



**DURATION** 09/2021 - 08/2025

**PROJECT LOCATION:** Belgium, France,  
Greece, Italy, Spain,  
United Kingdom

**BUDGET INFO:** Total amount: 5,157,112 Euro

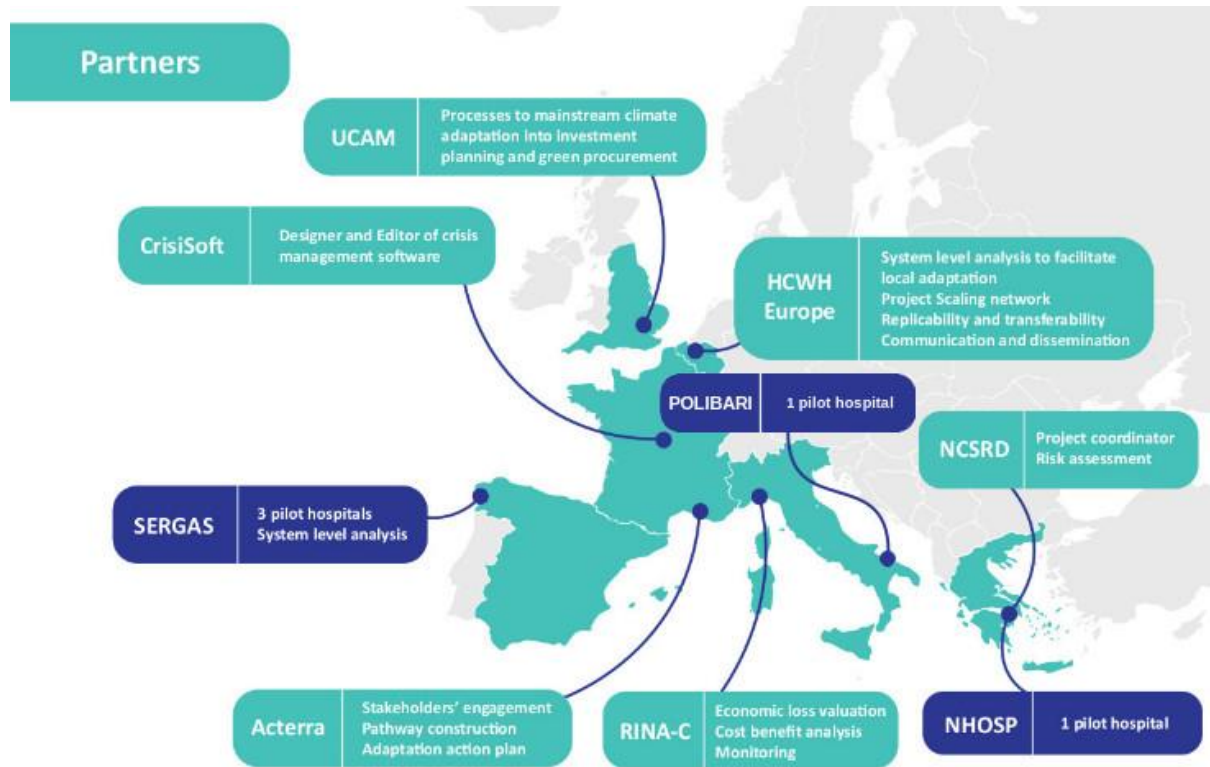
% EC Co-funding: 55%

**LIFE RESYSTAL**-Climate change REsilience framework for  
health SYStems and HospiTALS



