FutuResilience

Building sustainable futures together

OPEN CALL FOR PILOTS

INFO WEBINAR

Wednesday 28th June 2023

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101094455.

Agenda

Time	Topic
10:00 – 10:15	**Welcome and introduction** *Alasdair Reid, EFIS Centre, FUTURESILIENCE Coordination*
10:15 – 10:45	**Open call: selection criteria, application process and guidance** *Matias Barberis, EFIS Centre, FUTURESILIENCE Project Manager*
10:45 – 11:00	Q&A Session
11:00 – 11:45	**Examples of 'Future Resilience Labs'** *Luca Lanzoni, Polytechnic University of Cartagena, Murcia Lab* *Martin Kruse, Copenhagen Institute for Future Studies, BAPEMED Lab* *Yannis Psycharis, Regional Development Institute, Chios Lab*
11:45 – 12:00	Q&A Session

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Project background

- Crises at local, regional and international level have become increasingly frequent over the last two decades. This has raised the interest in resilience, **testing the capacities of different stakeholders** to cope, adapt and build back better.

- Multiple crises such as the pandemic, disasters, energy or climate change highlighted inequalities in the public, private and civil society sectors and at all institutional levels in the way they are prepared to face unexpected crisis and to deal with uncertainty.

- **Research and innovation (R&I) can play a key role** by providing a basis for a more flexible and responsive capacity of stakeholders in crisis periods, informing policy development and decision-making, and thus, strengthening resilience and preparedness for future events.

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The FUTURESILIENCE project

The **FUTURESILIENCE** project aims to strengthen European economic and social resilience through an enhanced ability to adapt and quickly respond to future crises.

Map existing policy relevant European R&I findings with high potential to inform policy making for economic and social resilience, and to help address societal challenges.

Define methodologies and guidelines for testing in how far the identified R&I findings can inform policies addressing national, regional and local needs.

Implement 10 'Future Resilience Labs', where multiple stakeholders will discuss and test strategies tailored to their specific context and matching their local needs.

The experimentation will be done in a co-creation environment applying Foresight. participative methodologies and use Agent Based modelling to understand drivers and barriers for implementation.

Develop a Knowledge Base of the successfully tested research findings with high capacity to inform policy actors and a Toolbox of methods for testing policy relevant research findings

