



EIT Climate-KIC Hub GREECE

Projects and Programmes 2020

Lydia Papadaki,
Manager EIT Climate-KIC Hub Greece
30th October 2020



@ClimateKIC



EIT Climate-KIC is supported by the
EIT, a body of the European Union





Climate-KIC

EIT Climate-KIC addresses the **interdependent challenges** of climate change and sustainable development through **strategic innovation**

Our Vision

A prosperous, inclusive, climate-resilient society with a circular net-zero emissions economy

Our Mission

To catalyse systemic change for climate action

Our Promise

Transformation in time, through innovation

A background image showing a crowd of people at a climate protest. Several signs are visible, including one that says "LIBERALS UNLESS YOU REALLY ACT ON CLIMATE CHANGE NOT EVEN YOUR SAFEST SEAT IS SAFE. Don't Vote Liberal", another that says "WHAT I STAND FOR IS...", and one that says "YOU DO ADULTS". There are also signs with "PLAN OVER PROFIT" and "I'd be at SCHOOL if the COOL".

The EIT Regional Innovation Scheme (RIS) is a dedicated programme to accelerate climate innovation across Europe, with a specific focus in Southern and Eastern Europe.

In all EIT RIS countries we work with some of the most innovative organisations to set up EIT Climate-KIC Hubs which serve as entry points for interacting with local players, mobilising and internationalising local networks as well as facilitating the connection among business, academy, public sector and wider society.

Our goal is stimulating low carbon innovation in countries, regions and cities across Southern and Eastern Europe, securing EIT Climate-KIC's pan-European reach and boosting climate innovation capacity across the continent.

EIT RIS - Local Ecosystem



EIT Climate-KIC Hub Greece

Est. 2018

Director: **Prof. Phoebe Koundouri**, Athens University of
Economics and Business


EIT Climate-KIC partners:

- **Athena Research and Innovation Center (ATHENA RC)**
- **Academy of Athens - Research Centre for Atmospheric Physics and Climatology**
- **European Regional Framework for Co-operation (ERFC)**
- **Uni.Fund**

EIT Climate-KIC Greece associate partners:

- **United Nations Sustainable Development Solutions Network (UN SDSN Greece)**
- **Foundation for Economic and Industrial Research (IOBE)**
- **Eunice Energy Group**





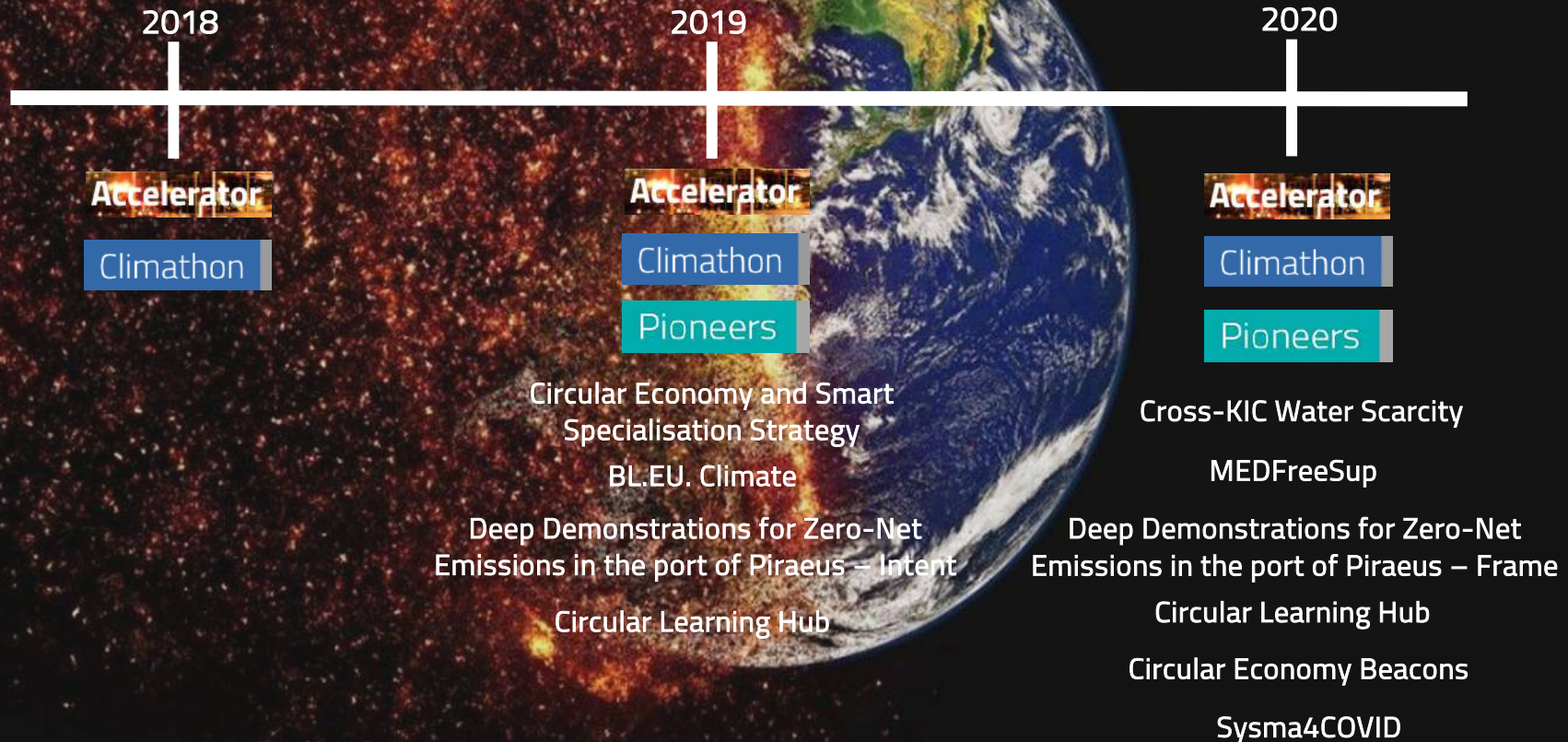
The Ultimate Goal of EIT Climate-KIC Hub Greece is the decarbonization and zero waste in Greece.

