



## Project presentation slides



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# Presentation of the ARSINOE project

## Key facts



## Climate-resilient regions through systemic solutions and innovations

41

Partners  
coordinated by  
the University of  
Thessaly

15

European  
countries

9

Case studies in  
Europe

15

Million Euros

48

Months (October  
2021 – October  
2025)

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## Challenges & Approach



Climate change is complex and interconnected with other global challenges such as food security, water scarcity, biodiversity depletion and environmental degradation.

Adaptation refers to all approaches taken to adjust, prepare for, and accommodate new conditions that are created by changing climates.



ARSINOE will apply a three tier approach to address the growing complexity, interdependencies and interconnectedness of modern societies and economies and propose climate change adaptation solutions

# Presentation of the ARSINOE project

## Objectives

- 1** Facilitate a **fundamental transformation** of economic, social and financial systems that will trigger an exponential change in decarbonization rates and strengthen climate resilience
- 2** Support recovery from the COVID-19 crisis and climate resilience
- 3** **Support communities and scientists** in efficiently evaluating the environmental and economic effects of climate change
- 4** Offer **advanced Environmental Intelligence** services and tools
- 5** Quantify, model and manage **climate risk** in a systematic way through resilience
- 6** Facilitate **knowledge transfer and exploitation** for start-ups and SMEs



# 9 Case studies in Europe



**CS#1: Greening the Athens metropolitan area**



**CS#2: Mediterranean Ports**



**CS#3: Main River**



**CS#4: Ohrid/Prespa lakes**



**CS#5: Canary Islands**



**CS#6: Black Sea**



**CS#7: Southern Denmark**



**CS#8: Torbay and Devon county**



**CS#9: Sardinia**



# The ARSINOE Concept – Three Tier Approach



## SYSTEMS INNOVATION APPROACH

The Systems Innovation Approach addresses the growing complexity, interdependencies and interconnectedness of modern societies and economies. It focuses on the functions of the cross-sectoral system “as a whole” and on the variety of actors.



## CLIMATE INNOVATION WINDOW

The Climate Innovation Window is the EU reference innovations marketplace for climate adaptation technologies. It facilitates the market exploitation of validated tools and technologies by interested parties.



## CLIMATE CHANGE ADAPTATION SOLUTIONS IN THE INNOVATION PACKAGES:

Pathways to solutions are co-created and co-designed by stakeholders to form an innovation package for resilience to climate change.

# Policy Dossiers

- Focus on methodology
- 9 diversified case studies
- Transversal activities
- Large policy scopes