<https://life-resystal.eu/>

# Beneficiaries



Coordinator

Technical partners

**Coordinator**: DEMOKRITOS

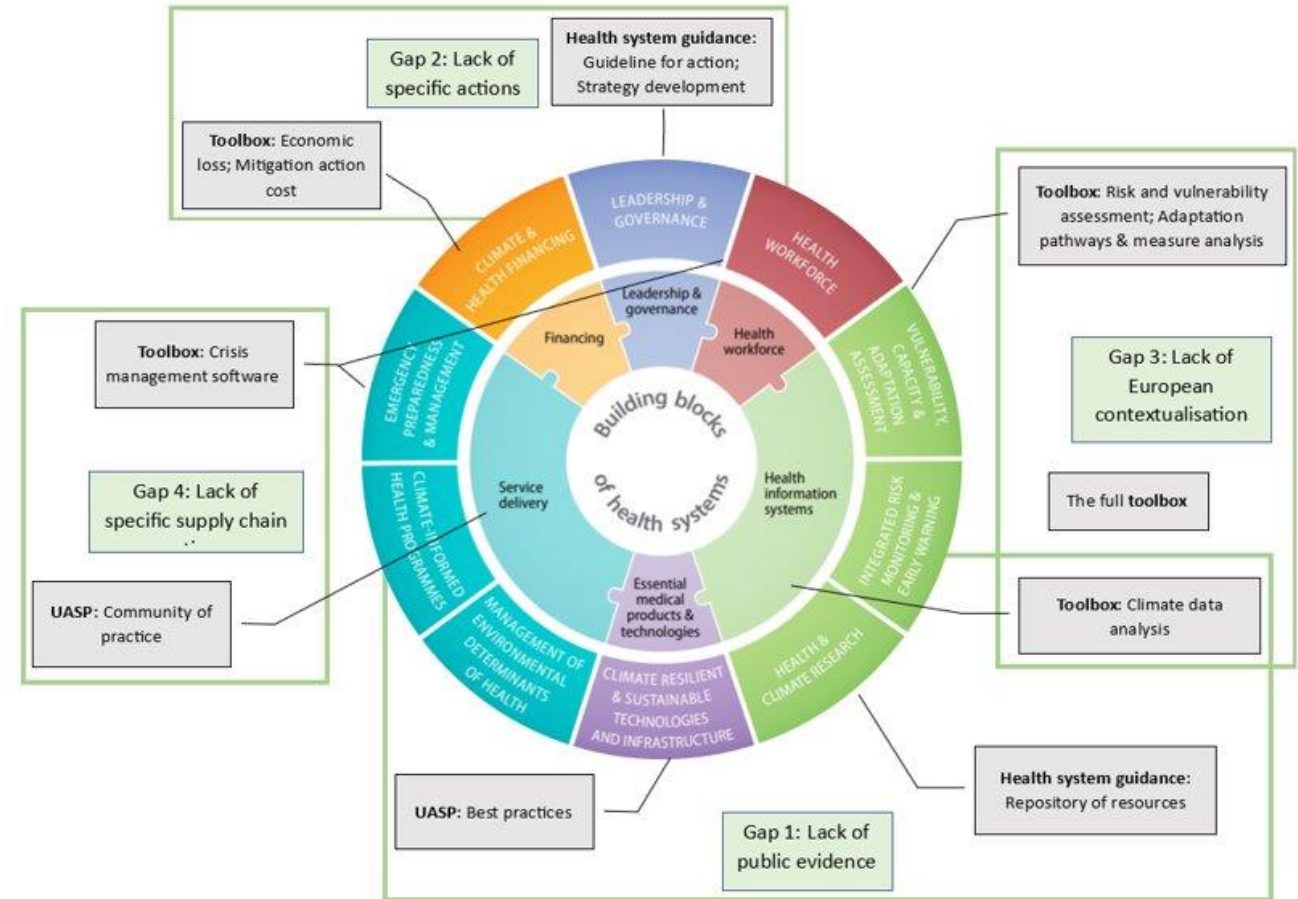
**Technical partners**: UNIVERSITY OF CAMBRIDGE, acterra ENVIRONMENT CLIMATE CHANGE, RINA, CrisiSoft Systèmes de gestion de crises, Health Care Without Harm

