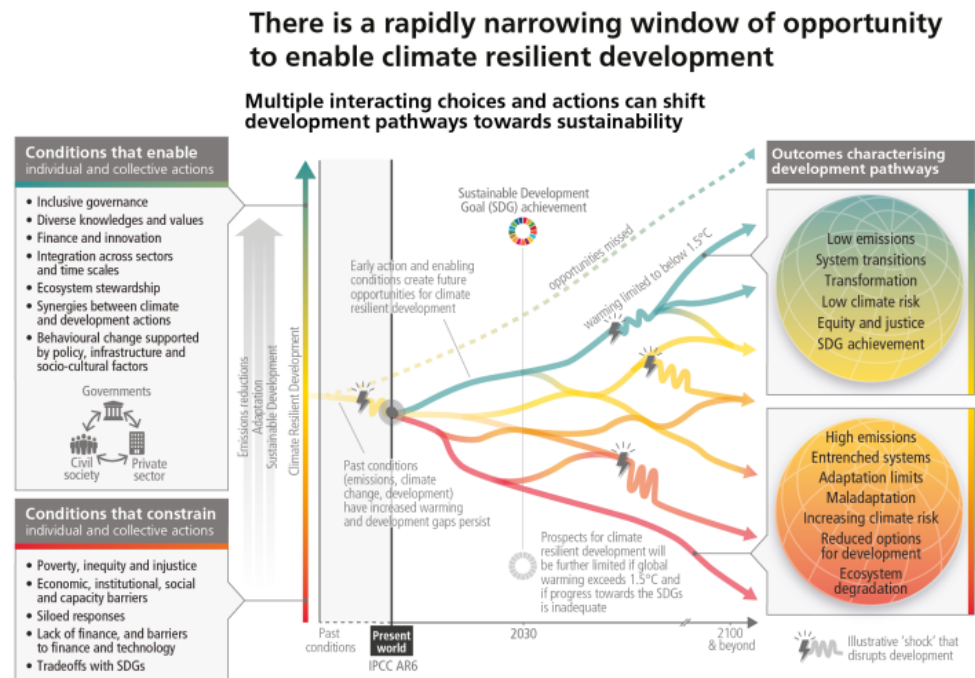


# Knowledge on climate resilience

- IPCC — *Chapter 18: Climate Resilient Development Pathways*, WGII, AR6 (2022)
- +
- IPBES — *Nexus Assessment* (on interlinkages among Biodiversity, Water, Food and Health) (2024)
- IPBES — *Transformative Change Assessment* (on causes of the poly-crisis and options for achieving 2050 target) (2024)

# Climate resilient development (CRD)

- CRD implements GHG mitigation and adaptation to support **sustainable development for all** (it is integrated with health, food systems, equity, urban planning etc.)
- Opportunities for climate resilient development **vary by local contexts and conditions**
- There is a **rapidly narrowing window of opportunity to implement system transitions**. Past choices have already eliminated some development pathways, other pathways remain.



Source: IPCC AR6 2023

There are different possible futures:

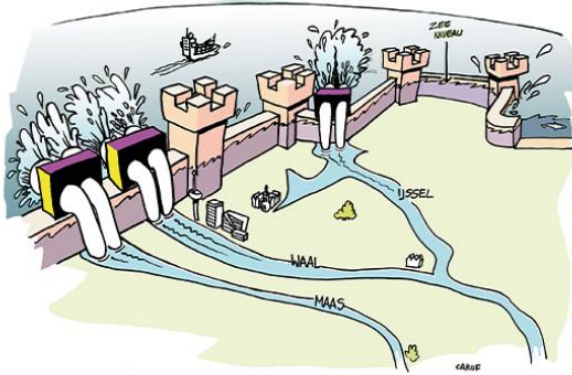


Source: Mongabay, 2023

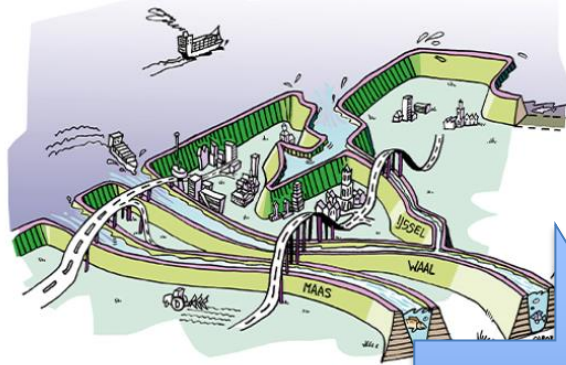


# ...and different response options.

Protect-closed



Protect-open



Advance



Accommodate

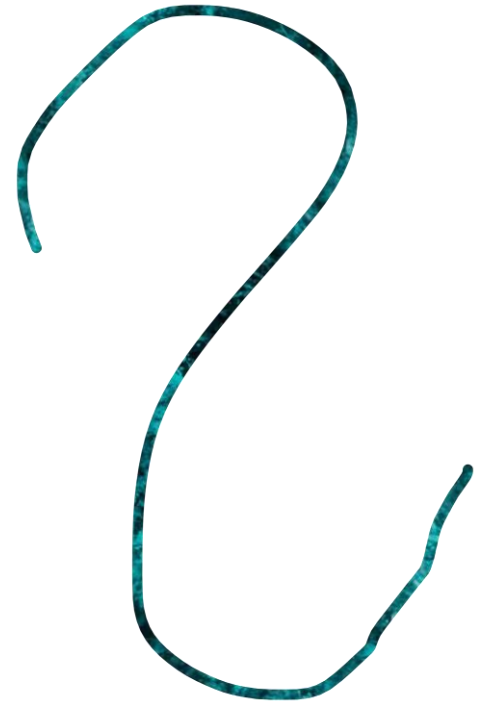


- Diverse financial, equity, ecological, aesthetic... **consequences.**
- Different **risks and vulnerabilities** for different groups.

How is the process designed and led?

Whose opinion counts and wins?

What response will be designed, for whom?



# Intergenerational justice – caring for future generations



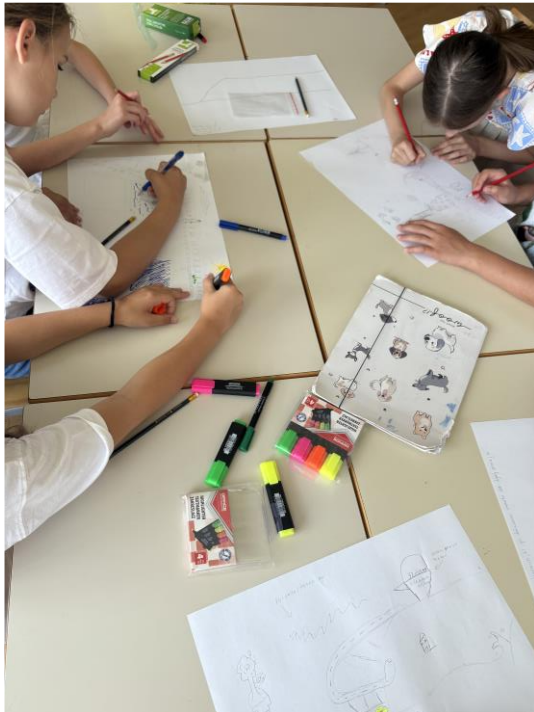
...has been found to inspire individual responsibility and foster collective efforts toward sustainable solutions, and drive action.

The need for involving youth demographic to inform effective and just adaptation strategies.



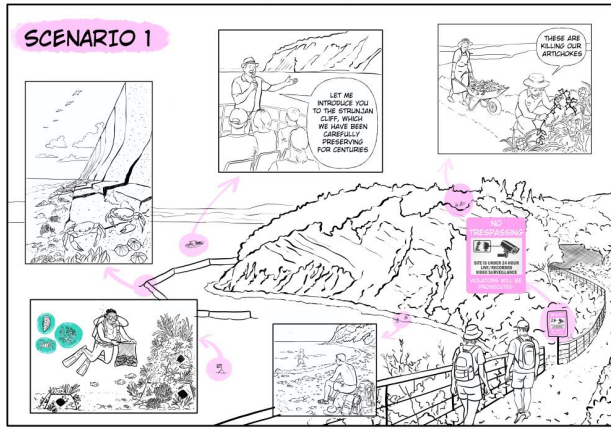
But how can this be done? How can intergenerational equity be channelled in policy measures?

