



# LIFE RESYSTAL

**Workshop: Preventing overflowing of  
healthcare capabilities by preparing for floods  
15/17 September 2025**

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# ABOUT US

We are a network of thousands of hospitals, healthcare leaders, and healthcare professionals, with members across Europe and partners across the globe.

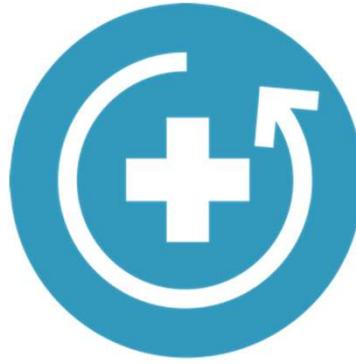
Together we prove that it's possible to deliver the highest quality of care in a way that's sustainable environmentally and financially.



# OUR PROGRAMMES



CLIMATE-SMART  
HEALTHCARE



CIRCULAR  
HEALTHCARE



SAFER  
PHARMA

# OUR ACTION NETWORKS



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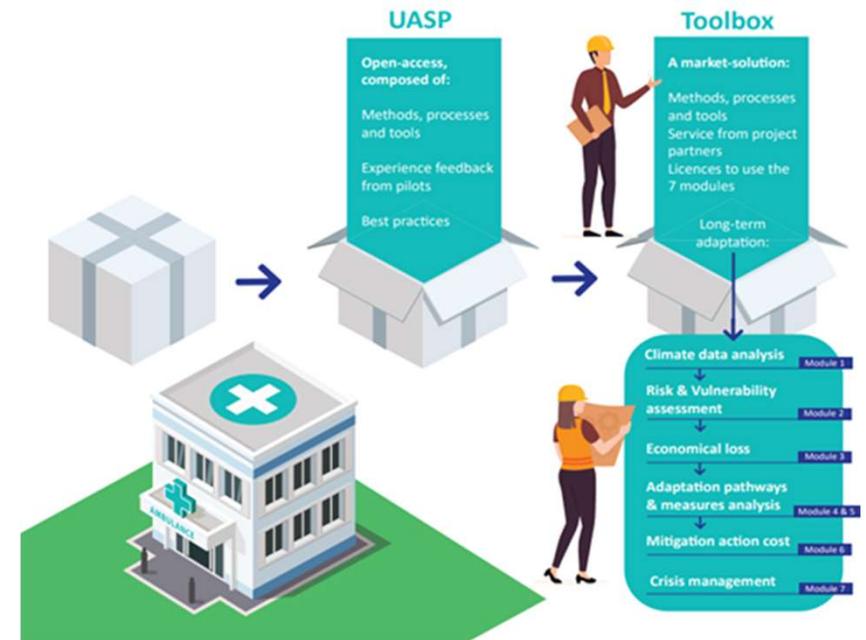
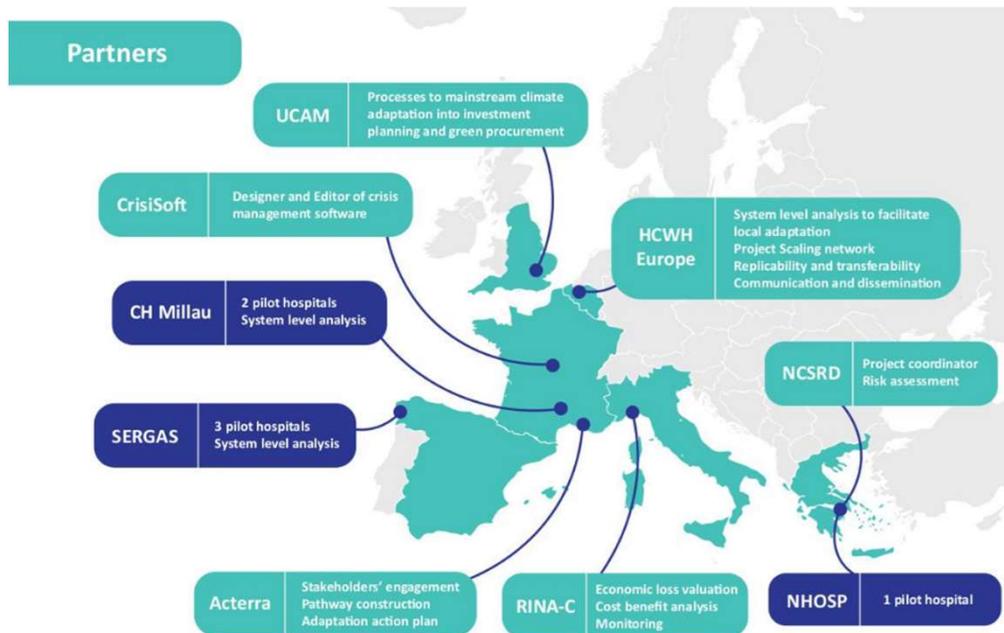