Focus areas:

- A. Sustainable Shipping, Ports and Marine Resources
- B. Water scarcity and Climate change
- C. Circular Economy
- D. Sustainable and Smart Cities

It follows two streams of action: a bottom-up and a top-down approach

Activities in Greece (2018-2020)



Start-up Accelerator

An aerial photograph of a white and blue airplane flying over a dense green forest. The airplane is positioned in the upper right corner, angled towards the bottom left. The forest below is a mix of dark green and lighter green trees, creating a textured background.

Get your business ready for takeoff: find customers, development partners and investors to help you grow fast.

How it works

Stage 1: Fundamentals

- Find your market niche, develop a financial model and figure out how to make money and scale your business. Depending on where you follow this program, this stage comes with a grant of up to € 20,000*, or **€10,000 for EIT Regional Innovation Scheme locations.**

Stage 2: Validation

- Are you solving real customer problems? Talk to customers and verify your business assumptions. The grants in Stage 2 are meant to cover your travel costs and could add up to € 25,000*.

Stage 3: Delivery

- Get your business ready for take-off. Find launching customers, development partners or investors. Form partnerships that make you grow fast. This final stage, you may get up to € 50,000.



EIT Climate-KIC Accelerator

EIT Climate-KIC Accelerator is the only EU acceleration programme focused on climate impact by cleantech commercialisation

In three stages, our program brings you the knowledge, resources, tools and the coaching a cleantech start-up needs for success.

Transforming ideas into climate-positive businesses



€550m+

capital raised in external investment by our start-ups



1000+

climate-positive companies incubated



2500+

jobs created through our start-up community

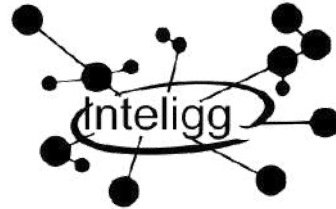


33

partners supporting the accelerator programme



Successful Start-ups in Greece (2019-2020)



ClimateLaunchpad



Turn your green idea into a
successful start-up. Get
the knowledge & skills.



Train

Learn all you can on how to successfully start your green business. ClimateLaunchpad kicks off with an intensive Boot Camp & follow-up coaching sessions.





Compete

Battle your way to success during National Competitions, Regional Finals and the Global Grand Final. Convince our jury and you'll convince any client or investor.



Launch

Yep, of course there is prize money for the top three Global Grand Final winners. The real prize? Networking opportunities and a chance to make it to the renowned Climate-KIC Accelerator.



