



# AE4RIA Activity Report: January–August 2025

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The ***Alliance of Excellence for Research and Innovation on Aephoria (AE4RIA)*** is pleased to present an overview of activities and achievements from the ***first half of 2025***.

*AE4RIA is a collaborative network bringing together research institutions, innovation accelerators, science-technology-policy interface platforms, scientific associations, and academies, all committed to advancing sustainable development. AE4RIA brings together a **multidisciplinary team of over 200 researchers**, including economists, mathematicians, statisticians, engineers, natural scientists, and social and human sciences experts. As one of the world's largest research networks focused on sustainability, AE4RIA provides **science-based solutions to support the global transition toward sustainable development**.*

*The network is founded and directed by Professor Phoebe Koundouri*

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Since 1997

# AE4RIA

Alliance of Excellence for  
Research and Innovation on Aegeia

200 RESEARCHERS	100 PROJECTS	120 COUNTRIES	150 CONFERENCE	1,000 PUBLICATIONS	500 BILLION FUNDING
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**Innovative Systems for the  
Sustainable Interaction  
between Nature-Society-  
Economy**

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### Research and Innovation Centers

Research Institute on  
Sustainable Energy  
ReSEES

Stochastic Modeling and Applications  
Laboratory

Research & Innovation  
Technological Center  
ATENA

DTU Management  
Department of Technology,  
Management and Economics

### Innovation Acceleration Hubs

United Nations Climate Change  
Global Innovation Hub

ET Climate-KIC

BRIGAD  
CONNECT

The Black Sea  
Accelerator

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### Science - Policy Networks

Sustainable  
Development  
Solutions Network  
(SDSN)

SDSN Global  
Climate Hub

SDSN Europe

SDSN Greece

Water Europe

Nexus cluster

Earth-Humanity  
Coalition (EHC)

### Scientific Associations and Academies

World Council of  
Environmental and  
Resource Economists  
Association (WCEREA)

European Association  
of Environmental and  
Resource Economists  
(EAERE)

World Academy of  
Art and Science  
(WAAS)

Academia Europeae

European Academy of  
Sciences and Arts

IAP

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### Transformations for Systems Sustainability

Climate  
Neutrality-Resilience

WFBF  
LULUCF

Oceans  
Seas

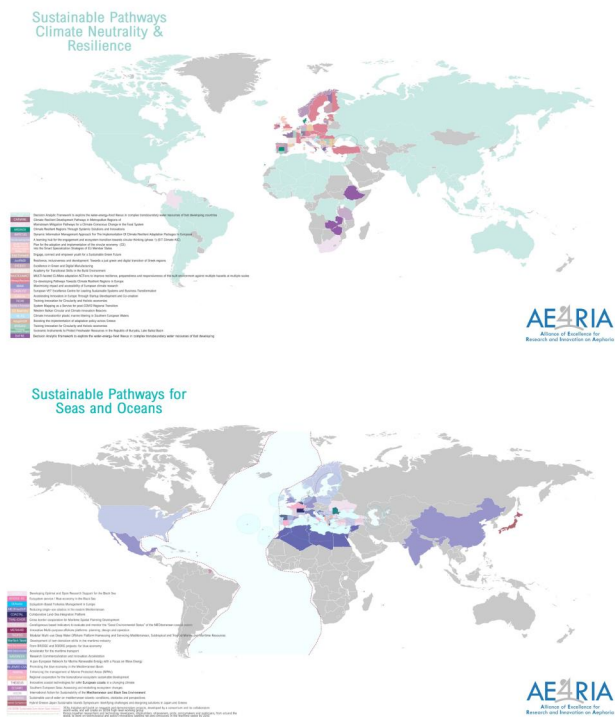
Socio-Economics  
Financial

Innovation  
Acceleration

Education  
Skills

Prof. Phoebé Koundouri Founder and Scientific Chair  
phoebekoundouri.org

## Mapping AE4RIA Projects: Countries, Regions, and Primary Research Focus Areas







## News & Highlights

### *Prof. Phoebe Koundouri Appointed Co-Chair of the 2027 UN Global Sustainable Development Report*

We are delighted to announce that **Professor Phoebe Koundouri** has been appointed by the **UN Secretary-General** as **Co-Chair of the Independent Group of 15 Scientists** that will author the **2027 Global Sustainable Development Report (GSDR)**. The **GSDR**, mandated by the **UN General Assembly**, is a landmark report produced every four years to inform the **SDG Summit**. It provides policymakers with cutting-edge scientific insights and recommendations to accelerate the implementation of the **Sustainable Development Goals (SDGs)** and the achievement of the **2030 Agenda for Sustainable Development**.

The first official Member State briefing launching the process took place on September 19, 2025, at the United Nations Headquarters in New York. For more information, visit: [GSDR Overview](#)

Read the official press release here: [UN Press Release](#)

Co-Chair	Co-Chair				
Phoebe Koundouri (Greece)	Adedoyin Adeleke (Nigeria)	Marianne Beisheim (Germany)	Vanesa Castan Broto (Spain)		
Yensi Flores-Bueso (Honduras)	Sarah Cook (United Kingdom)	Hussam Hussein (Jordan)	Mmaki Jantjies (South Africa)	Sherif Kamel (Egypt)	
Milica V. Matijević (Serbia)	Steven Ratuva (Fiji)	Fabio Veras Soares (Brazil)	Eliane Ubajjoro (Rwanda)	Taidong Zhou (China)	

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*Prof. Phoebe Koundouri Elected Ambassador for the European Research Council (ERC)*

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**European Research Council**

Established by the European Commission



We are thrilled to announce that Prof. Phoebe Koundouri has been selected as one of the **32 inaugural Ambassadors of the [European Research Council](#) (ERC)**.

This exciting initiative was officially launched on 28 April 2025 by the ERC in collaboration with the [Association of ERC Grantees](#) (AERG). It brings together leading researchers from 21 EU Member States and 5 Associated Countries to **promote frontier research** and its critical role in Europe's sustainable and innovative future.

As an **ERC Synergy Grantee of the ERC [Water Futures project](#)** — the world's largest research initiative on next-generation urban water systems — [Prof. Koundouri](#) is deeply committed to advancing science that drives practical, systemic change. The Ambassador network reflects a strong commitment to diversity, featuring 17 women and 15 men across a wide spectrum of disciplines, including life sciences, engineering, social sciences, and the humanities.

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*Prof. Phoebe Koundouri Appointed Visiting Professor at the University of Cambridge*

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AE4RIA is proud to share that **Professor Phoebe Koundouri** has been appointed **Visiting Professor at the Department of Earth Sciences, University of Cambridge**, and elected **Senior Research Associate at Peterhouse, University of Cambridge**.

This recognition holds special significance for Professor Koundouri, as Cambridge is her alma mater—a place that profoundly shaped both her academic journey and personal growth. She previously studied, researched, and taught at the University of Cambridge, supported by the **Peterhouse Scholarship of Excellence** and the **Cambridge Commonwealth Trust Scholarship of Excellence**, completing both her **MPhil and PhD at the Department of Economics**.

Through these new appointments, Professor Koundouri will continue to contribute to Cambridge's academic community, advancing collaborative research and interdisciplinary engagement at the science-policy interface.

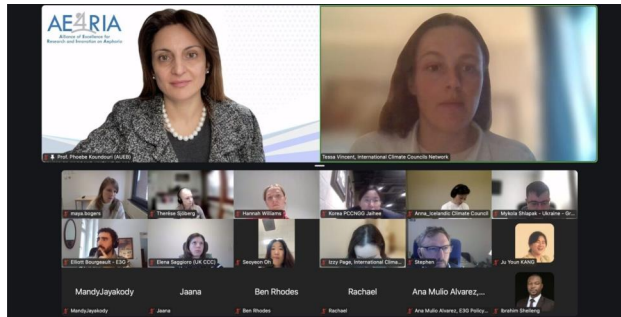
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*Prof. Phoebe Koundouri to Serve on the National Council for Research and Innovation of Cyprus*

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**National Board for  
Research & Innovation**



We are proud to announce that **Professor Phoebe Koundouri** has been appointed as a Member of the **National Council for Research and Innovation (NCRI)** under the **Deputy Ministry of Research, Innovation, and Digital Policy of Cyprus**.

As the highest advisory body to the State, the NCRI plays a pivotal role in shaping national policy, advancing scientific excellence, and driving technological innovation. Its mission is to provide strategic direction for long-term plans that strengthen research, technological development, and innovation.

Through this appointment, Professor Koundouri will work alongside esteemed colleagues to promote scientific advancement, technological progress, and sustainable innovation in Cyprus.

## New Strategic Collaborations and Partnerships

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*United Nations Framework Convention on Climate Change (UNFCCC) Global Innovation Hub*

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1 - UN Climate Change Global Innovation Hub's Sixth Systemic Innovation Workshop, during Bonn Climate Change Conference



**United Nations** Climate Change  
Global Innovation Hub

We are delighted to announce the formation of a **strategic partnership between** the **United Nations Framework Convention on Climate Change (UNFCCC) Global Innovation Hub**, led by Mr. Thioye, and the **Sustainable Development Solutions Network (SDSN) Global Climate Hub**, led by **Prof. Koundouri**. This collaboration will harness scientific modeling, stakeholder engagement, and digital tools to facilitate measurable, inclusive, and systemic sustainability transitions.

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*Global Energy Interconnection Development and Cooperation Organization (GEIDCO)*

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*2 - PCCB Networking Session – Energy Cluster during Bonn Climate Change Conference*



Global Energy Interconnection  
Development and Cooperation Organization  
全球能源互联网发展合作组织

We are pleased to announce our collaboration with the **Global Energy Interconnection Development and Cooperation Organization (GEIDCO)** and the establishment of the **GEIDCO National Committee in Greece**.

The Committee will be hosted by the **Alliance of Excellence for Research and Innovation on Aephoria (AE4RIA)**, in collaboration with the Research Laboratory on Socio-Economic and Environmental Sustainability (ReSEES) at the Athens University of Economics and Business, the Sustainable Development Unit at the Athena Research Center, and the Sustainable Development Solutions Network (SDSN) Global Climate Hub.