## CLIMATE CHANGE RESILIENCE FRAMEWORK FOR HEALTH SYSTEMS AND HOSPITALS

- The LIFE RESYSTAL project is working to address gaps in the European health systems' climate resilience.
- It is producing a set of innovative tools and resources for healthcare systems and hospitals that will ensure Europe's health infrastructures are prepared for the impacts of climate change.

[liferesystal.eu](https://liferesystal.eu)

# Project structure



# LIFE RESYSTAL pathway

1. Community of Practice
2. Toolbox
3. Measures

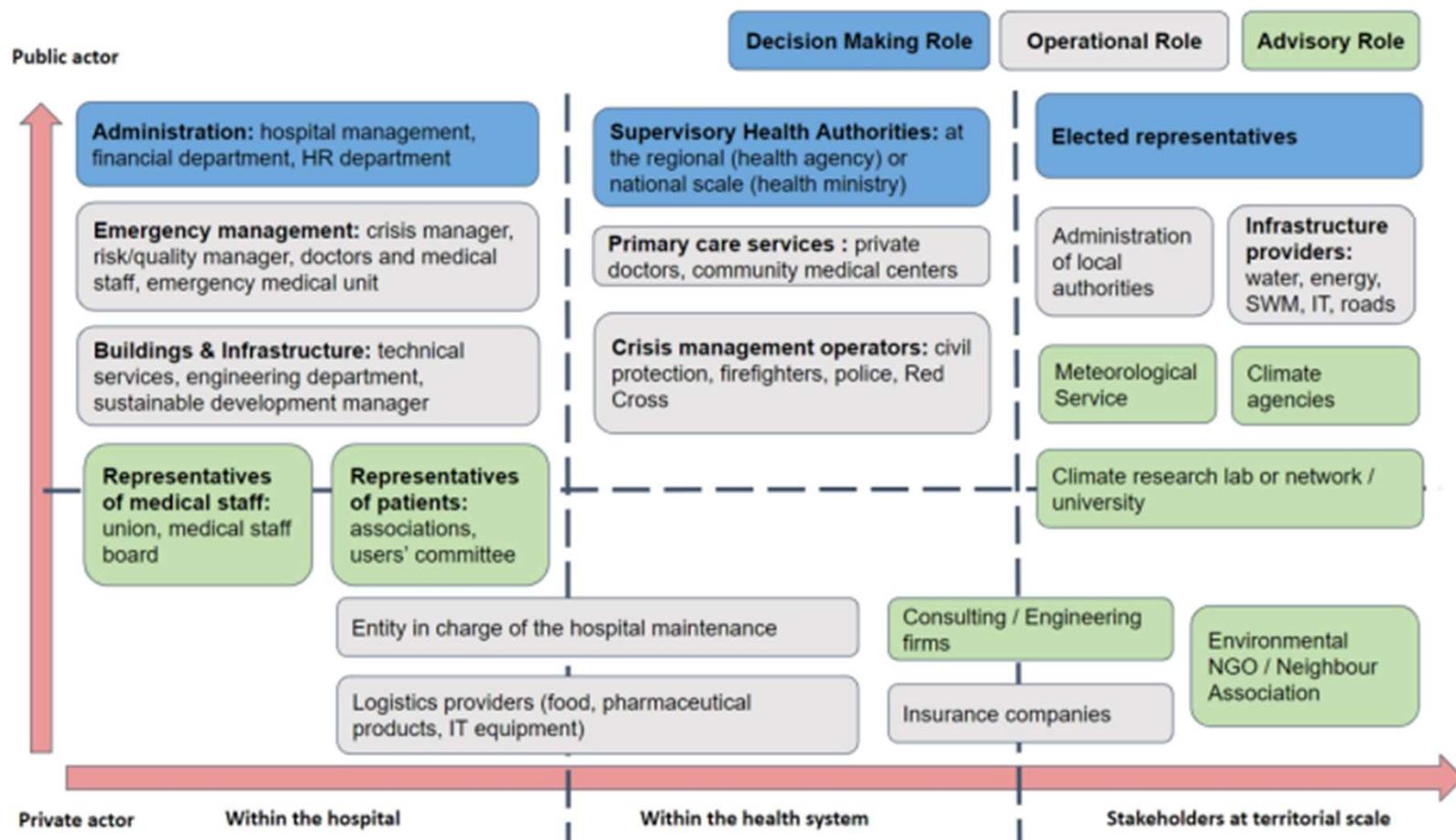


# Community of Practice

- Network composed of relevant stakeholders that can help healthcare facilities increase the climate resilience capacity
- It allows the participation and active engagement of cross-sectoral and multi-scale stakeholders from the local and regional communities