# Exploring child-centred methods for visioning, debating

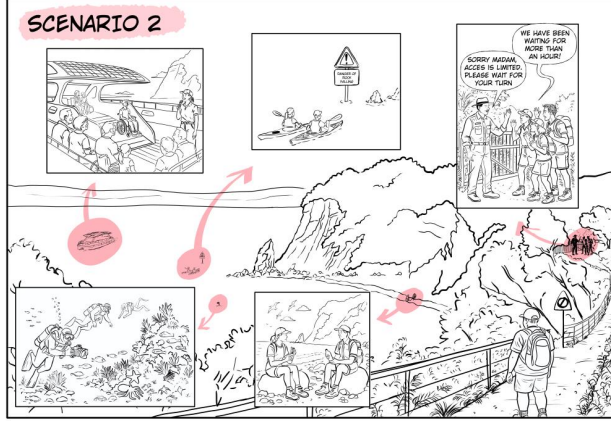


# STRUNJAN CLIFF

## SCENARIO 1

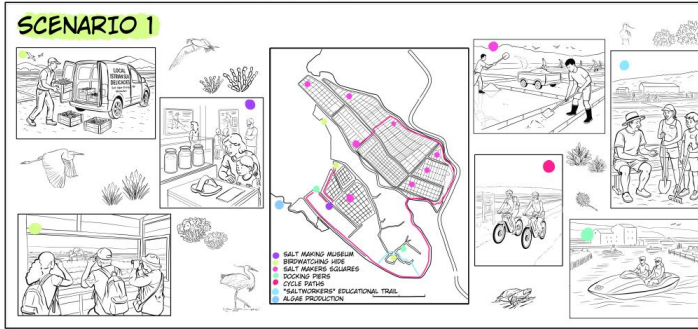


## SCENARIO 2

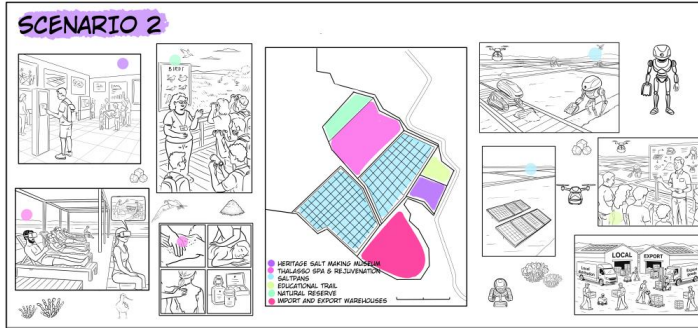


# SEČOVLJE SALINA

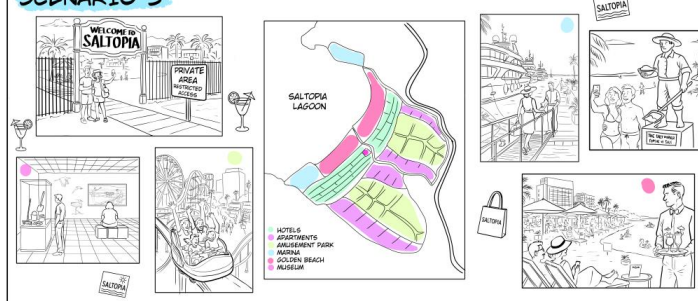
## SCENARIO 1



## SCENARIO 2

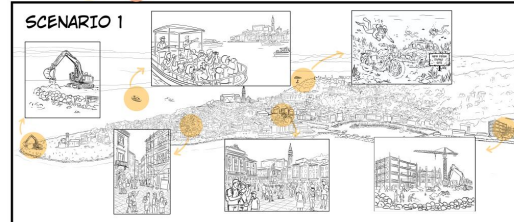


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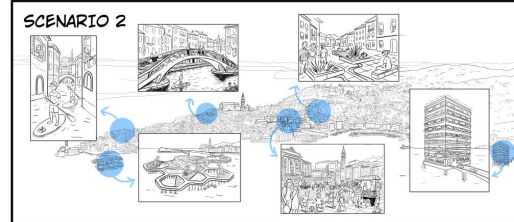