Business updates by our start-ups:

HydroPlat Clean Mobility Award Winner

Nov 2019

Urban Cooling Sol... Green City Solutions Award Winner

Nov 2019

A2P Energy Soluti... Solutions for Emerging Markets Award Winner

Nov 2019

E-waste Nepal Video Award Winner

Nov 2019

Leafy Ke African Regional Final 1st Place

Oct 2019

Meet all our start-ups →



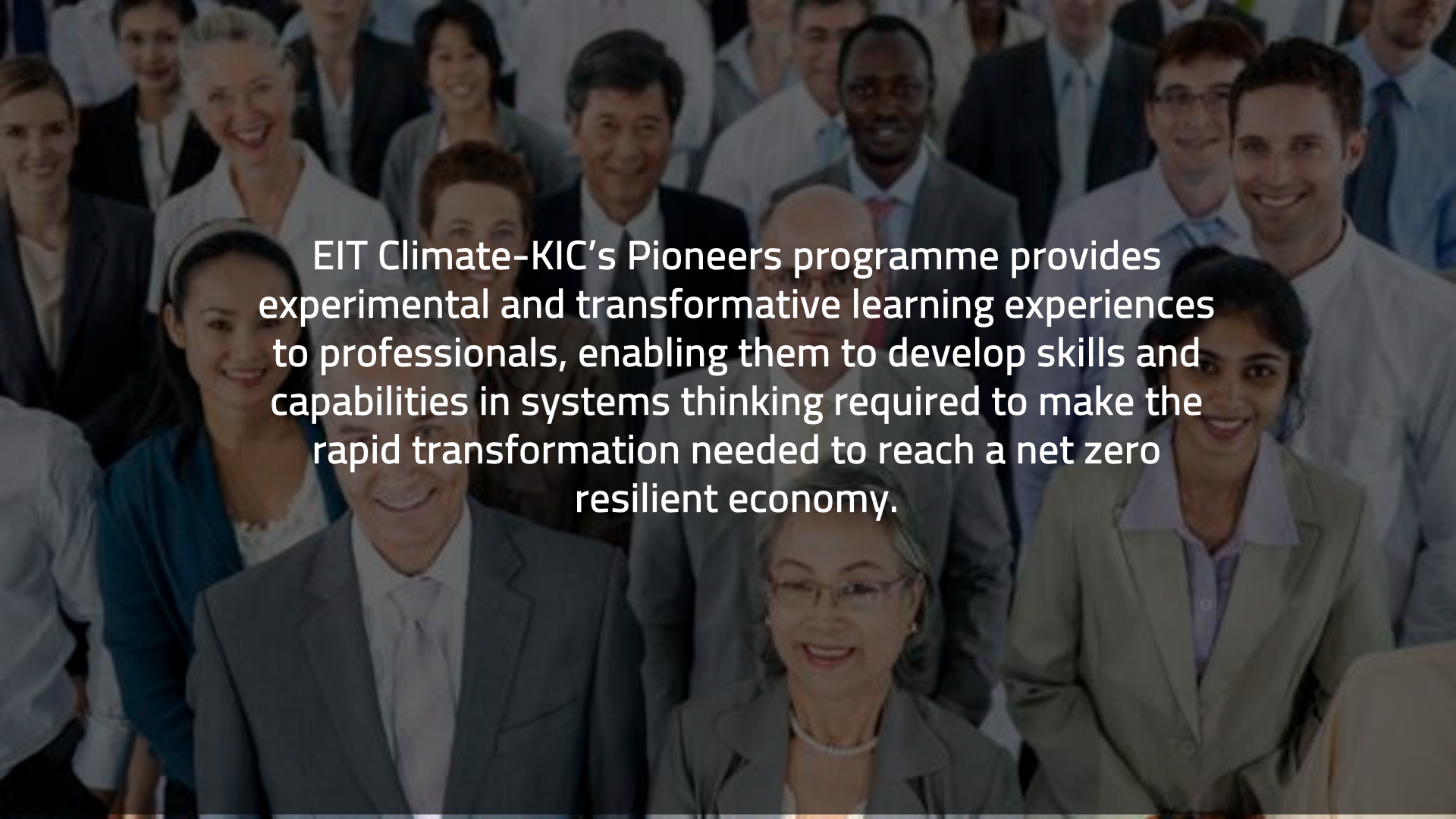
Network

Connect to our global network of partners, entrepreneurs and investors. Feature in [the world's largest database with green icons](#) - the place where business matches are made.