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*Nizami Ganjavi International Center (NGIC)*

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We are delighted to announce a new partnership between the **Alliance of Excellence for Research and Innovation on Aephoria (AE4RIA)** and the **Nizami Ganjavi International Center (NGIC)**, a renowned global institution based in Azerbaijan that unites leaders and thinkers to foster dialogue, cooperation, and solutions to today's most pressing challenges.

The collaboration involves two AE4RIA members: the **Sustainable Development Unit (Athena RC)** and the **SDSN Global Climate Hub**, hosted by Athena RC and AUEB, which designs pathways toward climate neutrality and resilience. As an initial step, the partnership will develop an **Azerbaijan case study**, to be presented at the **2026 Global Baku Forum**, charting pathways to climate neutrality and resilience by 2050. This initiative reflects our shared vision of driving global sustainability through research, innovation, and inclusive dialogue.

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*International Climate Councils Network (ICCN)*

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We are delighted to announce a new partnership with the **International Climate Councils Network (ICCN)**. This collaboration is further strengthened by the appointment of **Professor Phoebe Koundouri** to the **Special Scientific Committee on Climate Change** under the Hellenic Ministry of Environment and Energy, where she represents Greece alongside **Professor Christos Zerefos** and **Professor Costas Synolakis**.

Launched in 2021, the ICCN serves as a global forum for official climate councils, fostering collaboration, exchanging knowledge, and sharing best practices to strengthen their role in advising governments. Partnering with the **SDSN Global Climate Hub**, hosted by Athena RC and AUEB under **AE4RIA**, will enhance efforts to develop science-based pathways toward climate neutrality and resilience, while supporting effective climate governance worldwide.

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*AE4RIA to Co-Lead the Athens Climate Reality Hub*

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3 - The Climate Reality Project Leadership Corps training, Rome 2024

We are delighted to announce that AE4RIA will co-lead the establishment of the **Athens Climate Reality Hub**, in partnership with the Global Shapers Athens Hub.

The **Climate Reality Project**, founded and chaired by former U.S. Vice President and Nobel Peace Prize Laureate **Al Gore**, is a global movement working to accelerate solutions to the climate crisis. With branches worldwide, the initiative empowers communities through local **Climate Hubs**—collaborative networks that connect citizens, experts, and policymakers to design and implement climate-neutral and resilient pathways.

The new **Athens Hub** will join this international network to strengthen climate action in Greece, bringing together academia, civil society, and youth leadership. AE4RIA will contribute its scientific expertise and global networks, while the Global Shapers Athens Hub will lead community engagement. Supported by the **Climate Reality Project Europe**, the Athens Hub will benefit from training, resources, and participation in a global platform of climate leaders.

## New AE4RIA Knowledge & Impact Series

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*AE4RIA launched two important new series designed to strengthen the bridge between science, policy, and society:*

[AE4RIA & 360info Science-Policy Briefs](#)

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# Science Policy Briefs Series

A collaboration between AE4RIA and  
360info, translating cutting-edge  
research into actionable insights for  
sustainable development

**AE4RIA**  
Alliance of Excellence for  
Research and Innovation on Aephoria

**360**  
One World. Many Voices



## Beyond the trade deficit: The real risks of Trump's tariffs

Published on May 6, 2025

U.S. tariffs under the Trump administration, a high-stakes policy gamble threatening economic stability and international cooperation, sent shockwaves through global trade.

#### Authors

Phoebe Kourdouli  
Athens University of Economics and Business  
Konstantinos Dellis  
Athens University of Economics and Business  
Anni Triantafyllidou  
Athens University of Economics and Business

#### Editors

Vicky Markolefa, Senior Commissioning Editor, 360info  
Samrat Choudhury, Commissioning Editor, 360info

4 - <https://ae4ria.org/tariffs-as-a-double-edged-sword-economic-risks-and-geopolitical-implications-360info/>



## Running dry, then underwater: Greece's path to building resilience against climate threats

Published on May 12, 2025

Drought-hit Greece faces flood risk as parched land exacerbates intense rainfall. Scientists offer solutions, but political inertia hinders proactive defences.

**Authors**

Phoebe Koundour, Athens University of Economics and Business  
Angelos Alamanos, Independent researcher

**Editors**

Vicky Markolefa, Senior Commissioning Editor  
Samrat Choudhury, Commissioning Editor

5 - <https://ae4ria.org/droughts-leading-to-floods-greece-is-facing-a-dangerous-climate-paradox-360info/>



## New model uncovers roadblocks to Greece's green shipping challenge

Published on May 13, 2025

The MaritimeGCH model allows shipowners to explore various potential fleet decarbonisation pathways.

**Authors**

Phoebe Koundour, Athens University of Economics and Business  
Angelos Alamanos, Independent Researcher  
Olympia Nisiforou, Cyprus University of Technology  
Christopher Deranian, Athens University of Economics and Business

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Vicky Markolefa, Senior Commissioning Editor  
Piya Srinivasan, Commissioning Editor

6 - <https://ae4ria.org/can-greece-lead-the-charge-in-green-shipping-360info/>



## Climate cash crisis: Can investment planning fix Europe's finance adaptation gap?

Published on May 20, 2023

Mounting climate change impacts are outpacing adaptation investments across the EU, creating critical funding shortfall. A new investment planning methodology promises to help regions strategically secure the necessary finance to build vital climate resilience.

**Authors**

Marie Chouraki, Athens University of Economics and Business  
Konstantinos Dellis, Athens University of Economics and Business  
Phoebé Kourdouli, Athens University of Economics and Business

**Editors**

Vicky Markolefa, Senior Commissioning Editor  
Giuseppe Francaviglia, Commissioning Editor

7 - <https://ae4ria.org/climate-cash-crisis-can-investment-planning-fix-europes-finance-adaptation-gap/>



## Greece ought to act holistically against climate challenges, or face failures

Published on May 12, 2023

Climate targets require integrated action across sectors of energy, agriculture and water. But current policies in Greece remain fragmented.

**Authors**

Phoebé Kourdouli, Athens University of Economics and Business  
Angelos Alamanos, Independent Researcher  
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Stathis Deves, Athens University of Economics and Business

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Namita Kohli, Commissioning Editor, 360info

8 - <https://ae4ria.org/greece-ought-to-act-holistically-against-climate-challenges-or-face-failures/>



## Why Greece should bank on its diet for a double dividend in climate and health

Published on May 22, 2025

A widespread return to Mediterranean dietary patterns could significantly curb agricultural greenhouse gas emissions while fostering substantial improvements in public health across Greece.

**Authors**

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Phoebe Koundouri, Athens University of Economics and Business  
Chris Deranian, Athens University of Economics and Business

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Vicky Markolefas, Senior Commissioning Editor

9 - <https://ae4ria.org/why-greece-should-bank-on-its-diet-for-a-double-dividend-in-climate-and-health/>



## Suburban myths: Why green isn't always safe

Published on June 2, 2025

Greece's leafy suburbs are increasingly vulnerable to environmental shifts. The case of Kifissia underscores that even climate havens require sophisticated strategic planning to build genuine resilience against urban challenges.

**Authors**

Eirini Afentouli, ATHENA Research Center  
Phoebe Koundouri, Athens University of Economics and Business

**Editors**

Vicky Markolefas, Senior Commissioning Editor  
Giuseppe Francaviglia, Commissioning Editor

10 - <https://ae4ria.org/suburban-myths-why-green-isnt-always-safe/>



## Hotter, harsher, smarter: Greece's blueprint for climate adaptation

Published on June 18, 2025

As Europe grapples with intensifying climate threats, Greece's Attica region is pioneering a new approach that links innovation, economic growth, and climate resilience.

**Authors**

Anna Triantafyllidou  
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Giuseppe Francaviglia, Commissioning Editor

11 - <https://ae4ria.org/hotter-harsher-smarter-greeces-blueprint-for-climate-adaptation/>



## Can AI offer the SDGs a lifeline?

Published on June 24, 2025

With the global sustainability agenda critically behind schedule, a new AI-powered platform offers a novel approach to accelerating progress.

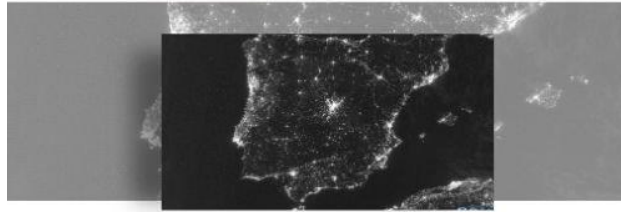
**Authors**

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Giuseppe Francaviglia  
Commissioning Editor, 360Info

12 - <https://ae4ria.org/can-ai-offer-the-sdgs-a-lifeline/>



Outages in Spain and Portugal (CIRA 2025-04-29) JPSS imagery: CSU/CIRA & NOAA/NESDIS, Public domain, via Wikimedia Commons

## Rethinking energy security in a net-zero world

Published on July 14, 2025

As the world shifts towards a cleaner energy future, ensuring energy security while managing the energy transition remains a complex challenge.

### Authors

Nicolaos Theodossiou  
Aristotle University of Thessaloniki, Thessaloniki

### Editors

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Commissioning Editor, 360info

Samrat Choudhury  
Commissioning Editor, 360info

13 - <https://ae4ria.org/rethinking-energy-security-in-a-net-zero-world/>

In partnership with **360info**, a global not-for-profit wire service delivering solutions-focused journalism, AE4RIA launched a series of **Science-Policy Briefs**. This new series is designed to make **scientific knowledge more accessible and actionable** for decision-makers by translating cutting-edge research into concise, policy-relevant insights. Topics range from **climate adaptation and energy security to AI, public health, and sustainable finance** — all framed within the **Sustainable Development Goals**.

