

February 6th, 2023



## Definition & Purpose of the CoP

LIFE
RESYSTAL

- → Definition: an exchange platform, where contributors of the community share their knowledge, their personal and professional experience on climate change and health challenges and solutions
- → Overarching goal: Engage stakeholders from the hospital and beyond (critical infrastructure, climate authorities, local authorities) to build a collective climate-resilient pathway for the hospital

#### → Specific objectives:

- Facilitate the collection of data by technical partners
- Ensure that project deliverables and tools created respond to the needs of the hospital
- Monitor the progress of the hospital's adaptation process
- Ensure the engagement of local stakeholders during the project and afte

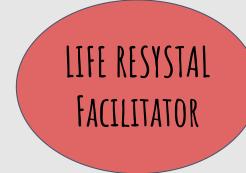


PROPOSED ORGANIZATION OF THE

COMMUNITY OF PRACTICE

CENERAL STATE HOSPITAL OF NIKAIA "AGIOS

PANTELEIMON"



SUPPORT PROVIDED
BY RESYSTAL
TECHNICAL
PARTNERS



























# An Incremental Approach for Community Building



# **Step 1: Awareness Raising**

#### Outcome:

- Shared understanding of key concepts and principles
- Shared view of the CoP Building Process

Outputs: CoP Engagement charter

# Step 2: Institutional Mapping

Outcome: Shared understanding of the health system's institutional context

Outputs: Stakeholder mapping to identify relevent CoP members

# Step 3: Resilience Capacity Assessment

Outcome: Shared understanding of the health system's Adaptive Capacity

Outputs: Resilience Capacity & Needs Assessment Survey

Month 6

Month 1

Timeline

# A tool supporting the CoP engagement framework: the Community Engagement Charter





EU LIFE RESYSTAL Project

Community of Practice Engagement Charter





Climate change REsilience framework for health SYStems and hospiTALs

Community of Practice for Climate Resilience Healthcare Facilities' **Engagement Charter** 

General State Hospital of Nikaia "Agios Panteleimon"

#### Background and Rationale

The upsurge and violence of extreme weather events in recent years linked to climate change (heat waves, floods, etc.) have demonstrated the need for hospitals to be supported in analyzing the impacts of climate change for hospitals and being prepared and resilient to crises and emergency situations, whether they are climatic and/or health-related.

This community of practice (CoP) is initiated within the framework of the LIFE RESYSTAL project whose objective is to increase the climate adaptation capacities and resilience of the European Health Infrastructure and related dependent critical infrastructures, This 4-year project (2021-2025) will develop. demonstrate, evaluate and disseminate a framework for climate-resilient health systems in four sites and

- → In France, the Hospital Center of Millau comprising the hospitals of Millau and the hospital of
- → In Spain, the Galician Health Service (SERGAS) comprising the University hospital of Ourense, the public hospital of Verin and the public hospital of Valdeorras:
- → In Italy, the university hospital complex of the polyclinic of Bari and the Giovanni XXIII hospital;
- → In Greece, the Nikaia General State Hospital, located in Piraeus, Athens.

The LIFE RESYSTAL project and its CoPs contribute to address the current gaps in Climate Change Adaptation (CCA) policies and strategies to strengthen the climate resilience of health systems and consequently of hospitals. Current CCA strategies focus primarily on enhancing the resilience of key infrastructure, such as energy, transport and buildings, but overlook the CCA needs of the healthcare sector and its dependency on critical infrastructures.

#### Definition and Purpose

The Community of Practice is a place of actionable knowledge and solutions regarding the climate resilience of healthcare facilities where contributors i.e. members of the CoP are free to share their knowledge as well as their personal and professional experience.

The CoP's overarching goal is to build a collective climate-resilient pathway for the hospital and its dependent critical infrastructures.

Specific objectives include (see annex 1 for more details):

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EU LIFE RESYSTAL Project

Community of Practice Engagement Charter

- → Objective 1: To facilitate the collection of data needed for the elaboration of the climate adaptation toolbox and other project outputs produced by technical partners1, and ensure that they respond to the needs of the hospital
- → Objective 2: Ensure the buy-in of local stakeholders to the project overarching goal and the endorsement of the hospital's adaptation strategy
- → Objective 3: Monitor the progress of the hospital's adaptation process.