Pioneers



CALLING ALL CLIMATE INNOVATORS!



EIT Climate-KIC's Pioneers programme provides experimental and transformative learning experiences to professionals, enabling them to develop skills and capabilities in systems thinking required to make the rapid transformation needed to reach a net zero resilient economy.

Summary of Pioneers into Practice

Pioneers gives people and organisations the opportunity to **get out of their comfort zone** and look at things differently. By enabling experimentation and innovation to address climate change, the programme offers participants a **fresh perspective** and a way to be part of a more rapid transformation to a net-zero carbon economy.

Operating across Europe, we create **dynamic networks of industry professionals**, business owners, entrepreneurs, public administration officials and freelancers, and equip them with **practical skills in systems innovation**. A space to experiment, from June through to November, participants take part in e-learning, workshops, group project challenges and a **4-6 week placement**.

We're looking for individuals and organisations to join our diverse community of over 1600 change agents. Limited places are available and you have until **1st June 2020 (Pioneers) or 16th June 2020 (Hosts) to apply!**

More information and
online applications

<https://pioneers.climate-kic.org>



E-LEARNING



WORKSHOPS



GROUP PROJECTS



PLACEMENTS

Pioneer Criteria

- To have at least 4 years of working/voluntary experience in a field related to climate change and/or sustainability.
- To have a University degree related to the field of climate change and/or sustainability OR other equivalent degree in another field is desirable.
- Be committed to help tackle climate change and to be part of a community of likeminded professionals putting together influential and entrepreneurial climate change plans.
- Be openminded and keen to learn, share and enjoy



Host Criteria

- Have relevant experience or interest in the topic of climate change and/or the low carbon economy.
- Be located within one of the partner delivery locations.
- Provide climate related placements either virtual or face-to-face from 4 weeks to 12 weeks.
- Be able to provide a working space and relevant supervision to work with the pioneer during the placement.
- Interested to learn about Systems Innovation.
- Be an openminded organization that is keen to learn!



What's new in 2021?

- *New* online platform
- Updated learning & marketing resources
- *Flexible* learning formats & timelines
- Focus on *experienced* professionals
- No complicated placement matching process
- 15 Pioneers per country
- 8-10 RIS Countries participating



Participating countries & Testimonials



Ioanna Gkolemi,
Environmental Economist

Engaging, thought-provoking, gratifying, meaningful, and a wonderful opportunity for development: this has been my experience with the Pioneers into Practice (PiP) programme!

I have realized that the whole pioneering activity and training has ended up to be a remarkable task, offering me unique and unexpected insights of how to implement system innovation techniques and tools in every single step of my personal and professional decision making process.



Anastasia Gkika,
Office of Resilience and
Sustainability, City of Athens



Timeline



1

APPLICATIONS
DATE

Open 13th Feb
Close 1st June (Pioneers)
Close 16th June (Hosts)



2

SYSTEM INNOVATION
E-LEARNING

Complete prior to your personal
interview



3

INTRODUCTORY
WORKSHOP
(VIRTUAL)

8th - 12th June*



4

GROUP
PROJECTS
(VIRTUAL)

June - Nov



7

INTERNATIONAL
WORKSHOP

10th Dec***



6

FINAL
WORKSHOP

16th - 17th Nov*



5

PLACEMENT
4-6 WEEKS

Sep - mid-Nov**

CLIMATHON ONLINE SUMMIT

...will begin shortly!



Climathon



climathon.climate-kic.org
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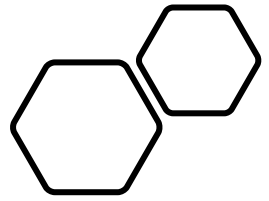
Our cities have to be carbon neutral by 2030, and the people that live in them are a powerful force driving towards that goal.

Together, cities and their citizens are already forming a global wave of change-makers and innovators that will help humanity achieve the zero emissions goal over the next 20 years.

Climathon offers a clear pathway to action and interaction

With presence in 50+ countries across 6 continents, Climathon is a global success story...





Climathons in Greece

Climate Innovation Leadership

(pilot 2021)



EIT Climate-KIC is supported by the
EIT, a body of the European Union

Climate Innovation Leadership is an extracurricular student-centric demand-led 12-month programme spreading and amplifying climate action.

The programme is empowering students to become effective change agents through systems transformation and community building.