In the **first half of 2025**, AE4RIA released **10 Science-Policy Briefs**, with more to come throughout the year. [You can read the full series and explore upcoming briefs online.](#)

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**[AE4RIA Research Seminar Series](#)**

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## AE4RIA RESEARCH SEMINARS: Interdisciplinary Science



A hybrid bi-weekly seminar open to all, featuring leading research on economic, social, and natural systems



The **AE4RIA Research Seminar Series**, organized by the **ReSEES Research Laboratory (AUEB)** and the **Sustainable Development Unit – ATHENA RC**, and hosted by **Prof. Phoebe Koundouri**, is dedicated to exploring **cutting-edge, interdisciplinary research** at the intersection of **economic, social, and natural systems**. Each seminar brings together **leading academics and experts** to address pressing global challenges and share insights that can guide the transition toward **sustainable and inclusive growth**.

In the **first half of 2025**, AE4RIA hosted **11 seminars**, creating a vibrant forum for dialogue between researchers, practitioners, and policymakers. *Summaries and recordings are available online.*



14 - ESG Momentum in International Equity Returns and the SDG Content of Financial Asset Portfolios

*Dr. Conrad Landis, Senior Researcher, AE4RIA* [watch here](#)



**15 - Embedding Success: Vectorizing the Future of Skills, Occupations, and Policy Insights**

**Dr. Georgios Feretzakis, ML Researcher, AE4RIA [watch here](#)**



**16 - Earth Observation in support of SDGs: Monitoring and achievements**

**Presenters: *Evangelos Gerasopoulos, National Observatory of Athens and Danai-Eleni Michailidou, Research associate at IERSD/NOA [watch here](#)***



17 - Consensus Group Decision Making Under Model Uncertainty with a View Towards Environmental Policy Making

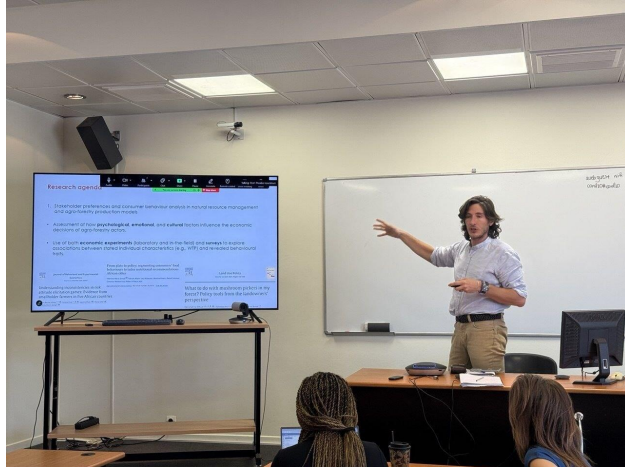
*Prof. Athanasios Yannakopoulos, AUEB [watch here](#)*



18 - History matters: how the ocean's history informs the ongoing climate change

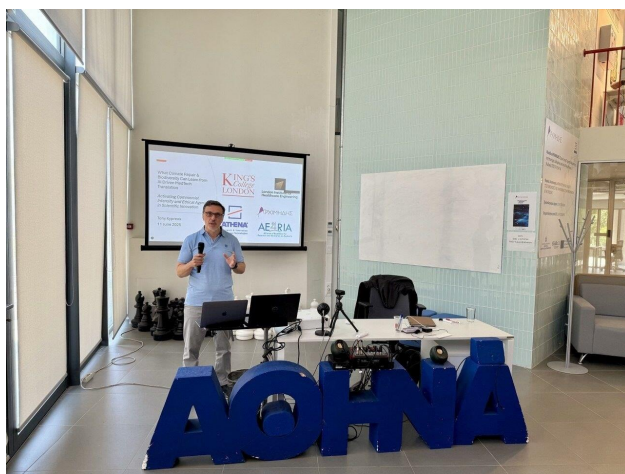
*Prof. Ali Mashayek, Department of Earth Sciences, University of Cambridge [watch here](#)*





**19 - Diet quality, groundwater depletion and the Sustainable Development Goal 2**

**Prof. Alok Bhargava, Professor at the University of Maryland School of Public Policy [watch here](#)**



**20 - What Climate Repair & Biodiversity Can Learn from AI Driven MedTech Translation**

**Tony Kypreos, Entrepreneur in Residence, The London Institute for Healthcare Engineering, The School of Biomedical Engineering and Imaging Sciences, King's College London [watch here](#)**



21 - Closing the AI Gap between High-Income Countries and Emerging Markets and Developing Economies

*Prof. Yanis Ben Amor, Assistant Professor of Global Health and Microbiological Sciences, Columbia University USA [watch here](#)*

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### *July Internship Program with Cambridge and Oxford Students at AE4RIA*

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Throughout July, our team had the pleasure of hosting five exceptional undergraduate and postgraduate students from the [Department of Earth Sciences at Cambridge University](#) and the [University of Oxford, Department of Physics](#), who worked with our team at the Research Laboratory, [Athens University of Economics and Business](#), and the [Sustainable Development Unit of Athena Research Center](#), under the supervision of AE4RIA researchers and with the guidance of [Professor Dr. Phoebe Koundouri](#).

Each student contributed to high-impact research advancing AE4RIA's mission to accelerate sustainable development through the science–policy interface:

- **Angelina Campbell** (Natural Sciences, University of Cambridge) – *“Reconceptualising Land Use Conflict as an Emergent Property of Complexity.”*
- **Miranda McLanahan** (Natural Sciences, University of Cambridge) – Optimised **European electricity generation** using the **LEAP-NEMO model**, exploring cost-effective decarbonisation pathways.
- **Anna Philippopoulou** (Physics, University of Oxford) – *“Global Public Interest in Climate Change: Seasonal and Geographical Patterns.”*
- **Chloe Chua** (QCES Master's, University of Cambridge) – Analysed **transition pathways for Greece's agri-food sector** through the **Mediterranean diet**.

- **Lauren Rose Goldie** (Natural Sciences, University of Cambridge) – *“Parallel Crises: Public Perception and Policy Responses to Climate and AI Risks.”*



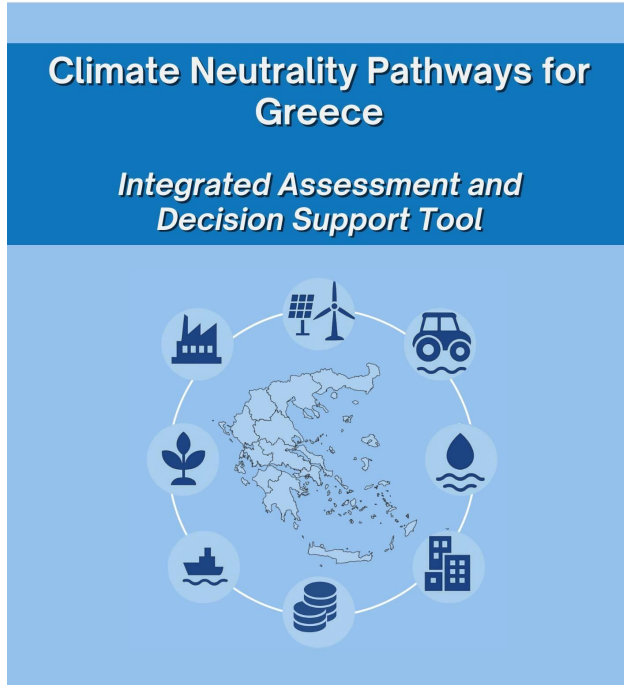
## New Reports from the SDSN Global Climate Hub

The **SDSN Global Climate Hub**, chaired by Professor Phoebe Koundouri, has released two new flagship reports during the **Fourth International Conference on Financing for Development (FFD4)** in Seville. Both reports present science-based, systems-modelled pathways for achieving climate neutrality, combining energy, food, land, water, and maritime sectors. In addition,

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[Climate Neutrality Pathways for Greece: Integrated Assessment and Decision Support Tool](#)

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This report provides a high-resolution simulation of **Greece's path to 2050**, under both “Business as Usual” and full implementation of **national commitments**. It integrates models on food systems, energy, biofuels, land use, water, and shipping, offering a comprehensive decision-support tool for policymakers.

[READ THE REPORT](#)

**Reference:**

Koundouri, P., et al. (2025). *Climate Neutrality Pathways for Greece: Integrated Assessment and Decision Support Tool* (SDSN Global Climate Hub – AE4RIA Report, July 2025). Athens University of Economics and Business. DOI: [10.13140/RG.2.2.15107.62248](https://doi.org/10.13140/RG.2.2.15107.62248) | ISSN: 2811-3205

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[\*An Integrated Assessment of the European National Commitments for Climate Neutrality\*](#)

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## An Integrated Assessment of The European National Commitments for Climate Neutrality



Extending the same methodology across **35 European countries, including the UK and Balkans**, this report evaluates National Energy and Climate Plans (NECPs) and delivers **20 targeted policy recommendations** for accelerating the transition to net-zero.

[READ THE REPORT](#)

### Reference:

Koundouri, P., et al. (2025). *An Integrated Assessment of the European National Commitments for Climate Neutrality* (SDSN Global Climate Hub – AE4RIA Report, July 2025). Athens University of Economics and Business. DOI: [10.13140/RG.2.2.28529.39521](https://doi.org/10.13140/RG.2.2.28529.39521) | ISSN: 2811-3205

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*[Post-fire flood hazards: Integrated modelling, protection measures, economic and policy implications](#)*

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## Post-fire flood hazards: *Integrated modelling, protection measures, economic and policy implications*



Credit: Kineta Greece after disaster. Up Stories,  
<https://www.youtube.com/watch?v=EDr5sZqQMnw>

This report presents an interdisciplinary framework to assess and mitigate **post-wildfire flood risks**, demonstrated through a case study in Kineta, Greece. The findings show that targeted protection measures can significantly **reduce inundation impacts** at a fraction of the cost of damages, while offering governance roadmaps and **policy recommendations for resilience** in regions exposed to combined hazards.