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The consortium

EFISCENTRE

Fraunhofer ISI

NTNU | Samfunnsforskning

Università degli Studi di Ferrara

Mittuniversitetet
MID SWEDEN UNIVERSITY

Universidad Politécnica de Cartagena

COPENHAGEN INSTITUTE FOR FUTURES STUDIES

FORESIGHT CENTRE
An independent think tank at the Riigikogu

Maastricht University

Regional Development Institute
of Panteion University

1506
UNIVERSITÀ DEGLI STUDI DI URBINO CARLO BO

BULGARIAN ASSOCIATION FOR PERSONALIZED MEDICINE
Each patient matters

Ayuntamiento de Murcia

ΔΗΜΟΣ ΧΙΟΥ

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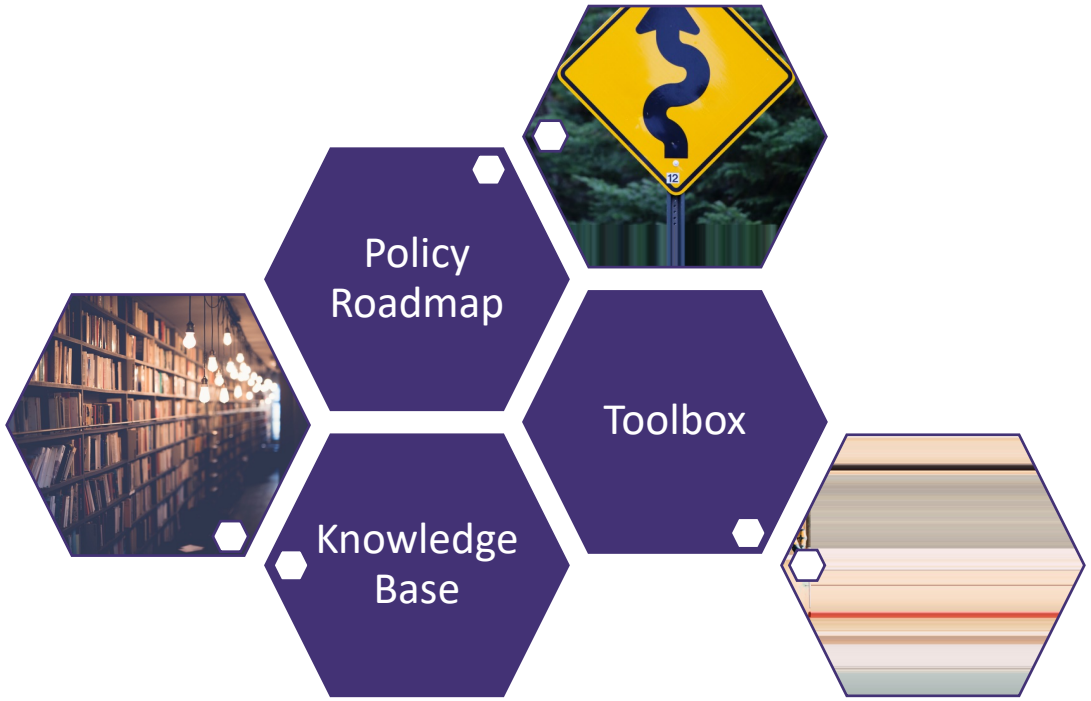
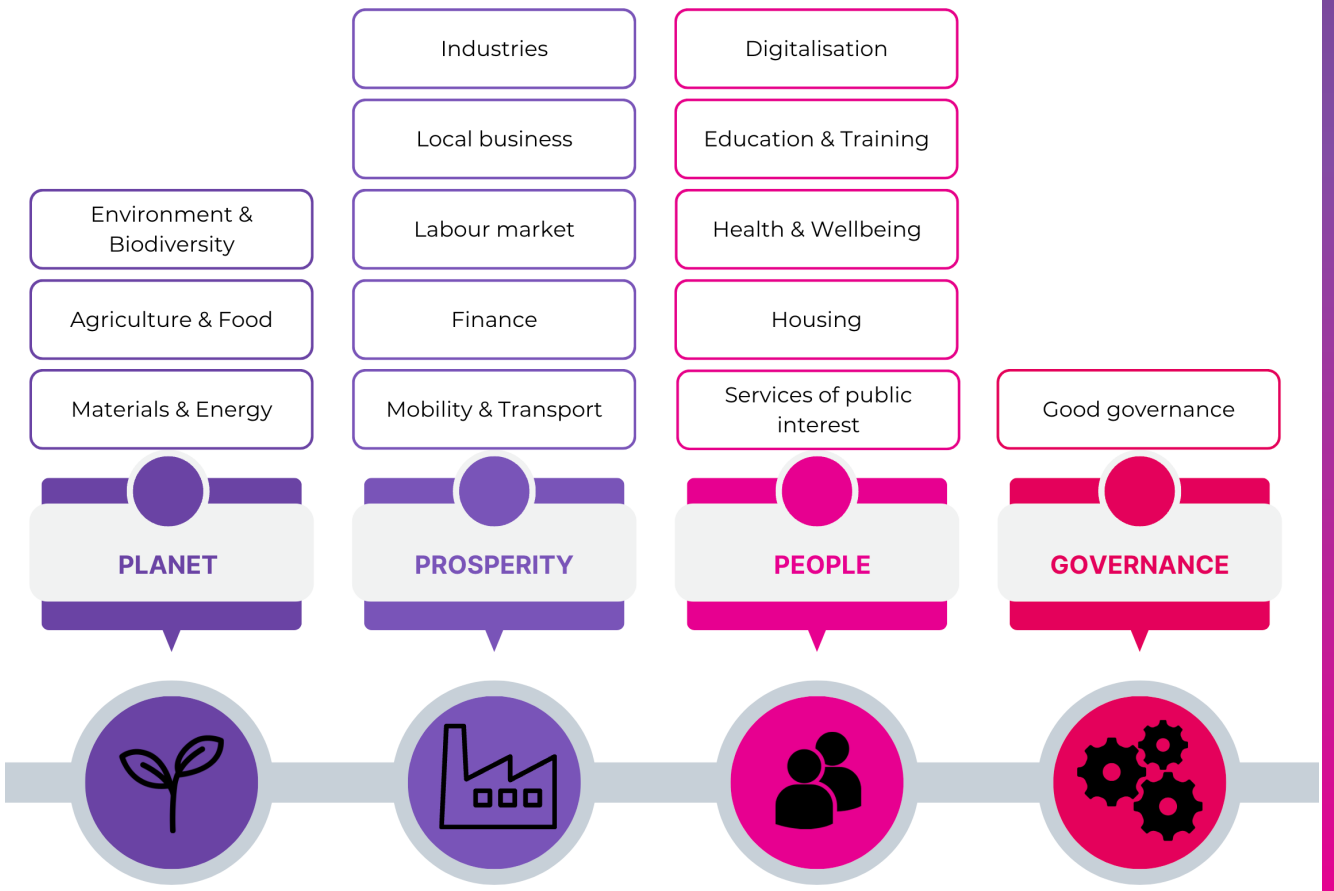
Project main products