# CITY OF PIRAN

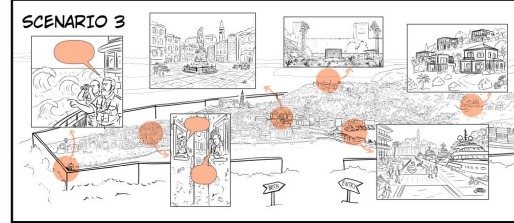
## SCENARIO 1



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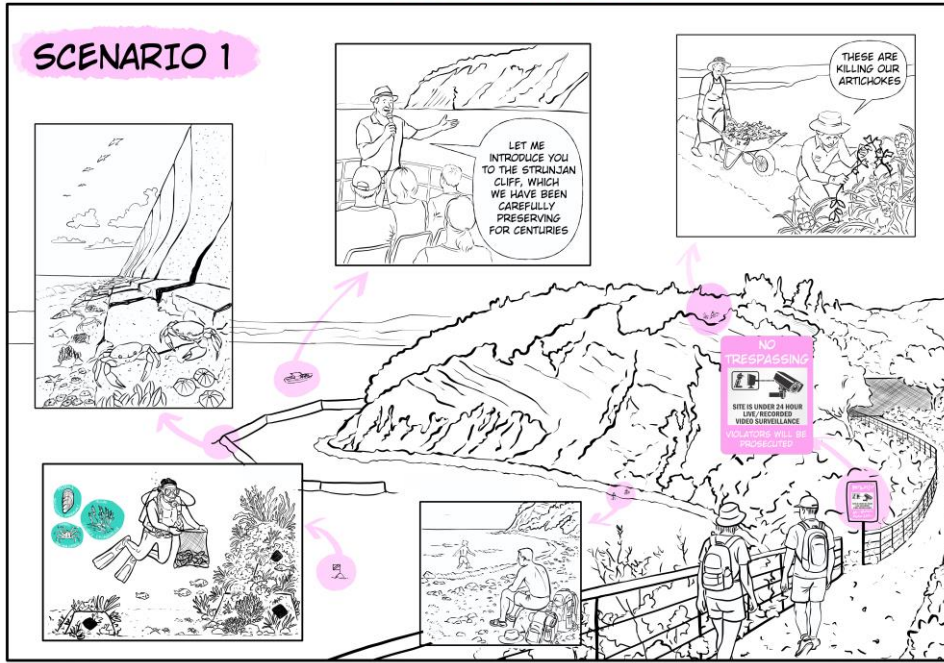


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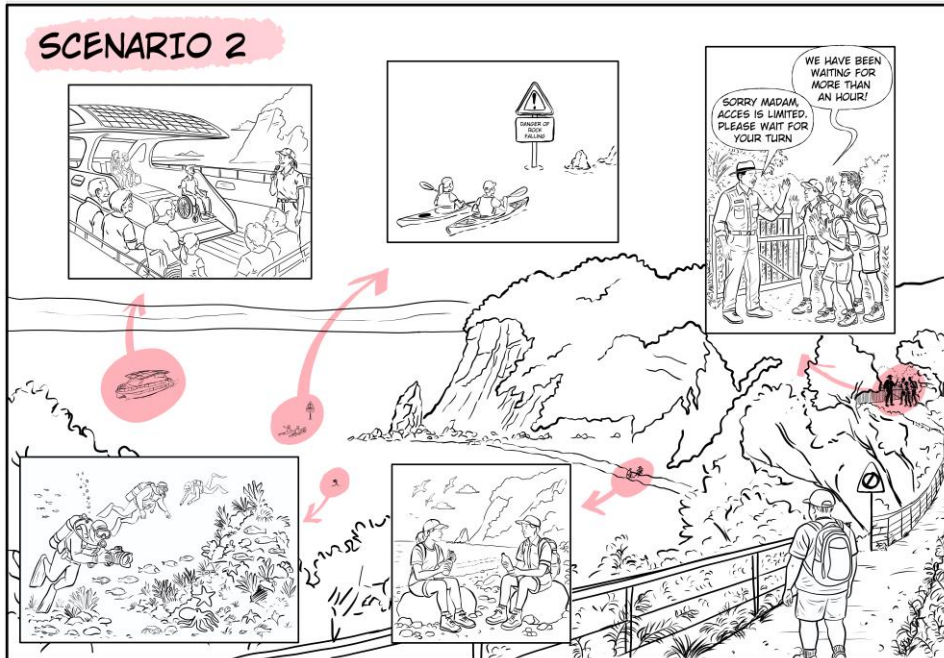