### [READ THE REPORT](#)

#### Reference:

Koundouri P, Alamanos A, Papaioannou G, Markogianni V, Varlas G, Basheer M, Nagkoulis N, Plataniotis A, Wise RM, Xenarios S, Nisiforou O, Papadopoulos A, Dimitriou E. (2025). *Post-fire flood hazards: Integrated modelling, protection measures, and economic implications* (SDSN Global Climate Hub – AE4RIA Report, August 2025)

On **June 24, 2025**, the **10th edition of the Sustainable Development Report** by SDSN was launched — the most authoritative global report tracking SDG progress across all UN Member States. This year's edition introduces the new **SDGi Index** and proposes urgent reforms to the Global Financial Architecture. [Read it here](#)

Professor **Koundouri** was honoured to speak at the launch event, presenting the **SDSN Global Climate Hub's new reports**. [Watch it here](#)



## Selected Conferences

During the first half of 2025, AE4RIA actively **engaged in and co-organized major international conferences and high-level policy dialogues**. Across these events, AE4RIA showcased its cutting-edge research, systems-based modelling tools, and science–policy expertise, while fostering collaborations with global stakeholders on climate neutrality, sustainable development, and the green transition. Below is a selection of these activities, with more to follow.

### 4th International Conference on Financing for Development (FFD4) | Seville, Spain

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#### *Launch of Climate Reports*

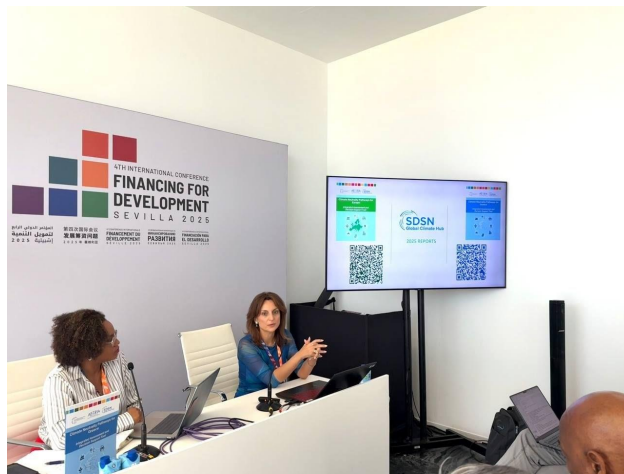
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On **1 July**, AE4RIA co-organized the high-level session “**Evidence-based Financial Pathways for Decarbonisation and Climate Neutrality**” with the **SDSN Global Climate Hub** and **PUBLIC Foundation**, launching:

- *Assessment of European National Commitments for Climate Neutrality*
- *Climate Neutrality Pathways for Greece*

Assessing **NECPs across 35 countries**, findings highlight strong projected emissions cuts under national commitments, persistent reliance on net imports of electricity/hydrogen, untapped biofuel potential, and **severe water stress** in Southern Europe. The report offers **20 policy recommendations** for a just, science-based transition. Distinguished participants included:

- **H.E. Va’inga Tone** – Ambassador and Permanent Representative of Tonga to the United Nations
- **Dr. Gene Leon** – Executive Director, Development Bank for Resilient Prosperity
- **H.E. Ameenah Gurib-Fakim** – Former President of Mauritius
- **Ketan Patel** – Chairman, Force for Good Initiative
- **María Cortés Puch** – Vice President, SDSN
- **Professor Yannis Ioannidis** – President, ACM; Professor, University of Athens



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### *Dialogue on Financing for Sustainable Development*

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On **2 July**, Professor Koundouri contributed to the **Breakfast Dialogue “Beyond Projects, Towards Prosperity: Financing for a New Era”**, co-hosted by the **UN Joint SDG Fund, PVBLIC Foundation**, and the **Development Bank for Resilient Prosperity (The Nature Bank)**.

In her intervention, she stressed the importance of **clear investment portfolios**—covering infrastructure, technologies, and policy transformations—as essential for mobilizing private capital. She underlined that while **public funding is vital, it cannot meet the scale of the challenge alone**. Strategic alignment between public and private finance is necessary for systemic, long-term impact.



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## *AI for Sustainable Development*

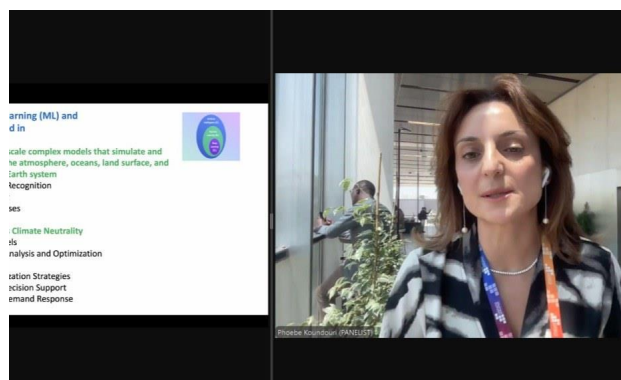
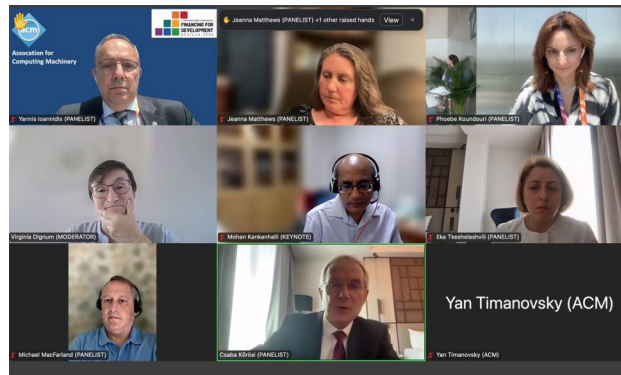
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Later on **2 July**, Professor Koundouri participated in the ACM session *“Smart Tech, Fair Finance – The Promise and Risks of AI for Sustainable Development”*, moderated by **ACM President Prof. Yannis Ioannidis** and **Prof. Virginia Dignum**.

She presented the study *“AI Policies Towards the AGI Challenge: An International Assessment”*, which shows that while most national policies focus on ethics, safety, and risk mitigation, few explicitly address **Artificial General Intelligence (AGI)**, and global disparities remain in AI governance.

She also introduced two AE4RIA tools:

- **AE4RIA AI Skills** – linking policy frameworks (e.g., European Green Deal) to workforce planning, upskilling, and reskilling.
- **AE4RIA SDG Tracker** – using machine learning to assess document alignment with the **17 SDGs**.



Prof. Koundouri was honored to take part in two prestigious gala events hosted by the **Nizami Ganjavi International Center (NGIC)**, which brought together heads of state, global leaders, and distinguished experts:

- A **special dinner in honor of Rebeca Grynspan**, Secretary-General of **UNCTAD** and former Vice President of Costa Rica. The evening brought together global leaders and provided an opportunity for inspiring exchanges on the role of climate finance, trade, and investment in driving inclusive growth.
- A **gala dinner in tribute to Dr. Tedros Adhanom Ghebreyesus**, Director-General of the **World Health Organization (WHO)**. During the event, **Prof. Giuli Alasania** (University of Georgia) presented Dr. Tedros with an **honorary diploma** recognizing his leadership during the COVID-19 pandemic and his contributions to global health.



## **International Conference on Sustainable Cities: Interdisciplinary Approaches | Athens, Greece**

The **International Conference on Sustainable Cities**, held on June 27 at the **Athens University of Economics and Business** was a resounding success. The event brought together global experts, policymakers, academics, and practitioners to exchange knowledge and co-design actionable solutions for sustainable urban futures.

### **A Day of Impactful Conversations**

The conference provided a vibrant interdisciplinary platform to tackle the pressing challenges of climate change, rapid urbanization, and socio-economic transformation. Discussions spanned urban climate modelling, energy systems, resilient infrastructure, nature-based solutions, food and marine security, inclusive governance, and the pivotal role of education and skills in enabling just urban transitions.

### **Key Highlights**

- Inspiring keynote speeches from thought leaders across Europe, Asia, and the Americas
- High-level panels on climate finance, green infrastructure, public health, digital engagement, and urban innovation
- Cross-sectoral exchange of best practices and case studies bridging local and global perspectives
- A live demonstration of the ARSINOE\_EU Virtual Reality platform, showcasing immersive tools for public education and participatory urban planning

[Watch the video](#)





### 30th Annual Conference of the European Association of Environmental and Resource Economists

The **30th Annual Conference of the European Association of Environmental and Resource Economists (EAERE)** took place in Bergen, Norway, co-organised by EAERE, the **Norwegian School of Economics (NHH)**, the **Centre for Applied Research at NHH (SNF)**, and **AIM Group International**.

Our team organised two sessions:

- **ERC Grants Workshop – Advancing Frontier Research in Environmental Economics:** Led by **Prof. Phoebe Koundouri** in her role as ERC Ambassador and Synergy Grantee, the workshop showcased ERC-funded projects on climate, energy, and sustainability. Distinguished grantees including Profs. Ahlvik, Lamperti, De Cian, Campiglio, Tavoni, and Fabra shared insights on scientific impact and the ERC application process.
- **Launch of the Cambridge University Press Elements Series:** Chaired by **Prof. Koundouri** as Series Editor, this new interdisciplinary collection provides concise, policy-relevant resources at the interface of economics, ecology, and sustainability.





## High-Level Conference on Sustainable Energy Future through Hydrogen

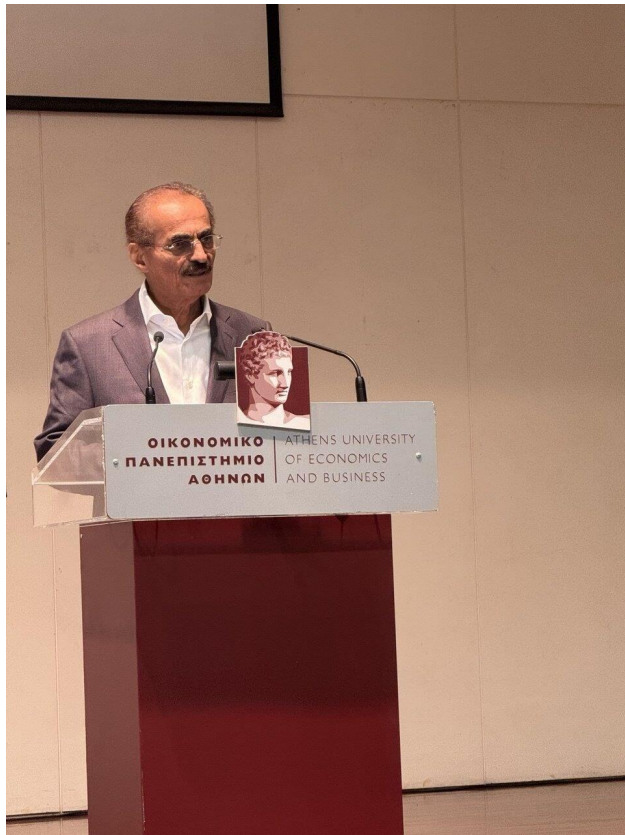
On April 29, 2025, a high-level **international conference on hydrogen and sustainable energy took place at the Athens University of Economics and Business (AUEB)**, as part of a broader three-day European collaboration. The event, titled “Shaping Europe’s Sustainable Energy Future through Hydrogen”, gathered leading scientists, policymakers, and industry representatives to discuss hydrogen’s pivotal role in Europe’s path to climate neutrality.