Innovative solutions addressing specific societal challenges can work if different stakeholders are **willing to adopt, tailor and implement these solutions in a sustainable manner**.





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Future Resilience labs

Structure and process of the labs

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Future Resilience labs

- At the project's core is an **experimentation phase** that will include 10 Future Resilience labs working with foresight and participative methodologies to tackle a range of challenges.
- Organised in co-creation mode and guided by a group of experts from the consortium, each Future Resilience lab will **address challenges** they face from internal or external shocks.
- The experimentation will result in the uptake and tailoring of existing solutions and design of novel ones to address the challenges of the pilot case, looking to increase future preparedness and resilience.

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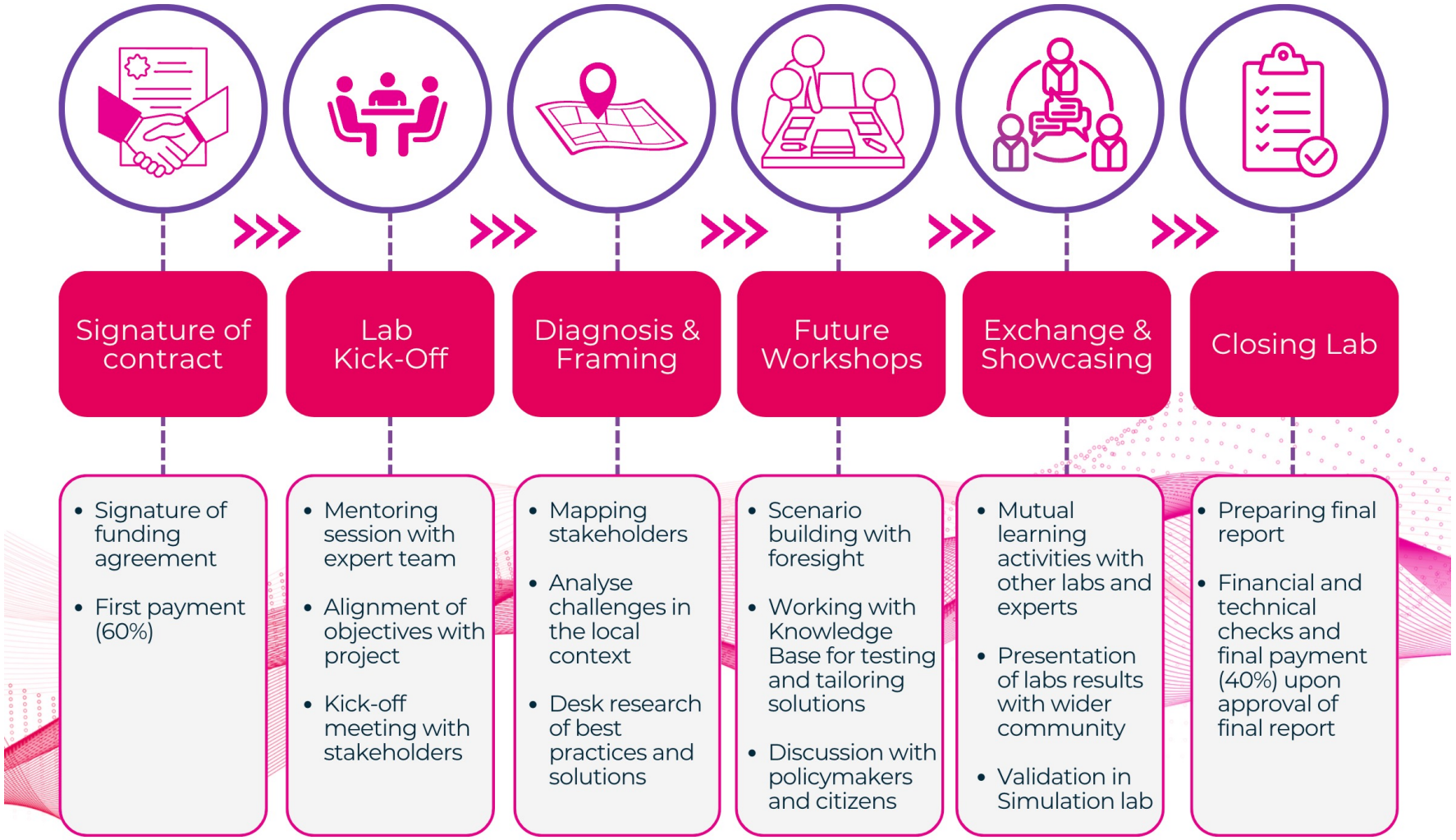
Structure of the Future Resilience labs



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What to expect from the project? (i)

- Up to **€60k funding per lab** – budget could be higher and you can co-fund the Future Resilience lab!

- Tailored **support from a team of experts** on resilience, foresight and cross-cutting topics. One organisation from the consortium will be designated as “mentor” of the lab

- **Access to the beta version of the Knowledge Base** with evidence-based solutions to build resilience. You will also have the possibility to contribute to enlarge the database!

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What to expect from the project? (ii)

- Joining a community of practice on societal resilience and **exchange of experiences** in mutual learning activities with other Future Resilience Labs and experts.

- **Showcasing your results** with larger academic and policymaking stakeholders.

- Participation in the **validation phase** of lab experiences in the Simulation Lab in Mid-Sweden University (Sweden, mid 2025)

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Application process

Guidelines for application & evaluation criteria

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The application process

- The project launched an open call to support **additional 7 labs**
- Expected pilot duration: from 9 to 12 months (starting 2024)
- Deadline for applications: 12th October 2023 15:00 CET

Date	Step
15th June 2023	**Open call launched**
12th October 2023	Deadline for submission of applications
20th October 2023	1st Evaluation: eligibility check
31st October 2023	2nd Evaluation: experts' individual evaluation
16th November 2023	3rd Evaluation: evaluation panel decision and submission to European Commission for final approval
January 2024	Contracting and signature of approved third-party grants and start of projects.

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Who can apply?