Our offer to students

Be the entrepreneur of your career in Climate Action



PERSONAL
DEVELOPMENT

- Online self-assessment tool
- Group coaching & peers support

Discover what is done and need to be explored



INSPIRATION

- Online inspiring talks and workshops
- Online courses on Systems Innovation & Entrepreneurship

Join an European student community to learn and act



EXPERIENTIAL
LEARNING

- European summer school
- Challenge-based projects

Example of projects

- Internship in an innovation project
- University challenge based
- Local industry defined project
- Calculate Climate Impact
- Climate Launchpad
- Climathon
- Young Innovators
- Acceleration Start-up challenges
- DD challenges
- ...

Young Innovators





Young Innovators


Join our journey of empowering today's teenagers
to become tomorrow's climate innovators and leaders

RIS Hub 2021 Portfolio Presentation, 21 Oct 2020

younginnovators.climate-kic.org

 [climate.talent](https://www.instagram.com/climate.talent)

 [@climatetalent](https://twitter.com/ climatetalent)

 [Young Innovators Climate-KIC](https://www.linkedin.com/company/young-innovators-climate-kic)

The challenges

- Every child that is born in Europe today will need to lead a carbon neutral life by the time they leave school.
- Young people are going to the street because they realize that their future will be deteriorated. It is imperative to involve them in creating a liveable planet.
- Young people can act as catalysts for systemic change and trigger climate innovation
- Most school students are not yet equipped with the skills needed for low carbon lifestyles and the mindsets to drive effective climate innovation
- It is essential we increase skills and competencies such as creativity, systems thinking and complex problem-solving

Our programme objectives



Sustainable consumerism and low carbon lifestyles. Students and teachers have long term mindsets and become role models



Active citizenship, a positive change in ethical value and behaviour and more participatory democracy



Climate champions that lead climate action through global thinking and creative innovation



Active local ecosystems with sustainable schools as collaborators within the ecosystem and strong relationships with challenge providers



A transformed educational system with empowered and qualified teachers and changed curricula that embed sustainability education, challenge based education and systems thinking



Students that obtain future skills and a sense of long term consequences of decisions, which leads to transformed careers and job markets

The concept has been proven and we are growing

2018

2019

2020

Our objectives

604
STUDENTS



110
TEACHERS



22
SCHOOLS



2
Young
Climathons



1.634
STUDENTS



190
TEACHERS



35
SCHOOLS



28
Young
Climathons



5.000
STUDENTS



1.000
TEACHERS



60
SCHOOLS



30
Young
Climathons



2023

30,000
STUDENTS ENGAGED

10,000
TEACHERS TRAINED

300,000
YOUNG PEOPLE REACHED

500

YOUNG CLIMATHONS BY
2030

2030

3,000,000

YOUNG PEOPLE REACHED
BY 2030

Suggested Timeline Young Innovators

- 
- Jan - Mar Centrally organised Kick-off workshop, onboarding of new partners
 - Mar - Aug Recruitment of schools, city and companies, development of challenges with cities, companies and schools, fundraising
 - June/July Centrally organised Ecosystem workshop „Empowering for change – New skills for climate action and whole systems transformation“
 - Sep - Oct School Innovators teacher trainings and workshops with students
 - Oct - Nov Planning and organisation of Young Climathon events (incl. marketing, recruitment of coaches and CKIC Alumni support)
 - Oct - Nov Young Climathon event
 - Nov - Dec Young Changemakers follow-up programme
Evaluation, sensemaking workshop and planning for the year ahead



**Projects on plastic waste
reduction and circular
economy**

Climate Innovation in Southern European Waters

BL.EU. CLIMATE

&

Single-use plastic free systemic local applications along the Mediterranean east coast

MEDFreeSUP



BL.EU Climate

- plastic **marine littering** in southern European waters through **innovation**
- addressing the issue at the very beginning of its life cycle, on the **prevention side**, thus avoiding production of plastic materials (and plastic waste)
- deliver a **roadmap** for plastic free southern European seas for the next 10 years.

Countries: Portugal, Greece, Croatia

Implementation period: 2019

Budget: € 59,687

Find more at: <https://www.athena-innovation.gr/el/institoyto-pliroforiakon-systimaton/projects/climate-innovation-southern-european-waters>

MEDFreeSUP

- Aims to set replicable **protocols for free single-use plastics** food packaging adoption enforced at city level, for several types of food service operators (cafes, restaurants, foods stores, hotel, beach facilities).