[Professor Phoebe Koundouri](#) (AUEB & DTU) opened the conference, followed by speeches from representatives of AUEB, the “Athena” Research Center, SDSN, and the UNFCCC. Keynote speaker [Dr. Abdullah Belhaif Al Nuaimi](#), former UAE Minister, called hydrogen the “final link” in full decarbonization. Experts from institutions such as DTU and the Academy of Athens presented research, and a final panel discussed Europe’s hydrogen ecosystem. The conference underscored the need for evidence-based policy and cross-sector collaboration. A follow-up workshop addressed barriers to hydrogen adoption and stakeholder engagement.

Read the Press Release in [English](#) and [Greek](#)

*The conference was organized by the [Research Laboratory on Socio-Economic and Environmental Sustainability \(ReSEES\)](#) of the [Athens University of Economics and Business](#) in collaboration with the [Department of Technology, Management, and Economics at the Technical University of Denmark \(DTU\)](#), the [Sustainable Development Unit of the Athena Research Center](#), the [UN SDSN Global Climate Hub](#), [SDSN Europe](#), the [Alliance of Excellence for Research and Innovation on Aephoria \(AE4RIA\)](#), and the [EU-funded project MAIA](#). The event was supported by the [European Association of Environmental and Resource Economists \(EAERE\)](#) and [INZEB, National Coordinator of the EU Climate Pact in Greece](#).*

[Watch the video](#)





## **XII Baku Global Forum**

### **Panel COP29: Breakthrough to Belém – Accelerating Transformation**

At the [XII Baku Global Forum](#), (held from March 13-15) organized by the Nizami Ganjavi International Center, [Prof. Phoebe Koundouri](#) had the honor of joining esteemed colleagues in a panel discussion on COP29: Breakthrough to Belém – Accelerating Transformation. The discussion focused on the key challenges and opportunities in global climate policy, finance, and action following COP29, with an emphasis on shaping the agenda for [COP30 in Belém](#).

Prof. Koundouri spoke on climate finance and economic opportunities, highlighting the critical need to strengthen the economic case for decarbonization, address challenges in securing climate finance from developed nations, explore innovative funding mechanisms, and increase private sector involvement. [Learn more](#)

### **The Role of Universities in Promoting Peace and Security in the Extended Black Sea Region**

As a Fellow and Trustee of the World Academy of Art and Science Art & Science and Member of the Leadership Council of SDSN Black Sea, [Prof. Phoebe Koundouri](#) participated in the International Workshop on “The Role of Universities in Promoting Peace and Security in the

Extended Black Sea Region – from the Caucasus to the Balkans,” held at [Baku Higher Oil School](#) during the XII Baku Global Forum.

Organized by the Black Sea Universities Network, the [World Academy of Art & Science](#), and [SDSN Black Sea](#), the workshop explored the critical role of universities in addressing regional challenges. The panel discussions focused on how universities can contribute to tackling migration, promoting sustainable development, and enhancing human security in the Extended Black Sea Region, while also identifying key priorities for peace and stability. [Learn more](#)





## Partnership Forum of the UN Economic and Social Council (ECOSOC) United Nations Headquarters in New York

On February 5, 2025, the **Partnership Forum of the [UN Economic and Social Council \(ECOSOC\)](#)** took place at the **United Nations Headquarters in New York**. As part of this global dialogue, the side event, hosted by [AE4RIA – Alliance of Excellence for Research and Innovation on Aephoria](#), [PVB LIC Foundation](#), and the [University of Cambridge](#), explored how **interdisciplinary, systems-based approaches can accelerate progress toward the SDGs**. During the panel discussion, [Prof. Phoebe Koundouri](#) had the privilege of engaging with [H.E. Viliami Va’inga Tōnē](#), Ambassador of Tonga to the U.S. and Permanent Representative to the UN, and [H.E. Dr. Hyginus Gene Leon](#), Ambassador-at-Large for Saint Lucia and Former IMF Senior Official. The session was moderated by [Ashaki Goodwin](#), Director of Government Affairs at [PVB LIC Foundation](#). Together, they examined how AI, climate science, data science, engineering, and sustainable finance can shape policies and economic strategies, particularly for Small Island Developing States (SIDS) and the Global South. [Learn more](#)

On February 11, [AE4RIA](#), [PVB LIC Foundation](#), and the [University of Cambridge](#) hosted a high-level side event at the UN FFD4 Preparatory Committee on **“Unlocking Natural Capital to Support Global Climate Finance in SIDS and the Global South.”** The session gathered leaders from finance, policy, and sustainability to discuss innovative frameworks that value natural resources, improve financial access, and integrate interdisciplinary research—marking a key step toward reshaping global finance for climate resilience in vulnerable regions. [Learn more](#)





## HIGHLIGHTS & RESEARCH PROJECTS under ReSEES Laboratory/ Athens University of Economics and Business



## ERC Water-Futures: Smart Water Futures: Designing the Next Generation of Urban Drinking Water Systems



TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Dr. Ebun Akinsete



Sofia Fratzi



Prof. Sotiris Georgamas



Prof. Lilitina Anastasia



Georgalos Konstantinos



Mary Paliou



Dr. Lazaros Chatzizazarou



Dr. Panagiotis Samartzis



Dr. Alina Vellias



Mavrogiannakis Nikos

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### *ERC Water Futures Meeting at DTU*

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On May 8–9, the [ERC Water Futures](#) consortium met at the [Technical University of Denmark \(DTU\)](#) to push forward the frontier of smart, equitable, and resilient urban drinking water systems.

Led by a multidisciplinary team of experts in AI, water science, economics, behavioral research, and sustainability, the meeting featured sessions on reinforcement learning, urban water fairness, sustainable pricing, climate-health linkages, and policy modeling.

Participating institutions: [KIOS Research and Innovation Center of Excellence](#) – PI: [Prof. Marios Polycarpou](#), [Bielefeld University](#) – PI: [Prof. Barbara Hammer](#), [KWR Water Research Institute](#) – PI: [Prof. Dragan Savic](#) FREng, [Athens University of Economics and Business \(AUEB\)](#) & [DTU – Technical University of Denmark](#) – PI: [Prof. Dr. Phoebe Koundouri](#)

Our team at [RESEES, Research Laboratory AUEB](#) and DTU, made key contributions across several thematic areas:

- Bayesian training & counterfactual decision-making – [Panagiotis Samartzis](#), CFA, [Konstantinos Georgalos](#)
- Integrated urban water management (Limassol case study) – [Ebun Akinsete \(PhD\)](#), Lydia Papadaki

- Fairness in urban water systems – [Anastasia Litina](#), [Konstantinos Georgalos](#), [Ebun Akinsete \(PhD\)](#), [Lydia Papadaki](#)
- ESG pricing & sustainability in the water sector – [Conrad Landis](#)
- Public preferences for water (in)security under uncertainty (Athens case) – [Sofia Frantzi](#), [Roy Brouwer](#)
- Blending experimental economics with living labs in water governance – [Ebun Akinsete](#), [Lydia Papadaki](#), [Alina Velias](#)
- Climate-induced mortality from temperature change in Europe – [Karyn Morrissey](#), [Philip McBride](#)
- National vs EU-level emission policy effectiveness – [Theis Utoft Madsen](#), [Dogan Keles](#)

Hosted by: DTU, Lyngby, Denmark. [Learn more](#)





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*The next quarterly meeting for the ERC Water Futures is scheduled to take place on **8–9 October in Cyprus**, hosted by KIOS Research and Innovation Center of Excellence at the University of Cyprus.*

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# HORIZON EU | [SOILCRATES: SOil Innovation Labs: Co-Regenerating And Transforming European Soils](#)



TEAM: Athens University of Economics and Business - ReSEES Research Laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Team Members



Michalis Dorgiakis



Dr. Kostas Dellis



Maria Tziva



Dr. Ebum Akinsete



Panagiota Koitsida



Eleni Toi



Liam O'Farrell

Prof. Phoebe Koundouri

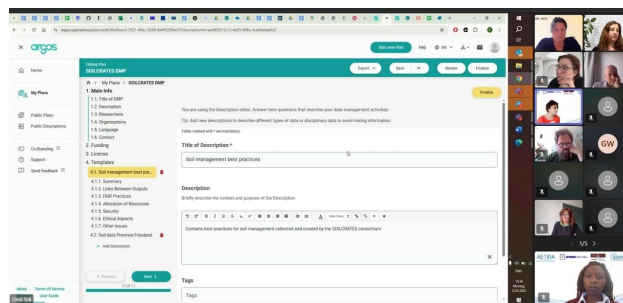
## SOILCRATES General Assembly – May 12–13, 2025

The SOILCRATES General Assembly brought together researchers, practitioners, and policy advisors from across Europe, both online and at the project’s Living Labs. The meeting was a key moment to reflect on progress, share insights, and coordinate the next phase of action. **Funded with 12 million euros, the project seeks to contribute to the EU Mission for healthy agricultural soils** through the creation of four Living Labs (LL) in the Netherlands, France, Ireland and Spain.