- **Applicants must be legal entities** (e.g. regional or local authorities; industries or business groups, civil society associations, research infrastructures and public research centres; cross-border or interregional partnerships)
- Applicants shall **not have any potential conflict of interest** with the FUTURESILIENCE selection process (notably they should not have legal relationship with any organisation that is a member of the FUTURESILIENCE consortium, including affiliated entities, or any person sitting on the advisory board).

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What topics are included?

- Proposals should **address specific challenges** within areas such as urban development, agriculture, mobility, health, welfare system, industries, among others. We welcome applications that address cross-cutting areas and interrelated uncertainties.
- **Guiding questions**
  - What would be a major challenge/shock to which your [e.g. city, region, organisation] would be most vulnerable to, given the existing capacities?
  - How is the challenge interrelated with other existing problems?
  - What solutions have been implemented that contributed to mitigate the impact?
  - What can be changed in order to be better prepared for the future?
  - What are the gaps that should be addressed to build resilience and strengthen absorptive and transformative capacities?

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Indicative list of topics

Topic	Challenges
Urban development	housing as human right; difficulties in implementing green or digital solutions in remote regions; gentrification and inequalities; unsustainable concentration of population in urban centres / unsustainable urban sprawl
Agriculture	access to climate-friendly technology; shifts to sustainable food production systems; producing food with less water; preserving food biodiversity; addressing land-use conflicts
Mobility	transitioning to net-zero policies; use of data to improve mobility solutions; sustainable mobility systems (safe, affordable, accessible, low-emission, climate neutral); traffic reduction (e.g. freight transport)
Health	shifting to digital health, linking to environmental and social implications of doing so; supply chain disruptions due to material shortages; facing pathogens X
Welfare	ageing population and migration (including refugees, mass movement of people, displacement); social protection; tax systems; greed vs. solidarity; financial disruptions
Industries	access to critical material; inefficiency of supply chain; skill gaps in a changing labour market; beyond growth; sustainable value creation models; technology disruptions
Environment	increasing extreme-weather events (heatwaves, flooding, etc.); increasing loss of biodiversity; water resilience; increased stress on water/energy/food supplies; supply of materials for digital transitions

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Application form: excellence (criteria 1)

- Describe the problem you are trying to address, **what are the main challenges and how the problem can evolve in the future**. Include, whenever possible, examples you know on how others have addressed or failed to address it, which solutions may exist to address it.

- You should also indicate the objective/s you intend to achieve at the end of the pilot case and **sustainability after lab ends**.

- Projects require to have a high level of engagement with multiple stakeholders. You may indicate which activities you plan to implement to engage with multiple stakeholders and **complete a pre-defined table with a preliminary mapping of stakeholders** to reach out to during implementation.

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Application form: team (criteria 2)

- The role of each participant (partner) in the project, and their specific responsibilities for the project activities.
- A short biography for each of the persons responsible for carrying out the proposed activities.
- A description of any previous collaborations with other partners of the project

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Application form: feasibility (criteria 3)

- The implementation of the Future Resilience Labs will follow a common structure for all pilot cases. You should **explain how you would effectively achieve the results.** You may add extra milestones and results you deem necessary to achieve the expected results.

- Provide a **work-plan (Gantt chart or similar)** including milestones and expected results.

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Value for money (criteria 3)

- Personnel costs should cover:
  - Desk research (guided by experts) on the diagnosis phase.
  - Engagement with lab stakeholders.
  - Time dedicated to the organisation of three workshops, of which 2 will be in-situ and 1 online.
  - Participation in project activities (mutual learning activities, results webinars)
  - Preparing a final report, according to the provided template.
- Direct costs should cover (should not exceed 15% of total grant)
  - Organisation of at least 2 (two) in-situ workshops, including venue and coffee-breaks.
  - Travel costs for 1 person to participate in the validation phase in the Simulation Lab at Mid-Sweden University (Sweden).
- If you indicate any other cost, you must clearly justify it and explain how these expenses may contribute to reach the objectives of the pilot case.