The main objectives are:

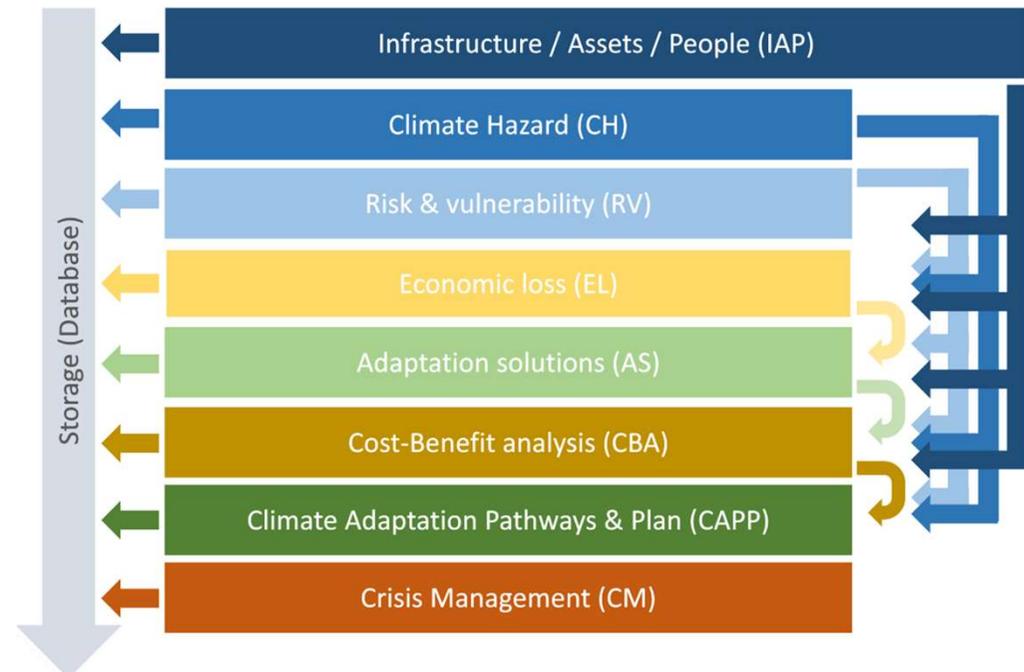
1. Facilitate the collection of data needed for the climate risk assessment and the development of adaptation pathways
2. Ensure the buy-in of local stakeholders to the climate adaptation process and the endorsement of the hospital's adaptation strategy
3. Ensure coordinated answer



# Toolbox

The LIFE RESYSTAL Toolbox is a set of eight practical modules designed to help healthcare facilities understand, prepare for, and adapt to the impacts of climate change. The modules are interconnected, working together as a single, powerful resource — guiding hospitals from the first risk assessment through to the development of an adaptation plan.