Highlights included local perspectives on “healthy soil,” early findings on land use and community engagement, collaborative sessions across disciplines and geographies, and ethical guidance to support responsible innovation. Input from the Advisory Board further strengthened cross-team collaboration toward a shared vision for *A Soil Deal for Europe*.

The next General Assembly will take place in October 2025 in Spain. More information:

[soilcrates.eu](http://soilcrates.eu)



## HORIZON EU | DiverSea: Integrated Observation, Mapping, Monitoring and Prediction for Functional Biodiversity of Coastal Seas



INTEGRATED OBSERVATION, MAPPING, MONITORING AND PREDICTION FOR FUNCTIONAL  
BioDIVERSITY OF COASTAL SEAS



TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Dr. Ebun  
Akinsete



Alice  
Guittard



Dr. Conrad  
Landis



Aggelos  
Plataniotis

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### *European Maritime Day 2025*

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Our team at the **Athens University of Economics and Business (AUEB)** represented the **DiverSea project** at the **European Maritime Day (EMD)** in Cork, Ireland (22–23 May 2025). As part of the exhibition, we showcased the DiverSea poster *“Pioneering Biodiversity, Observation, Mapping and Monitoring for Sustainable Ocean Management and Protection,”* presented by **Alice Guittard**.

Through our participation, AUEB team promoted the project to policymakers, industry leaders, and stakeholders from across Europe, while also reaching out to **start-ups and SMEs** interested in ocean biodiversity. The European Maritime Day is the EU’s annual event dedicated to maritime affairs and the development of a sustainable blue economy, organized by the European Commission.

Plenary sessions of the event (22–23 May 2025) are available on [YouTube](#)

More about DiverSea: <https://www.ntnu.edu/diversea/>



## Horizon EU | Pathways2Resilience: Co- developing Pathways Towards Climate Resilient Regions in Europe



**TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability**

**Principal Investigator**



Prof. Phoebe Koundouri

**Team Members**



Dr. Kostas Dellis



Dr. Conrad Landis

In the first half of 2025, AUEB advanced the Pathways2Resilience (P2R) process by supporting four regions, completing all capacity-building activities, and guiding the delivery of their Baseline Reports in July.

At the European Urban Resilience Forum (EURESFO), AUEB and P2R joined partners including CDP, Climate-KIC, Ecounterfaces, and SERCO/ESA to address barriers to scaling adaptation finance. Key takeaways included the need for de-risking mechanisms, public-private funds, one-

stop financing hubs, and stronger links between governance, finance, and community wellbeing.

At ECCA 2025, P2R introduced the **Adaptation Investment Cycle (AIC)** — a framework that puts finance at the core of adaptation planning. Kostas Dellis (AUER) and Kit England (PWA) showcased **Climate Resilience Investment Plans (CRIPs)**, which turn adaptation pathways into bankable projects, supported by a **Catalogue** of funding sources, instruments, and best practices. Through its **Support Programme**, P2R provides regions with capacity building, technical assistance, and tools like the **Adaptation Finance Innovation Lab** and **Cost of Inaction models** to align adaptation with economic and social goals.



[Horizon 2020 | ARSINOE: Climate Resilient Regions Through Systemic Solutions and Innovations](#)





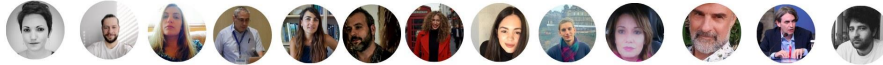
TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Audrey Alamy, Dr. Glavris Arampatzidis, Vasilek Chelastani, Dr. George Fereztzakis, Alice Guttard, Dr. Conrad Landis, Lydia Papadaki, Mary Paliou, Dr. Dimitris Raptis, Prof. Yasiliki Tzoukala, Dr. Dr. Fivos Papadimitriou, Dr. Theo Benos, Dr. Moustas Nagkoulis



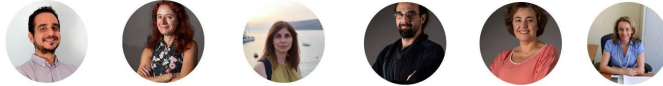
TEAM: ATHENA Research Center Sustainable Development Unit

Principal Investigator



Dr. Eburn Akinsete

Team Members



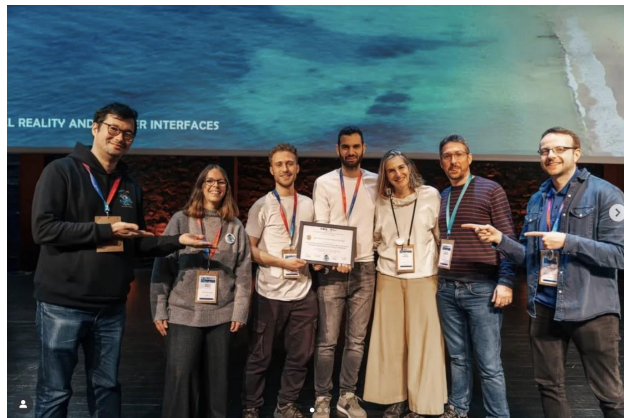
Michalis Dorgiakis, Dr. Akrivi Katifori, Panagiota Koltzida, Marinos Kouris, Eleni Toli, Marianna Mousoulidi

## First Place at IEEE VR 2025 for ARSINOE Project

We are thrilled to share that the **Athena Research Center team** won **First Place** at the 32nd IEEE International Conference on Virtual Reality in the *Best 3DUI Demo* category for our **ARSINOE project!**

Led by **Akrivi Katifori** and her team, the demo *“From Dystopia to Eutopia: Transforming Urban Environments Through Collaborative Decision-Making in Arsinoe VR”* tackles the urban heat island effect through an immersive social VR experience. By exploring dystopian and sustainable futures, participants collaborate as experts to design solutions for urban resilience.

Watch the project video here: <https://lnkd.in/dA3XiAP7>



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## *Interactive Session – ARSINOE VR Demo at the International Conference on Sustainable Cities*

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As part of the *International Conference on Sustainable Cities: Interdisciplinary Approaches* held at the Athens University of Economics and Business on June 27, 2025, the **ATHENA RC ARSINOE team** organized an interactive closing session on *Digital Tools for Public Engagement and Education*.

The session featured a live demonstration of **ARSINOE's virtual reality platform**, showcasing how immersive technologies can enhance public engagement and education for sustainable urban transformation. The demo was led by **Dr. Akrivi Katifori** (National and Kapodistrian University of Athens & ATHENA Research Center).



## Horizon 2020 | **IMPETUS: Dynamic Information Management Approach For The Implementation Of Climate Resilient Adaptation Packages In European Regions**



TEAM: Athens University of Economics and Business - ReSEES Research Laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Dr. Marietza Chatzigeorgakou



Dr. George Fotiadis



Dr. Cemal Lando

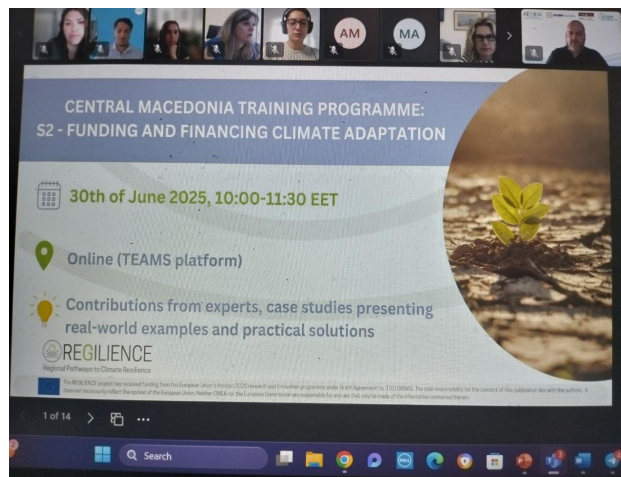
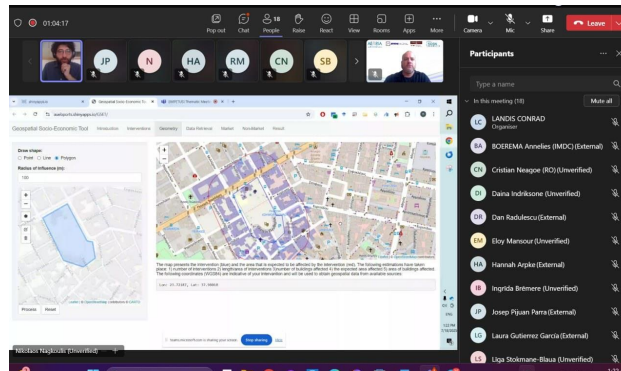
## **IMPETUS Webinar Series – 18 July 2025**

*Assessing the Impact of Nature-Based Solutions in Cities: A GIS Social Cost-Benefit Analysis Tool*

On **18 July 2025**, as part of the **IMPETUS Webinar Series**, Dr. Nikolaos Nagkoulis and Dr. Conrad Landis presented the new **GIS SCBA tool** developed within the IMPETUS Project, designed to assess the impact of nature-based solutions in urban environments.

### **REGILIENCE Training Program – 23 July 2025**

On **23 July 2025**, **AUEB team** participated in the **REGILIENCE Training Program**, showcasing innovative tools developed under the **ARSINOE** and **IMPETUS** projects, with a focus on practical applications for resilience and sustainable urban transformation.



## Horizon 2020 | [BRIDGE-BS: Advancing Black Sea Research and Innovation to Co-Develop Blue Growth within Resilient Ecosystems](#)



# BRIDGE-BS

Blue Growth Incubators | Service Dynamics | Empowered Citizens



TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Alice Guittard



Panagiota Koltsida



Eleni Toli



Calliope Tsiftsi

**[Resees, Research Laboratory AUEB](#) is excited to announce that at [European Ocean Days](#), it was recognized for its work on the [BRIDGE Black Sea](#) project!**

As the leader of Work Package 6, which focuses on Socio-Economics and Social Innovations, Resees, Research Laboratory AUEB was honored for its Mission Ocean Charter within the BRIDGE-BS LivingLabs in the BlackSea. This award underscores its commitment to co-developing innovative solutions in collaboration with local communities, promoting the sustainable growth of the Black Sea's Blue Economy.