Pilot hospitals

**Pilot hospitals**: SERVIZO GALEGO de SAÚDE, ΑΣΚΛΕΠΙΑ ΟΣΠΕΔΑΙΕΡΑ ΠΟΛΙΚΛΙΝΙΚΟ ΒΑΡΕΙ, ΓΕΝΙΚΟ ΝΟΣΟΚΟΜΕΙΟ ΝΙΚΑΙΑΣ ΠΕΙΡΑΙΑ "ΑΓΙΟΣ ΠΑΝΤΕΛΗΜΩΝ" 2η Υ.ΠΕ. ΠΕΙΡΑΙΩΣ & ΑΙΓΑΙΟΥ

# Objectives

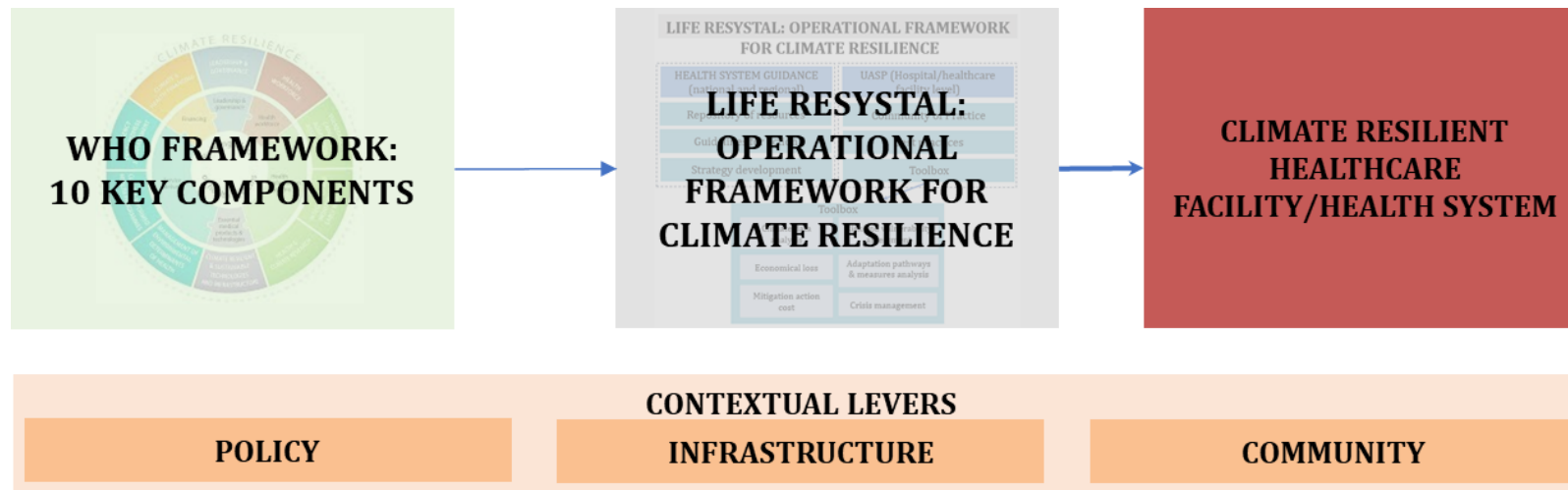
- Increase climate adaptation capacities and resilience of the European Health infrastructure
- Provide an improved analysis of interdependencies between infrastructures ensuring a secured health service provision