Partner Name	Personnel Costs	Direct Costs	Other Costs	Overheads (if applicable)	Total
Partner 1					
Partner 2					
Partner 3					
Partner 4					
Total					

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Evaluation criteria

Criteria	Weighting	Elements to evaluate
Excellence	50%	• Coherence of objectives, concept, approach and ambition of the proposal • Alignment of the topic selected with the call text/identified thematic priorities • Sectoral-focus and cross-cutting nature • Relevance to societal, gender, cultural diversity, environmental • Possibility to mobilise sectoral/multilevel stakeholders – focus on citizen engagement • Sustainability approach to the process
Expertise of proposed team	20%	• Previous experience of the team with co-creation activities and participative methodologies • Relevance, added value and composition of the team
Feasibility	30%	• Management strategy • Availability of resources (personnel, facilities, networks, etc.) • Realistic timeframe and comprehensive description of implementation (milestones, risk management)

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Future Resilience Labs examples

MURCIA – BAPEMED – CHIOS

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MURCIA Lab

A co-creation space to support citizen science and crowd mapping on climate change impacts

Universidad Politécnica de Cartagena

Ayuntamiento de Murcia

AGENCIA LOCAL ENERGIA·MURCIA ALEM

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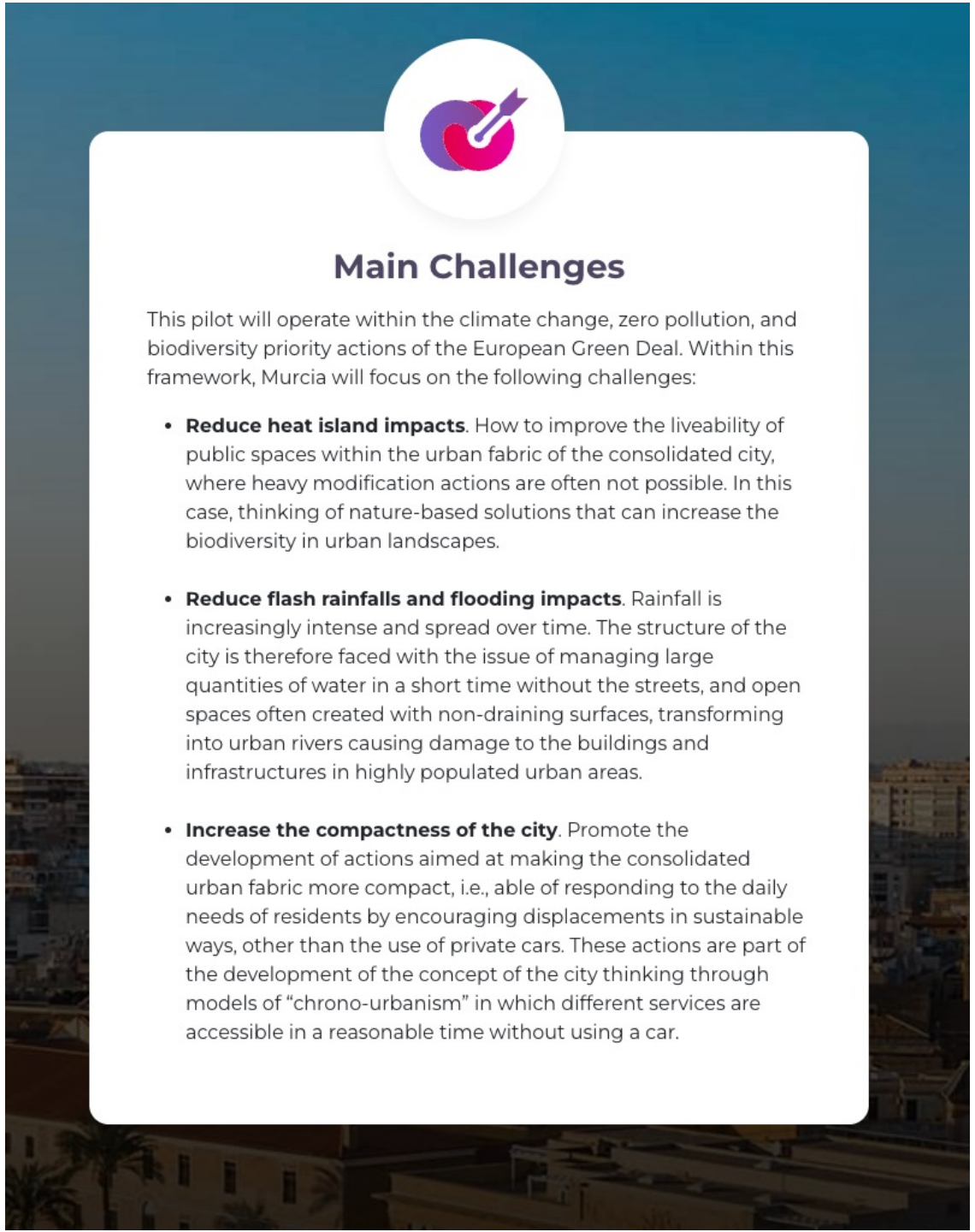