A special congratulations to AUEB's Principal Investigator, [Prof. Dr. Phoebe Koundouri](#), and our team members [Alice Guittard](#) (who accepted the award on behalf of the team), [Eleni Toli](#), and [Panagiota Koltsida](#), for their dedication to sustainability and innovation in the Black Sea!

Learn more about the BRIDGE Black Sea project here:



## Erasmus+ SUSTAINET: Empowering Local Governance for Sustainable Economic Growth through a network of Green Business Innovation Hubs



TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Stathis Devves



Dr. Mariatzela Chatziannakou



Lampros Lois

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### *Kick-off Meeting of the SustainNet Erasmus+ Project | Empowering Local Governance for Sustainable Green Growth*

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On **20–21 May 2025**, the **University of Limassol** hosted the in-person **kick-off meeting** of the **SustainNet Erasmus+ project**, coordinated by the **Athens University of Economics and Business** under the leadership of **Prof. Dr. Phoebe Koundouri**.

The project, which officially launched online on **20 March 2025**, brings together partners from Greece, Cyprus, and Bulgaria to empower local governments and SMEs, strengthen sustainability, and foster green innovation. [Learn more](#).

## SUSTAINET Project



Addresses EU Green Transition challenge by fostering synergies

- Public authorities
- Business sector
- Civil society

Establishes Green Business Innovation Centers (GBICs)

- Provide tools/resources for sustainable collaboration
- Sustain long-term synergies across stakeholders

Integrates the sustainability pillars


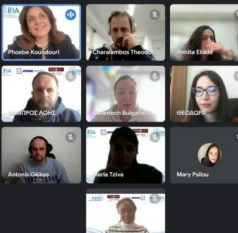
- Economic development (green jobs, growth)
- Environmental action (emission reduction, resource conservation)
- Community engagement (participatory governance)
- Cross-sector collaboration (public-private-civil society)

Prof. Phoebe Knopikour (L1167662)




Phoebe Knopikour (Presenting)

### SUSTAINET Partners

## ERASMUS+ | [BuildSkills Academy: Academy for Transitional Skills in the Build Environment](#)



We are thrilled to announce a major achievement in our Erasmus BuildSkills Academy project — the official launch of the BuildSkills Platform (BSP)! The BSP was fully designed and developed by our team at Athens University of Economics and Business — [Eleni Toli](#), [Panagiota Koltzida](#), [Ebun Akinsete](#) (PhD), and [Stavroula Samara](#) (BSc, M.A.) — under the leadership of Principal Investigator (PI) Prof. Dr. [Phoebe Koundouri](#).

This free, user-friendly platform supports Vocational Education and Training (VET) providers across Europe in adapting their curricula to the green and digital transition in the construction sector.

What does the BSP offer?

- Self-assessment of new or existing courses
- Skills gap analysis for construction occupations
- Quality assurance insights to enhance training programs
- Guided recommendations for curriculum improvements
- Skills Explorer with nearly 300 skills relevant to green and digital construction

The platform is open to all VET providers — start exploring with just a simple registration: <https://platform.buildskillsacademy.com/>



## Erasmus+ | [CATALYST: European VET Excellence Centre for Leading Sustainable Systems and Business Transformation](#)



TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Kourbouli

Team Members



Panagiotis Katsela



Lydia Papadaki



Eleni Tsi

---

### *Empowering Professionals to Lead the Transition to Sustainable Production*

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The **CATALYST project** launches a **six-month Circular Economy Specialisation Programme** to help professionals embed circular practices in their organisations and lead sustainable transformation.

#### **Highlights:**

- Tools for circular production and business models
- Leadership skills for strategic change

- Training in circular KPIs, green finance & data-driven decision-making
- Flexible modular structure with mandatory and elective courses

Targeted at managers, production leaders, and procurement teams, the programme equips participants to create value through sustainability, innovation, and resilient supply chains.

[Learn more via the CATALYST platform.](#)

On **31 March 2025**, CATALYST hosted an exclusive online webinar on **Business Transformation in Southeast Europe**, bringing together experts and practitioners from **Greece, Bulgaria, and Cyprus**.

The discussion focused on how **sustainability, cleantech entrepreneurship, and digital innovation** can drive business transformation, and highlighted the new opportunities emerging for **SMEs and industry leaders in the carbon economy**.

Key topics included:

- The impact of EU sustainability policies on business transformation
- Scaling cleantech ventures and fostering innovation
- Digital solutions for sustainable infrastructure
- Opportunities in the carbon economy

The webinar was organised in the framework of the [CATALYST project](#), which supports SMEs and professionals through free training courses on sustainability, circular economy, and business innovation.

**CATALYST Centre**  
National Transformation

## WEBINAR

### Business Transformation in Southeast Europe!

**Introduction to EU Policy Agenda and Sustainability**  
Prof. Dr. Phoebe Koundouri

**Smart and Green: Digital Innovation for Sustainable Infrastructure Development**  
Mariyana Hamanova, CleanTech Bulgaria

**Advancing Sustainable Business Practices: Fostering Cleantech Entrepreneurship**  
Stelios Procopiou, Managing Director and Co-Founder, Chrysalis LEAP

**Innovating for Sustainability: Business Transformation in the Carbon Economy**  
Vasilis Stenos, CEO and Founder, Solmeyea

**Monday, 31st March 2025**  
11:00 – 12:30 CET  
Online – Zoom

**CATALYST**  
National Transformation

Go-funded by the European Union



TEAM: Athens University of Economics and Business - ReSEES Research laboratory on Socio-Economic and Environmental Sustainability

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Prof. Anastasia Lina



Dr. Corrado Lolis

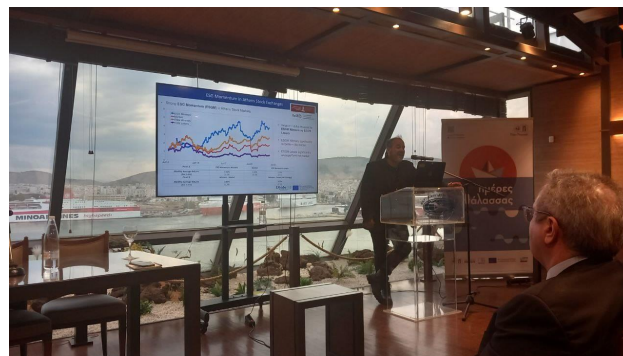


Dr. Marilena Chatzigeorgaki



Stathis Deyves

**Our team at the Athens University of Economics and Business (AUEB)** leads several tasks including Investigating the directions of the Green Deal in order to maintain the methodology and work of the project within its priorities. Moreover, AUEB will assess the environmental benefit and the general carbon footprint along the value chain of the shipping activities.



# HIGHLIGHTS & RESEARCH PROJECTS under Sustainable Development Unit/ "Athena" Research Center



**ATHENA**

Research & Innovation  
Information Technologies

Sustainable Development Unit

## HORIZON EU | SMARTER: Systemic Transformation Towards Local and Regional Climate Resilience



SMARTER



TEAM: ATHENA Research Center  
Sustainable Development Unit

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Alice Guittard



Lydia Papadaki

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*Kick-off Meeting of the SMARTER Project – Building Regional Climate Resilience*

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**10–12 June 2025 | Ostend, Belgium** The AE4RIA–ATHENA RC team joined the **kick-off of the SMARTER project** (Horizon Europe – Mission on Adaptation to Climate Change). Representing the team, **Dr. Anni Triantafyllidou** presented work on the **Climate Adaptation Lab of Western Greece**. Led by **Prof. Phoebe Koundouri**, with **Dr. Theofanis Zacharatos**, **Dr. Konstantinos Dellis**, and **Dr. Triantafyllidou**, the team contributes to socio-economic analysis, resilience indicators, and modelling support.

SMARTER aims to support a transformative change needed for systemic climate adaptation by addressing these cross-sectoral interdependencies. To achieve this, we set up 10 Climate Adaptation Labs, spread over Europe, in which we develop and demonstrate a systemic approach, including supporting tools at the local and regional scale. [Learn more](#)





[HORIZON EU | CO-WATERS: Coalition of Waterfront Cities, Regions and Islands](#)



[CO-WATERS – Coalition of Waterfront Cities, Regions and Islands for Mission Ocean and Waters](#), our new **Horizon Europe** project supporting the **EU Mission “Restore our Ocean and Waters”**, officially launched in **June 2025**.

Over the next four years, **CO-WATERS** will empower **waterfront cities, regions, and islands** to lead the transition toward **clean, healthy, and resilient waters**. Bringing together **17 partners** and **6 pilot territories**, the project will provide:

- Tailored tools and training
- Peer-to-peer learning and twinning activities
- Advisory support on funding and transition planning
- A new **Mission Ocean and Waters Label** recognising excellence and local progress

Acting as a bridge between the first and second implementation phases of the Mission, **CO-WATERS** will strengthen cooperation, knowledge exchange, and local engagement to accelerate the restoration of Europe’s ocean and waters.

Our team at **ATHENA RC**, led by **Professor Phoebe Koundouri** as **Principal Investigator**, will **host the Secretariat of the CO-WATERS Coalition** and lead the **long-term sustainability strategy** of the initiative, ensuring the coalition continues to operate beyond the lifespan of the project.



Your experience, needs, and priorities are essential to shaping CO-WATERS' support services. We have designed a 15 minute survey to gather insights from organisations working in water-related fields, from local and regional authorities and NGOs to research institutions and citizen initiatives.

[Take the Survey →](#)

22 - assessment survey: <https://ec.europa.eu/eusurvey/runner/cowatersneedsassessmentsurvey>

## HORIZON EU | [FoodCoP: Fuelling Startup Villages with Circular Bioeconomy Strategies](#)



 **ATHENA** Research Center for Sustainable Development  
Sustainable Development Unit

TEAM: ATHENA Research Center  
Sustainable Development Unit

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Dr. Eleni Akritou



Maria Chourdaki



Spiros Mankis



Lytla Papadaki

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## *Launch of the FoodCoP Platform: A New Era for Rural Food Systems!*

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We're excited to announce the launch of the [FoodCoP](#) Platform, a digital space to empower those working to make rural food systems across Europe more sustainable, inclusive, and innovative. The platform is a key part of the [FoodCoP](#) (Fueling Startup Villages with Circular Bioeconomy Strategies) project, a [HorizonEurope](#)-funded initiative aimed at strengthening rural areas. It offers a community-driven space for connection, learning, and action.