# STRUNJAN CLIFF

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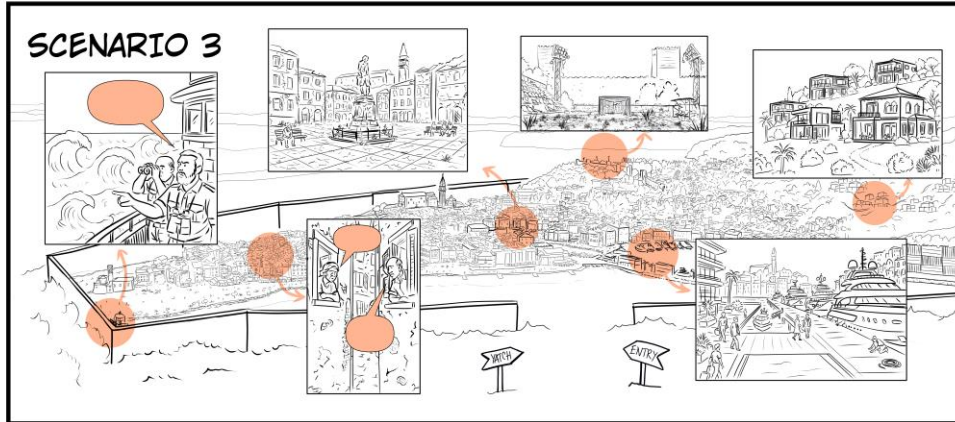
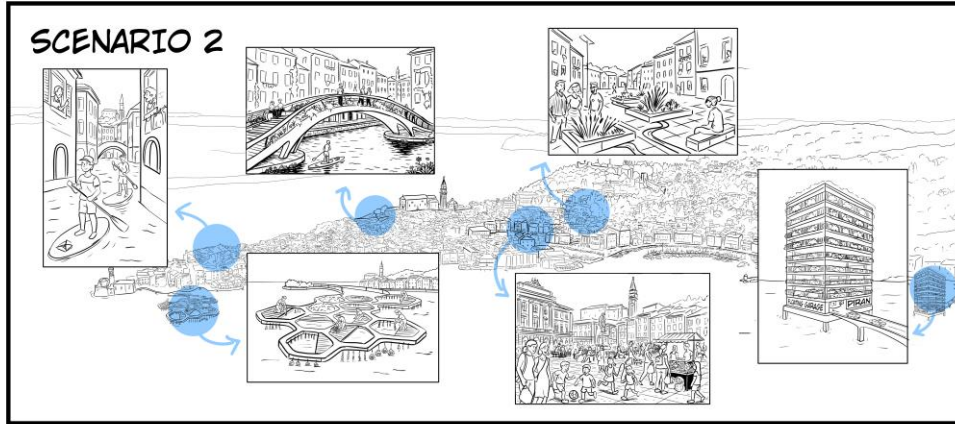