The toolbox turns climate challenges into a practical action plan, helping healthcare systems protect people, safeguard infrastructure, and stay operational in a changing climate.





# Galician Health Service (SERGAS)

## Green roof

Hospital Público do Barco de Valdeorras is located in Valdeorras. It is a small hospital with 100 beds, one main building, and a built area of 14,500 m<sup>2</sup>.

Located on the roofs of two sections of the hospital building in O Barco de Valdeorras, the green roof will increase the building's stormwater management capacity and provide insulation, potentially lowering the need for heating and cooling.



# Policlinico di Bari

## Ecological sidewalk

Ecological sidewalk: Located along the north side of the hospital perimeter wall, the sidewalk is characterised by draining and sustainable materials to facilitate the flow of rainwater.

The pedestrian path is flanked on both sides by a tactile area for people with a visual impairment and green flowerbeds, irrigated with a low-consumption drip system, with the creation of a well for the extraction of groundwater for irrigation.

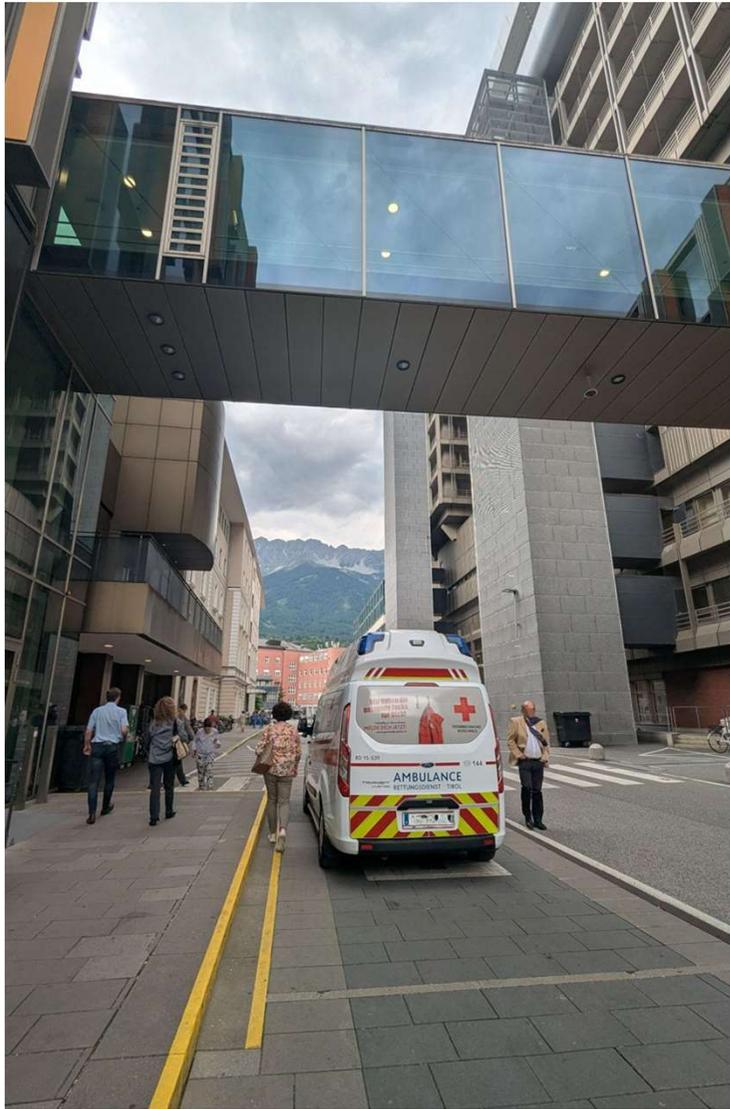


## PRACTICAL GUIDE FOR BUILDING CLIMATE-RESILIENT HEALTH SYSTEMS



# Practical Guide for Building Climate-Resilient Health Systems

- Created with insights from LIFE RESYSTAL pilot health systems
- Applicable to any European health system
- Helps organisations integrate climate resilience into healthcare planning
- Divided into two parts
  - **Part one:** It defines key concepts related to climate resilience and health systems and explains how climate change affects health systems, infrastructure, and services.
  - **Part two:** A step-by-step approach, outlining the essential actions required to strengthen resilience and including practical guidance for implementation.