The establishment of the Communities of Practice will constitute the first step of a larger European-scale (scaling) network to initiate synergies between stakeholders for more climate resilient health infrastructure.

#### Membership

The CoP member organizations and their representatives are presented in the table below:

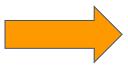
lame of the Organization/Department/Entity	Main Activity	Name of the Representative
-		
is list may evolve during the cour	se of the project. Participation is	free and voluntary. When they

the CoP, members commit to actively engage in its activities.

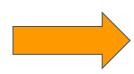
<sup>1</sup> Technical partners of the RESYSTAL project include: ACTERRA, NCSRD, CRISISOFT, RINA-C and UCAM.

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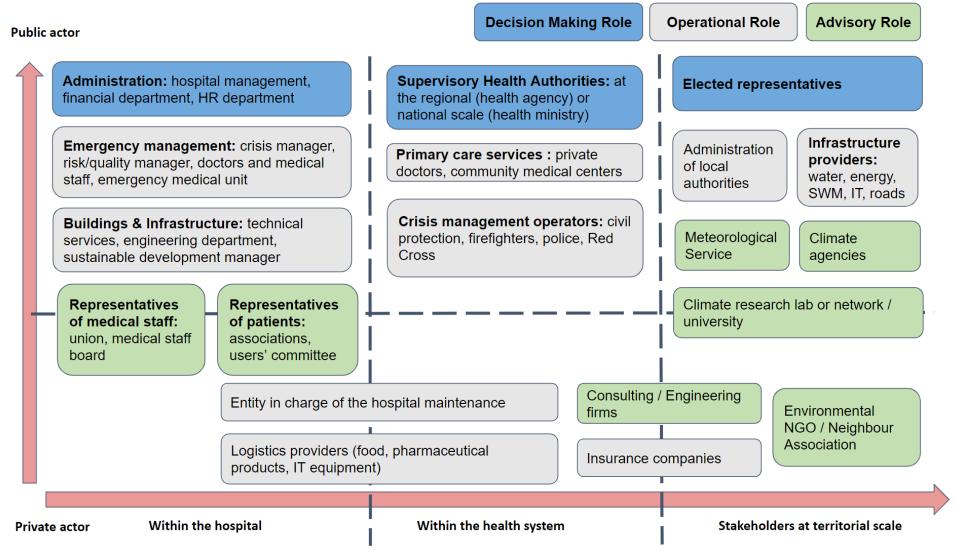
Non-binding document



Each CoP member will review and sign the Charter

### Stakeholders' Matrices





## **RESULTS of the COP Kick-off Meetings**



- Many participants: 12 participants to the CoP KoM in France, 9 in Greece, 28 in Spain, 12 in Italy (excluding RESYSTAL technical partners)
- CoP members actively participated to the interactive sessions and got to know each other

Nieve / hielo



# Lluvia intensa 1. šHa observado un a años en su hospital de años en su hospital de numero de nu

#### I. ¿ESTÁS AL TANTO DE LOS PROBLEMAS CLIMÁTICOS?

1.  $\delta$ Ha observado un aumento de los riesgos climáticos (directos o indirectos) en los últimos años en su hospital o en la zona donde se encuentra?  $\delta$ Cuales son estos riesgos?



2. & Uuéles fueron los impactos socioeconómicos de estos riesgos? & Han tenido algún impacto en la salud y / o la prestación de asistencia sanitaria de la población?

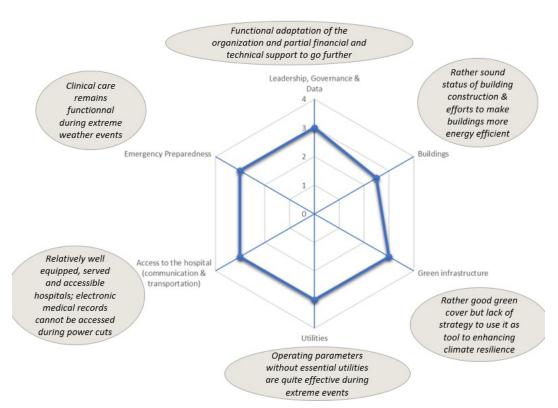
#### CLIMATE RESILIENCE CAPACITY ASSESSMENT SURVEY