Countries: Italy, Croatia and Greece

Implementation period: 2020-2021

Budget: € 600,000

Find more at: <https://www.athena-innovation.gr/el/ek-athina/projects/medfreesup-eit-climate-kic>

Circular Economy Transition in Smart Specialization Strategy

- pilot the adoption of CE in their respective S3s
- working together with the responsible authorities
- identify challenges, priorities, potential for synergies and support instruments for CE.
- Participatory workshops with experts from EIT Climate-KIC will be run
- The end goal of the project is to stimulate the **timely and systemic adoption of the CE in S3s** for the 2020-2027 programming period in EU Member States.

Countries: Bulgaria, Greece

Implementation period: 2019

Budget: € 130,485

Find more at: <https://www.athenarc.gr/el/circular-economy-transition-ce-smart-specialization-strategy-s3>

Circular Learning Hub

A learning hub for the engagement and ecosystem transition towards circular thinking

- an **awareness-intention-action** path of intervention
- fostering problem-owners in the ecosystem (firms, investors, citizens, policy makers, regulators, universities, associations, etc.) to a deeper understanding and involvement in the **circular thinking**.
- testing on a defined group of investors and entrepreneurs a **multi-sensor and multi-virtual experiment**

Countries: Italy, Greece, Bulgaria

Implementation period: 2019-2020

Budget: € 331,186

Find more at: <https://www.athenarc.gr/el/circular-learning-hub-cl-hub-learning-hub-engagement-and-ecosystem-transition-towards-circular>

Circular Economy Beacons



- The aim of the project is to establish centers (Beacons) that will trigger **circular innovation** and implementation in business and supply chain management
- Beacons will launch novel circular economy services for small and medium size enterprises.

Countries: Serbia, Romania, Bulgaria, Greece

Implementation period: 2020

Budget: €260,000

Find more at: <http://circular-beacons.net>



Projects on maritime spatial planning

Deep Demonstration for Zero-Net Emissions in the Port of Piraeus

create conditions for the unexpected

- decarbonization of the Port of Piraeus
 - the second maritime cluster globally
 - and a particular hotspot of waste and shipping industry emissions
- identify **cause and effect relationships**, dependencies and opportunities to look for breakthrough possibilities
- Create **innovation clusters**

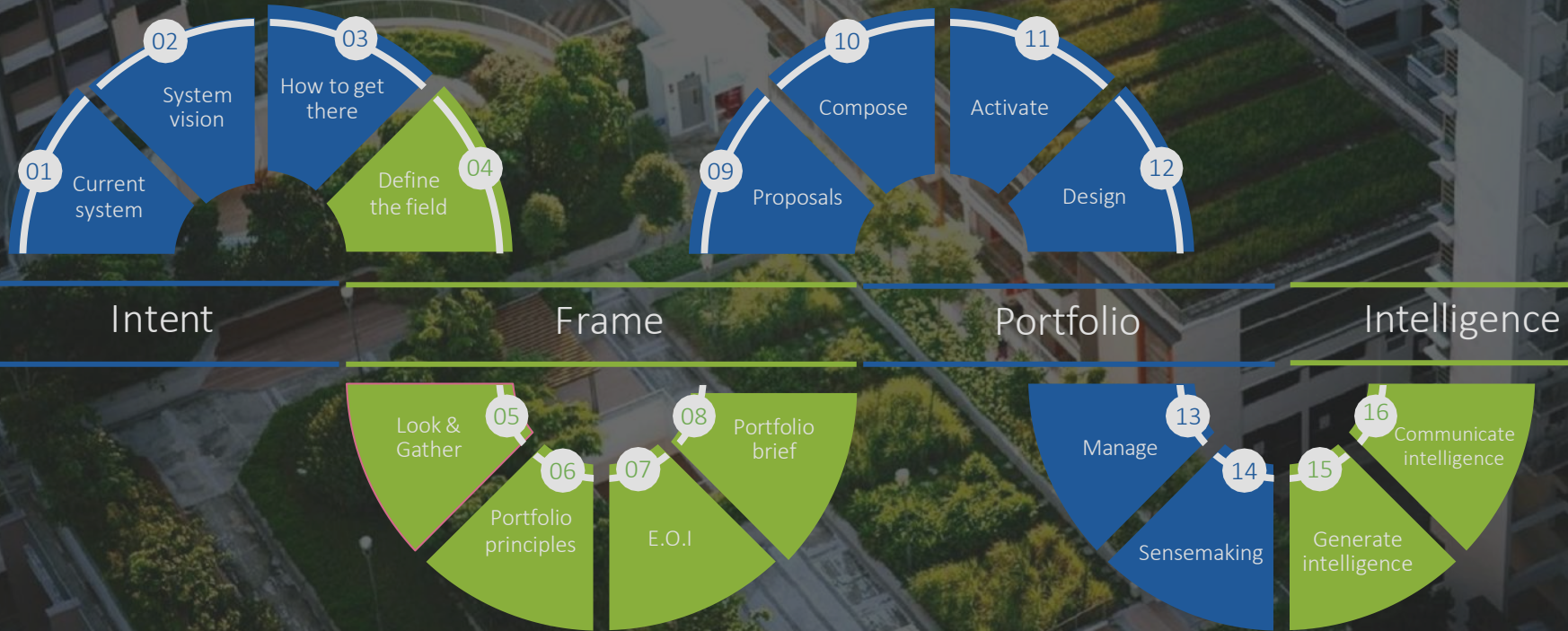
Challenge owners: Piraeus Port Authority, Valencia Port, Ministry of Shipping, Cyprus