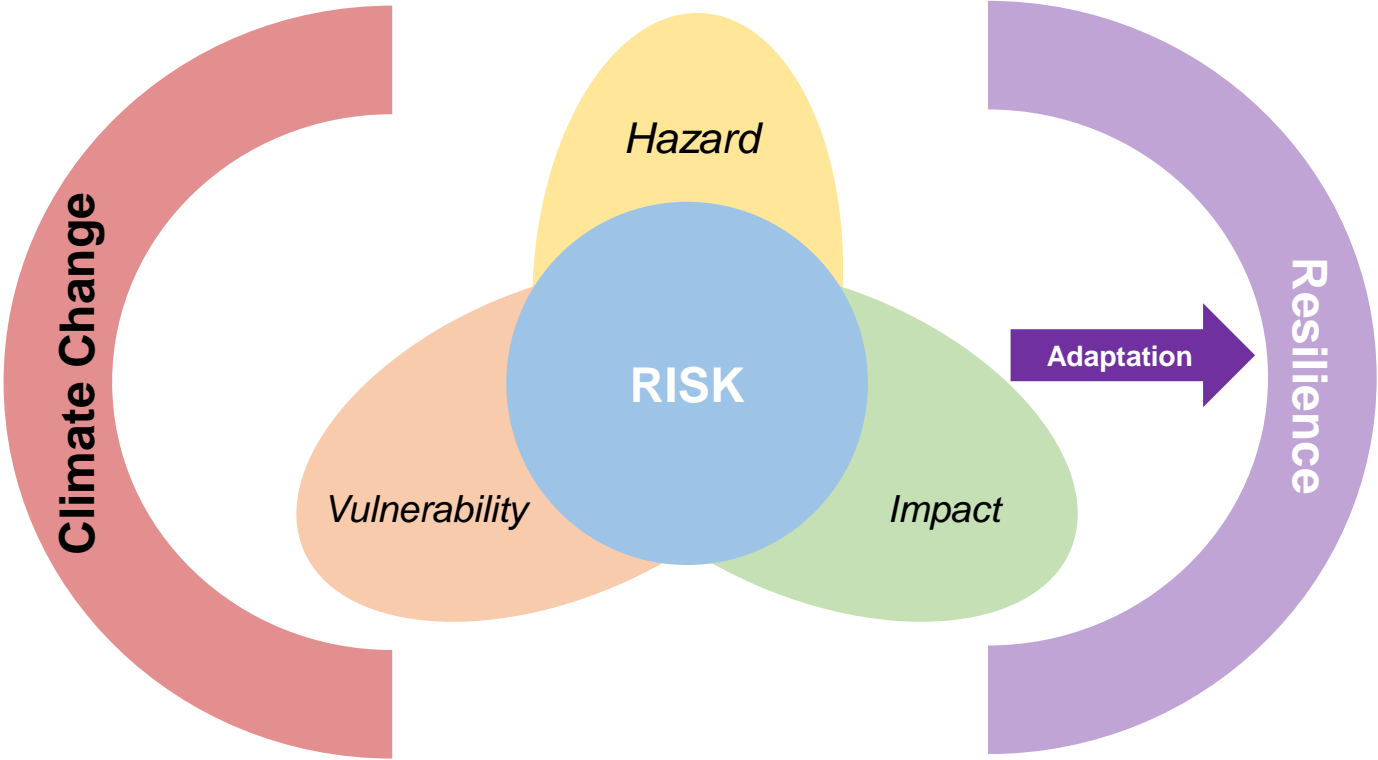
# Objectives

- Engage stakeholders, policy makers, healthcare personnel via Communities of Practice
- Provide a better investment decisions to consider and encourage climate change adaptation
- Produce innovative solutions that will be tested in 5 pilot hospitals