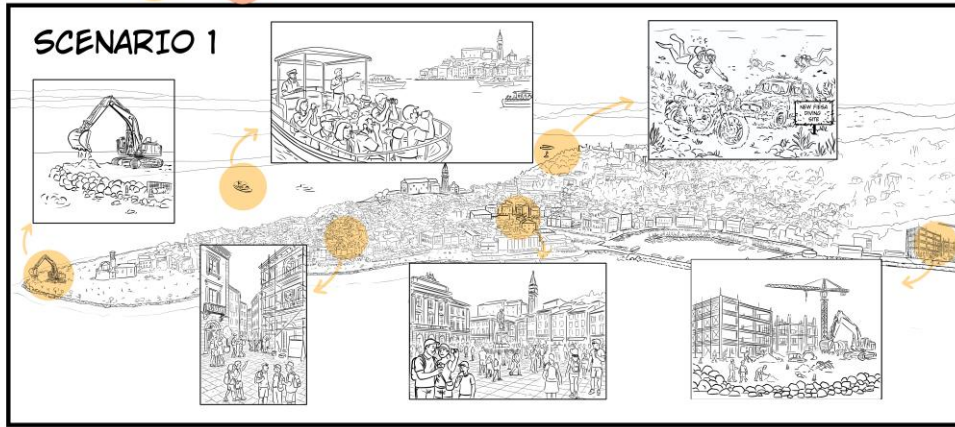
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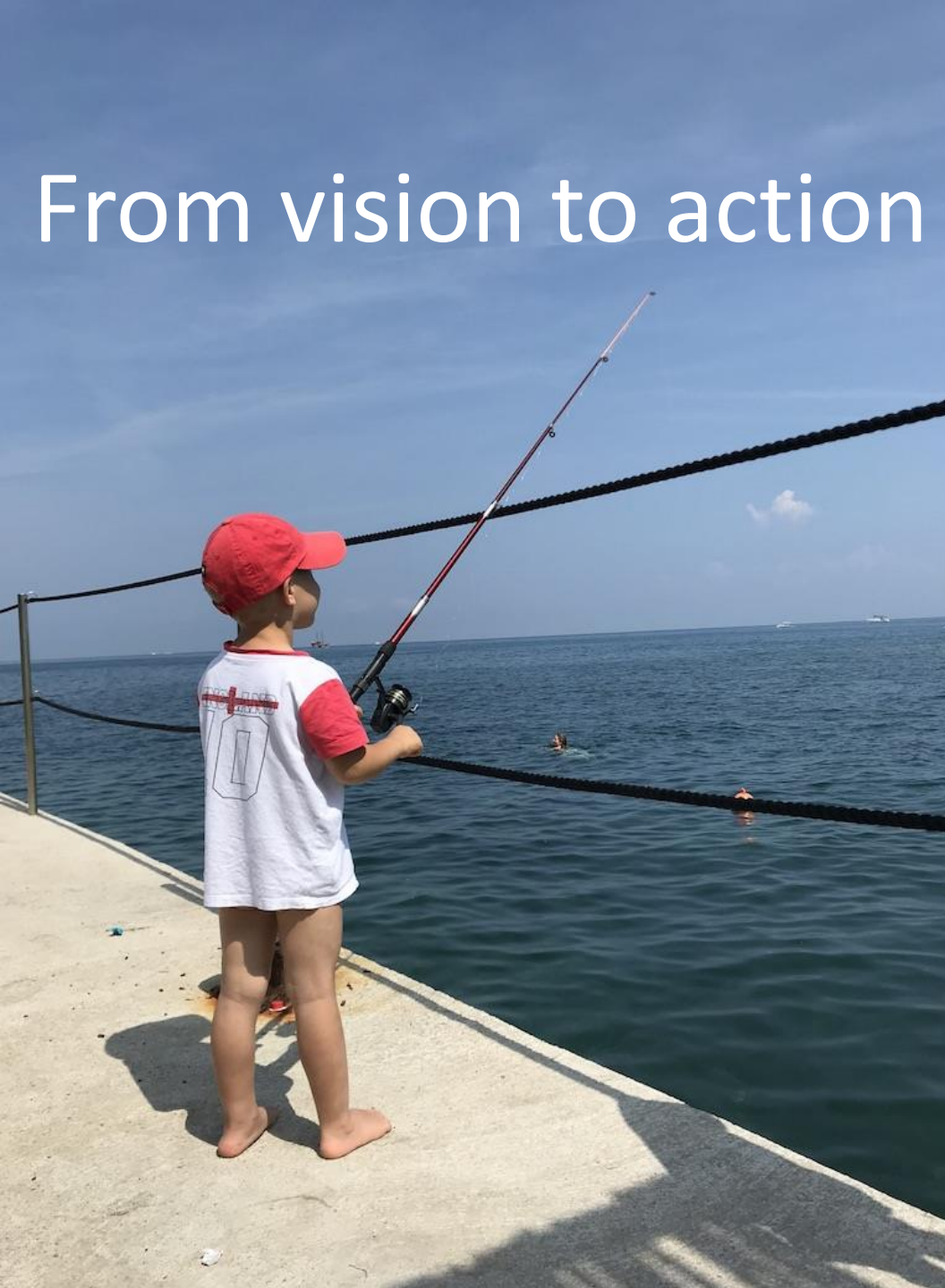