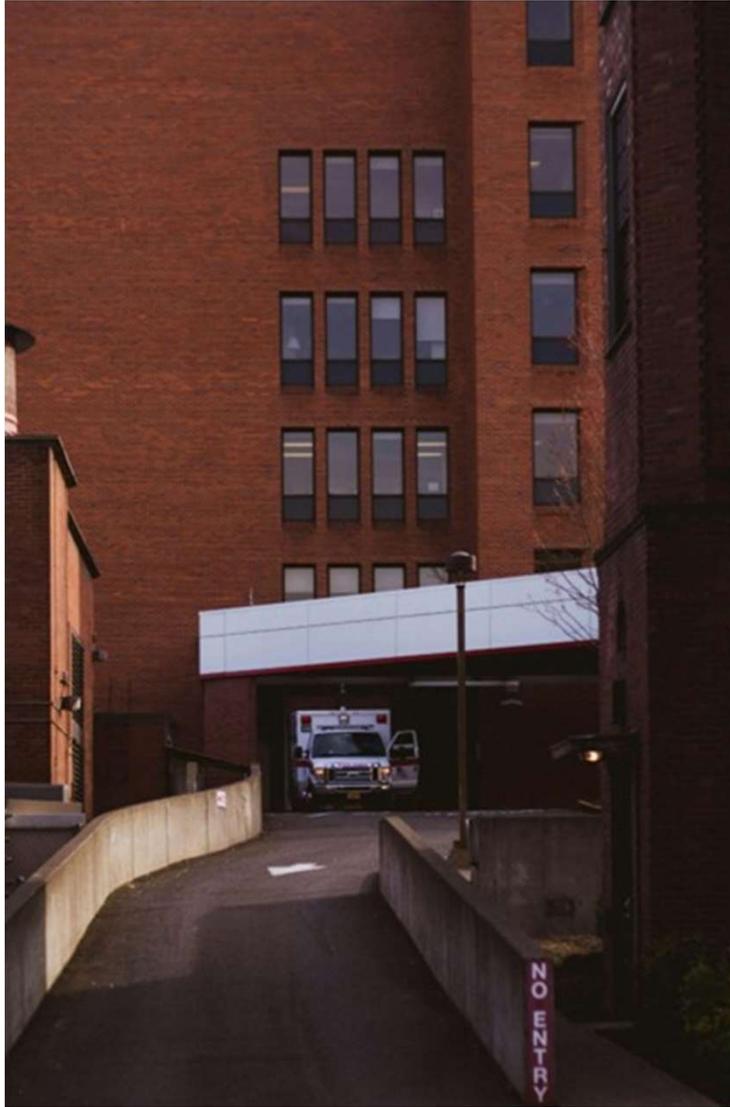


# Tirol Kliniken



## Flooding protection measures

- Protective walls
- Mobile aluminum barriers
- Sealed basement windows
- Mobile fire brigade pumps
- Mobile backup generators



# Conclusion

- Sectoral national adaptation planning and assessments are essential to make a real change
- Cross sector collaboration and stakeholder engagement are the key for community adaptation
- Planning and assessment become a common practice
- Healthcare workers mental health and well-being

# HCWH Europe upcoming events

**WEBINAR**

## Shaping Climate Resilient Healthcare in Europe: Through Policy and Practice

*Practical tools and policy pathways for protecting health in a changing climate*

**Time** 24 September 2025  
15:00-16:15 CEST

**Location** Online


 Co-funded by the European Union

# 2025 EUROPEAN HEALTHCARE CLIMATE SUMMIT

Thursday 9 October 2025  
14:00 - 16:30 CEST

 **7<sup>TH</sup> ANNUAL EDITION**  
**Climate Resilience at the Halfway Point:  
Climate Mitigation and Adaptation in a Warmer Europe**

 Co-funded by the European Union



# NO HARM

**Thank you for your attention!**

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