# Towards a climate resilience EU health

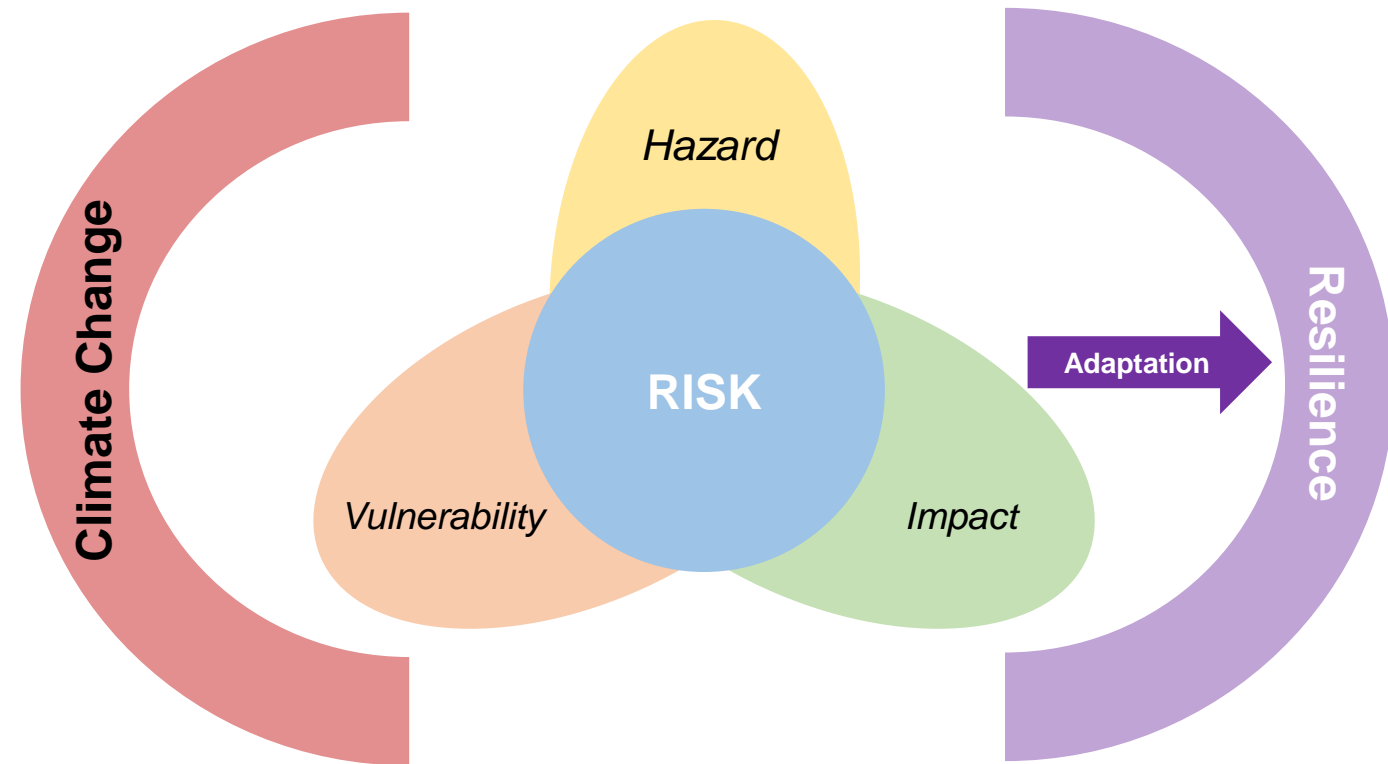


# Towards a climate resilience EU health



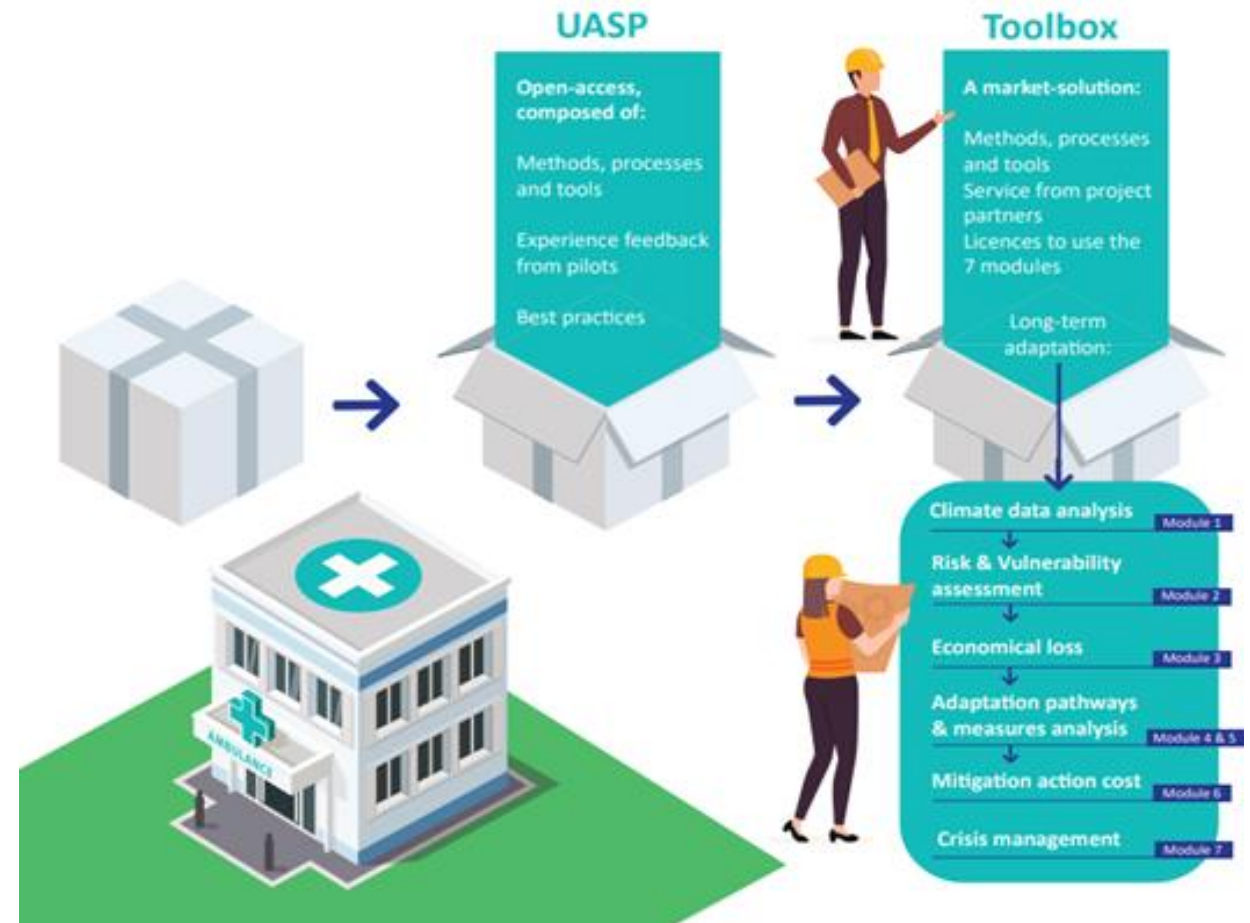
## Sectors of expertise:

- EU healthcare system (guidances)
- vulnerability and climate risk assessment
- adaptation planning
- cost-benefit analysis
- crisis management
- investment planning



# CONTINUATION (REPLICATION, TRANSFER, MARKET UPTAKE)

- Set the basis of a European Network for the climate adaptation creation of large Scaling Network
- Open Access exploitable result, the Upscaling Adaptation Starting Package (UASP)
- Guidance for system-level adaptation