BAPEMED Lab

A new healthcare model

COPENHAGEN INSTITUTE FOR FUTURES STUDIES

BULGARIAN ASSOCIATION FOR PERSONALIZED MEDICINE
Each patient matters

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Main Challenges

The pilot case will build on three key trends: demographic developments, the growing burden of non-communicable diseases, and the expanding role of technology. BAPEMED pilot will focus on key challenges such as system inefficiencies and limited use of health data:

- **Fragmentation of the process** – frequently biologic samples traverse the whole country in order to be genetically tested, in most cases, by a different type of company with different diagnostic structures in the country. This additionally complicates the logistic process and lengthens the time to obtain results and undertake adequate measures).
- The **lack of regulations and adequate regulatory framework** securing the correct conduction of the treatment-diagnostic process – the regulations definitely lag behind the implementation of technologies, a problem that is also in the process of being solved within the boundaries of the EU. Urgently, measures should be taken which should warrant on one hand the high quality and effectivity of the companion diagnostics, on the other hand the right to access of all patients, who would benefit from the target treatment.
- Still a **big percentage of human error** in several stages of the process due to the insufficient level of information of the employees of the healthcare system; as a whole, the lack of reference structures, which should be sufficiently informative and assist the practice in this sector.
- Prediction, prevention and early **diagnosis of diseases** – still in the background, not in focus
- There is **no system to collect health data** – lagging in the development and utilization of eHealth/ Digital Health

CHIOS Lab

The impact of the migration crisis on resilience to climate change in island environments