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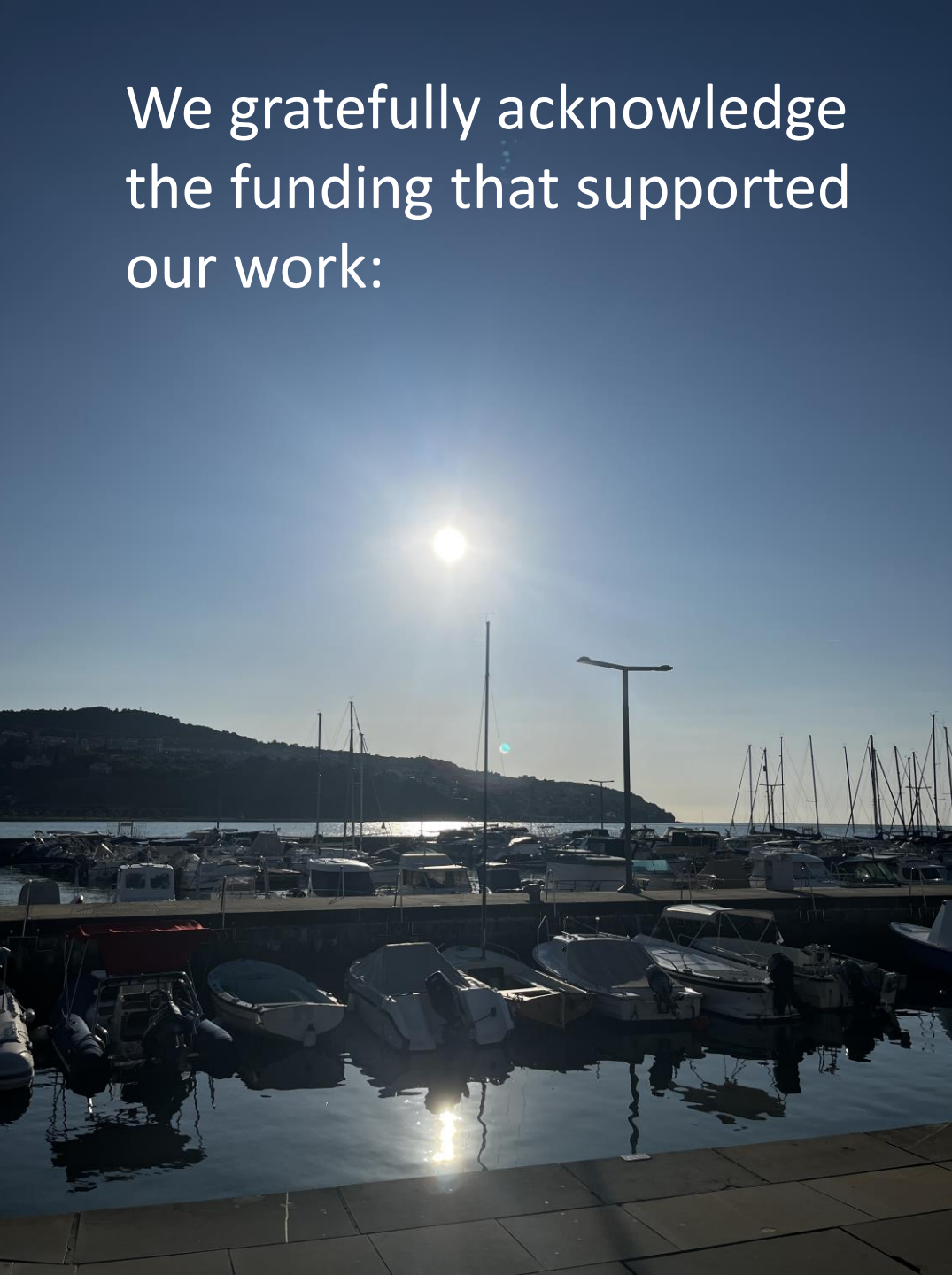


# From vision to action



- Involving diverse perspectives, particularly of the youth, is significant for developing the adaptation pathways
- Learn about these perspectives – with responsibility

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Mediterranean agricultural practices  
and societies in adaptation to  
climate change (P5-0453)



LIFE23-IPC-SI-LIFE4ADAPT  
Slovenia's Strategic Integrated  
LIFE Project for Adaptation



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EU Strategy for the  
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**EUSAIR**

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