Implementation period: 2019-2022

Budget: €175,000

Find more at: <https://www.athenarc.gr/el/deep-demonstration-projects-sustainability-transition-european-ports>

System Innovation approach





Projects on sustainable water scarcity

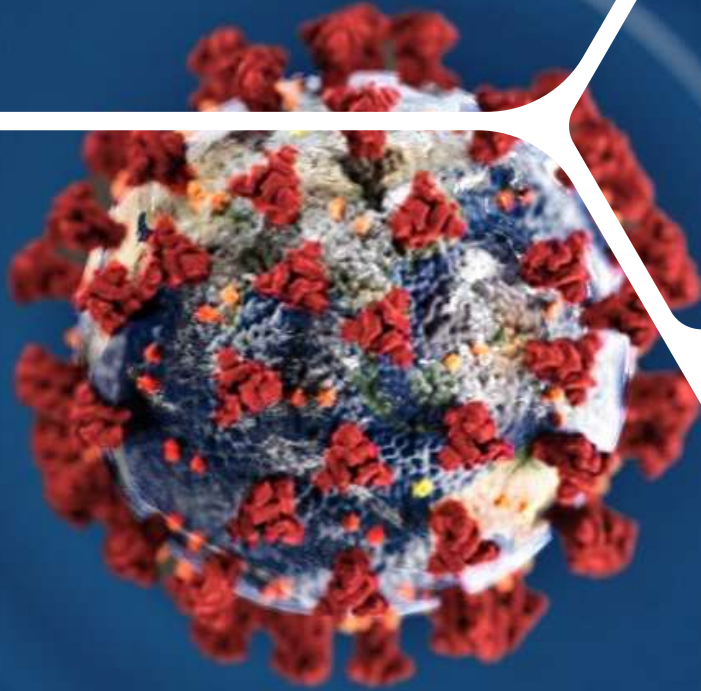
Cross-KIC Water Scarcity Activities



Aims at ensuring access to good quality water, sufficient quantity for all Europeans, and the good status of all water bodies across Europe.

This Cross-KIC RIS project, lead by EIT Food, and involving Climate-KIC, EIT Manufacturing and Raw Materials will enable the involved KICs to work together and with external relevant actors across RIS countries to build a stronger framework to tackle water scarcity in **innovation, education and policy** in Southern Europe region.

Find more at: <https://www.athenarc.gr/el/cross-kic-water-scarcity-activities>



Projects on COVID-19

SYSMA4Transition

System Mapping as a Service for post-COVID Regional Transition

It seeks to

- activate communities spread across 8 most vulnerable countries in Southern Europe in the recovery phase,
 - set system mapping as a strategic knowledge intensive service,
 - provide new indicators and understanding of system,
 - support local authorities in the needed post-COVID 19 transition and related strategic planning challenges.
-
- Countries: Bulgaria, Serbia, Greece, Italy, Spain, Portugal, Malta, Cyprus
 - Implementation period: 2020
 - Budget: € 264,000
 - Find more at: <https://www.athenarc.gr/en/sysma-4-transition-eit-climate-kic>



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