Regional Development Institute
of Panteion University

ΔΗΜΟΣ ΧΙΟΥ

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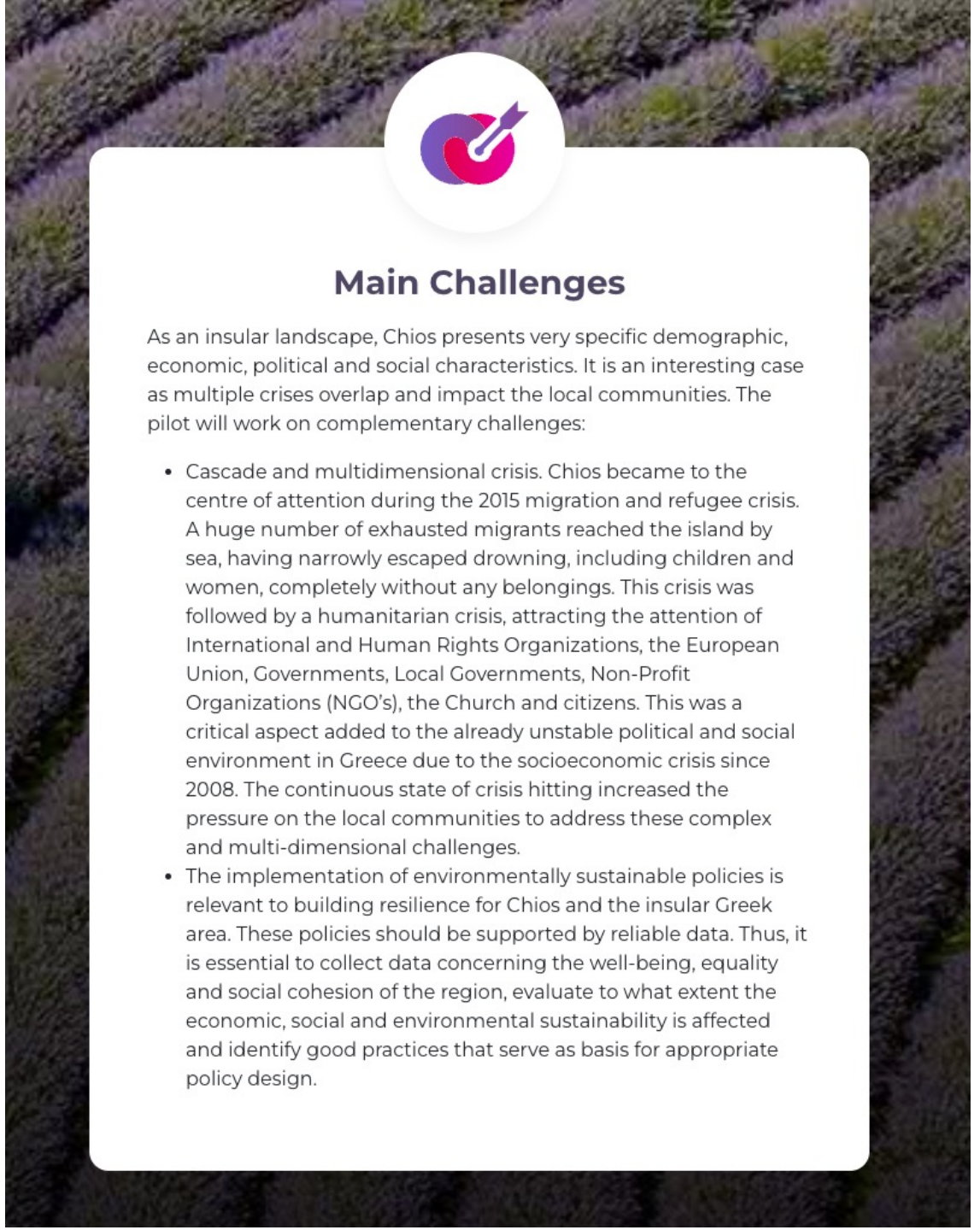

Main Challenges

As an insular landscape, Chios presents very specific demographic, economic, political and social characteristics. It is an interesting case as multiple crises overlap and impact the local communities. The pilot will work on complementary challenges:

- Cascade and multidimensional crisis. Chios became to the centre of attention during the 2015 migration and refugee crisis. A huge number of exhausted migrants reached the island by sea, having narrowly escaped drowning, including children and women, completely without any belongings. This crisis was followed by a humanitarian crisis, attracting the attention of International and Human Rights Organizations, the European Union, Governments, Local Governments, Non-Profit Organizations (NGO's), the Church and citizens. This was a critical aspect added to the already unstable political and social environment in Greece due to the socioeconomic crisis since 2008. The continuous state of crisis hitting increased the pressure on the local communities to address these complex and multi-dimensional challenges.
- The implementation of environmentally sustainable policies is relevant to building resilience for Chios and the insular Greek area. These policies should be supported by reliable data. Thus, it is essential to collect data concerning the well-being, equality and social cohesion of the region, evaluate to what extent the economic, social and environmental sustainability is affected and identify good practices that serve as basis for appropriate policy design.

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Get in touch with us!

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