	$ \cdot  \times \sqrt{ f_x } $ Servicios de urgencias			N. P.
Α	B B	С	D	
	Apoyo de la reserva sanitaria (médicos jubilados)			
1.6	Otros apoyos a mencionar (estudiantes de medicina, etc.)			Cyprien Butin (4
1.6	Si existen protocolos para el traslado de pacientes, ¿cómo se organizan estos traslados?			Сурпен очин
nplacemen				
	Realice un inventario de la ubicación de los departamentos de cuidados críticos, los servicios d servicios y tienen capacidad para funcionar (incluyendo electricidad, aire acondicionado, sisten climático extremo?			
	Servicios de urgencias			
	Servicios de emergencia			
	Vestíbulo principal/entradas de edificios			Agustín Galleg
	Helipuerto			Name of the last o
	Imágenes			of the same
	Unidades de cuidados intensivos y/o camas			
1.7	Farmacia			
	Historias clínicas/TI			100
	Centro de Mando de Emergencia			
	Cocina/ Almacenamiento de alimentos y agua			Luis Docasar
	Suministros clínicos accesibles			
	Laboratorios clínicos			
	Almacenamiento de residuos peligrosos			
	Morgue			
	Repostaje de la flota de ambulancias/ Garaje			
	Pasillos/conexiones dentro del edificio			1
	Basándose en el inventario anterior, ¿dispone de planes de solución y/o de contingencia			Francisco Arar
1.8	para una posible interrupción de los servicios y funciones vulnerables debido a un			
	fenómeno meteorológico extremo?			
	Evalúe sus vulnerabilidades generales para la atención y el apoyo clínico durante un			
1.9	evento meteorológico extremo basándose en sus respuestas a las preguntas anteriores			
	¿Qué confianza tiene en esta evaluación?			ded.
.2	Capacidad de respuesta en caso de emergencia			
stema de re				
2.1	¿Tiene una doctrina de gestión de crisis?			
2.2	¿Tiene un plan de gestión de crisis?			
2.3	¿Dispone de una gobernanza institucional para la gestión de crisis?			
	¿Dispone de un sistema de alerta temprana para estar informado de las emergencias			
2.4	relacionadas con el clima? En caso afirmativo, ¿en relación con qué autoridades?			
2.5	¿Dispone de un órgano directivo de gestión de crisis? (unidad de crisis)			

Targeted interview to fill the selfassessment survey

# The resilience capacity index for SERGAS (Galician Health Service



## A four-year approach for adaptation planning



Year 1: Review of the methodology and approach for adaptation planning; conduct training to raise awareness of staff

Year 2: Conduct a climate risk assessment and pre-identify relevant adaptation options

Year 3: Conduct an adaptation pathway process and determine the action plan

Year 4: Start implementing adaptation measures linked to the adaptation plan and overseeing their implementation.

- → Plenary meeting every 6 months to monitor the progress of the hospital's adaptation process and ensure that the outputs of technical partners meet the expectations
- → Additional working group meetings or interviews with CoP members will be organized depending on the needs assessed during project implementation

# Work in Progress: The Community Approach Replication Guide



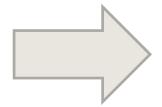
#### **Purpose:**

- Provides a methodology to establish a local Community of Practice to support and sustain a climate adaptation
  planning process at the scale of healthcare facilities.
- Based on the experience within the LIFE RESYSTAL project, mainly the establishment of four local CoPs

<u>Who is it for?</u> Future replicators of the LIFE RESYSTAL scaling network, and more broadly any European healthcare facility with the ambition to understand climate risks and vulnerabilities for its facility and to drive a climate adaptation process

#### **How to use this guide?** It comprises two main sections:

- A presentation of the steps to establish a community of practice, including a timeline and a draft agenda of proposed meetings and workshop
- An annex that includes material to support the community establishment



Draft version submitted in August 2022
To be reviewed by the LIFE RESYSTAL Facilitation Board