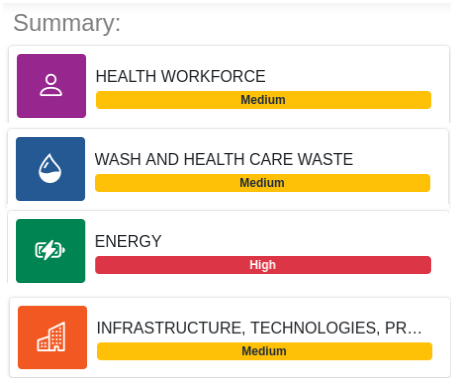
# Climate action plan



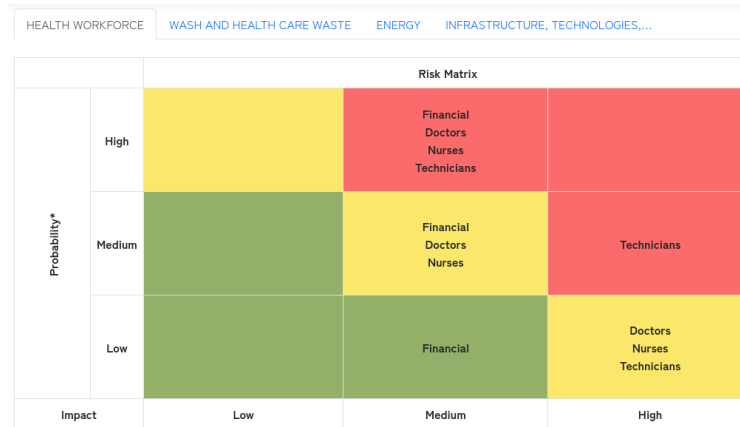
*What the health facilities get ?*

# Climate action plan

## What the health facilities get ?



### List of Impacts



### Vulnerability & Impacts

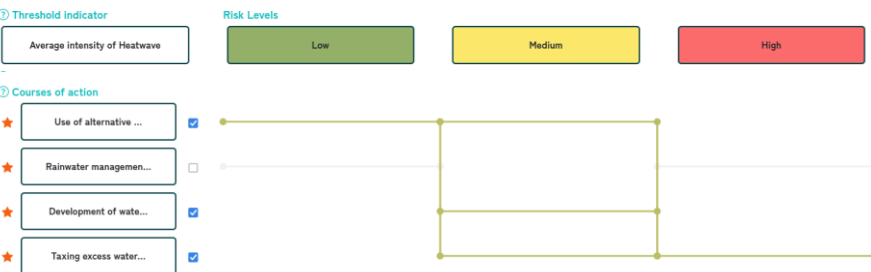
### Risk

### Climate scenarios

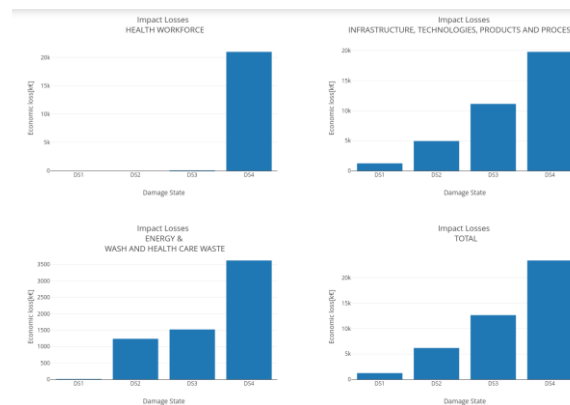
- Mitigate CC (SSP245,RCP45)
- Business as usual (SSP585,RCP85)

### Hazards

- Heatwaves
- Floods
- Wildfires



### Adaptations



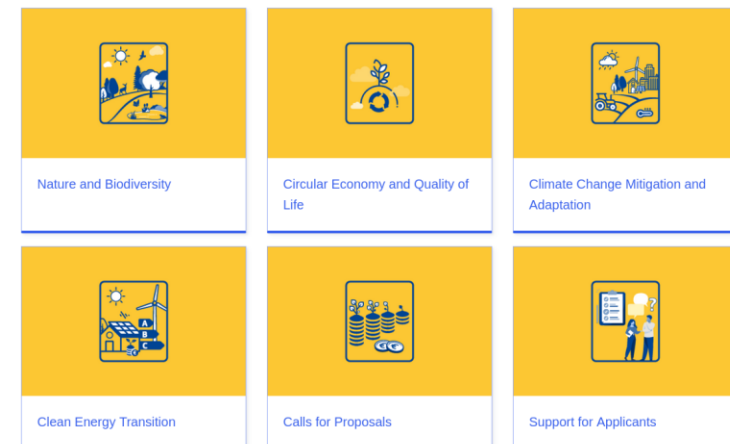
### Monetization



# Writing and coordinating LIFE RESYSTAL



- Close-to-market projects
- No WP but Actions
- Predefine categories of Actions (A, B, C, D, E, F)
  - A: Preparatory
  - B: Buildings (not used in LIFE RESYSTAL)
  - C: Implementation
  - D: Monitoring
  - E: Dissemination communication
  - F: Management
- Extra importance to KPIs of the projects
  - Expected impacts
  - Policy implications
- Template not like Horizon project (at least in LIFE20 cycle)
- Budget analysis is extensive
- Concept the steps/actions in the proposal should build-up to a potential product
- NEEMO monitoring is essential
- Change in platforms and procedures



# Thanks for your attention

Dr. Stelios Karozis, NCSR "Demokritos"



**Stay in touch !**