What can you do on the platform?

- Access curated resources on rural innovation, circular bioeconomy, and food systems
- Participate in an interactive forum for knowledge exchange
- Network with others working on similar challenges
- Promote and discover relevant events

The platform is for anyone working on sustainability, innovation, or rural development — including those in policy, research, entrepreneurship, and community action. Register now for free: [www.platform-foodcop.eu](http://www.platform-foodcop.eu)





## HORIZON EU | [CARMINE: Climate- Resilient Development Pathways in Metropolitan Regions of Europe](#)



TEAM: ATHENA Research Center  
Sustainable Development Unit

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Dr. Eshun  
Akinsete



Dr. Konstantinos  
Delis



Dr. Lida  
Dimitriadou



Michalis  
Dorigiakis



Prof. Elias  
Giannakis



Alice  
Guillard



Panagiota  
Kotsida



Giannis  
Marnellis



Monica  
Mavragani



Anna  
Triantafyllidou



Eleri  
Toft



Maria  
Tziva

## CARMINE Project General Assembly Meeting: Advancing Climate-Resilient Development in European Metropolitan Regions

From March 18–20, the [CARMINE Project](#) General Assembly at the Academy of Athens gathered 32 partners from 11 countries to advance climate-resilient urban development. Led by **Prof. Phoebe Koundouri** our team focuses on Living Labs, digital twins, and vulnerability assessments to support sustainable metropolitan futures. [Learn more.](#)





Horizon EU | CHOICE: Mainstream Mitigation pathways for a climate- conscious change in the food system



**ATHENA** Research Center  
Sustainable Development Unit

TEAM: ATHENA Research Center  
Sustainable Development Unit

Principal Investigator



Prof. Phoebe Koundoul

Team Members



Prof. Giannis Adamos



Dr. Marietza Chafizgiannakou



Dr. Konstantinos Christopoulos



Dr. Alexandra Ioannou



Dr. Conas Landis



Prof. Chrysi Lepitovu



Mary Pelou



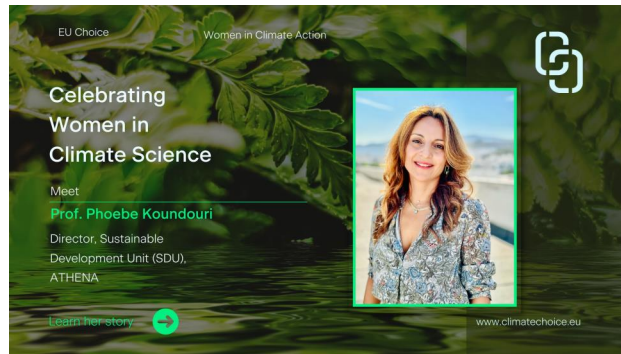
Dr. Petros Xepapodas

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## Women in Climate Action – Featuring Professor Phoebe Koundouri

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CHOICE project spotlighted **Professor Dr. Phoebe Koundouri** as part of its *Women in Climate Action* series, highlighting women driving sustainability transitions across research, policy, and innovation. A leading economist, Professor Koundouri pioneers interdisciplinary approaches to the interaction between nature, society, and the economy. [Read her interview here](#)



## HORIZON EU | [MariTech Talent Project](#)



TEAM: ATHENA Research Center  
Sustainable Development Unit

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Panagiota  
Kolttsida



Lydia  
Papadaki



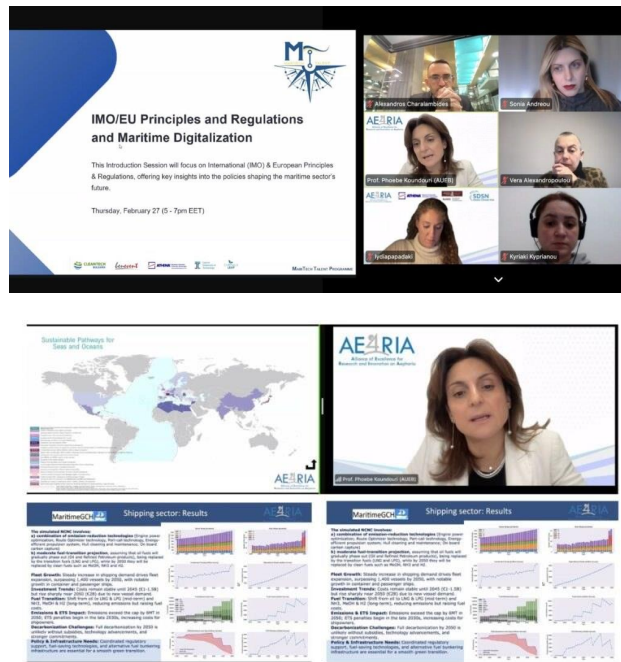
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## First MariTechEU Online Training: A New Era of Intrapreneurship for Maritime Professionals

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On February 27, [MariTechEU](#) launched its first online training, kicking off an intrapreneurial journey for maritime professionals. **Prof. Phoebe Koundouri** shared insights on sustainable shipping, digitalization, and green technologies, highlighting AE4RIA's role in Horizon Europe's **MariTech Talent Project**, which fosters green and digital upskilling in the maritime sector. [Learn more.](#)



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## MariTech Consortium Brings Together Industry and Startups for Maritime Innovation

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On March 13, the [EU-funded MariTech Talent Program](#) hosted an event at **AUEB**, bringing maritime professionals, startups, and industry stakeholders together to explore digital and green transformation. Led by Prof. Phoebe Koundouri, the program focused on cybersecurity, alternative fuels, and sustainability, featuring workshops, startup pitches, and collaboration on real-world maritime challenges. [Learn more.](#)





## Horizon EU | [MAIA+: Maximising impact and accessibility of European climate research](#)



23 -



TEAM: ATHENA Research Center  
Sustainable Development Unit

Principal Investigator



Prof. Phoebe Koundouri

Team Members



Dr. Kostas  
Dellis



Hezal Dilan  
Sari



Sofia  
Achilleopoulou



Dr. Mariatzela  
Chatzigiannakou

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### *4th MAIA Resilience EU Workshop – Shaping Europe’s Sustainable Energy Future*

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On April 29, 2025, ATHENARC team hosted the 4th MAIA Workshop at the [Athens University of Economics and Business](#), as part of the [Hydrogen Conference on Shaping Europe’s Sustainable Energy Future](#).

This in-person event brought together over 130 participants — from policymakers and researchers to industry leaders and civil society — for an engaging exchange on hydrogen’s pivotal role in Europe’s clean energy transition. [Learn more](#)



Horizon 2020 | [DOORS: Developing an Optimal and Open Research Support system to unlock the potential for blue growth in the Black Sea \(BS\)](#)



Team Members



Dr. Eleni Akritou



Lydia Papadaki

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*Opening DOORS to the Black Sea: A Milestone for Sustainability & Innovation*

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On March 27, 2025, the **H2020 DOORS Project** was showcased at the **European Parliament** in Brussels, hosted by MEPs Victor Negrescu and Ștefan Mușoiu. **Athena Research Center**, led by Prof. Dr. Phoebe Koundouri, was represented by Lydia Papadaki. The project unites 37 institutions to address climate and human impacts on the Black Sea, advancing **digital twins**, **Blue Economy growth**, and **stakeholder engagement** for a sustainable future. [Learn more.](#)

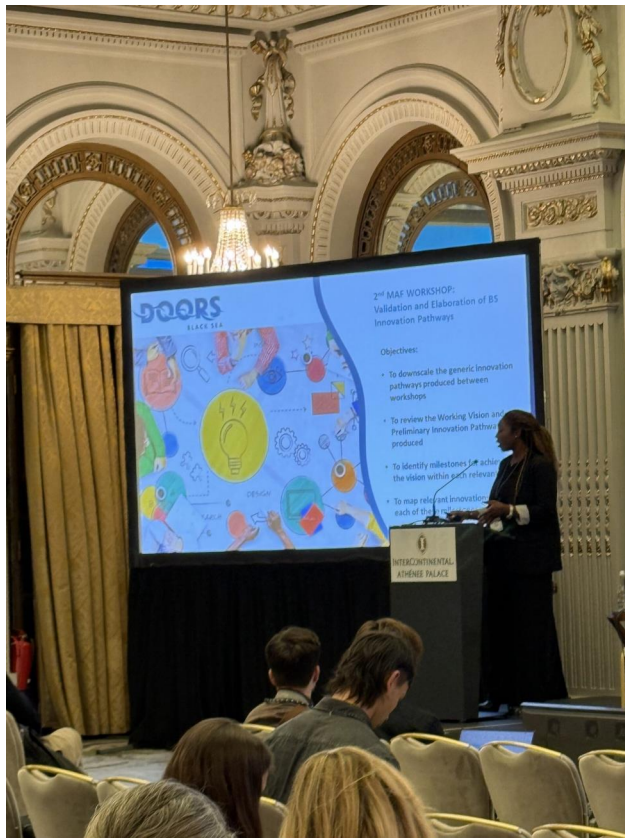


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*Spotlight on DOORS Black Sea: Shaping the Future of the Black Sea*

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The **Athena Research Center** team, led by **Prof. Dr. Phoebe Koundouri**, with **Dr. Ebum Akinsete** and **Lydia Papadaki**, contributed to the **DOORS Black Sea** project in Bucharest. Ebum and Lydia presented **innovation pathways for a sustainable Blue Economy** at the Final Conference (6 May) and helped shape next steps at the 5th General Assembly (7–8 May). [Learn more](#)





**ERASMUS+: EXCEED – Excellence in Green and Digital Manufacturing**



TEAM: ATHENA Research Center  
Sustainable Development Unit

Principal Investigator



Prof. Phoebe Kountouri

Team Members



Dr. Eleni Alexopoulou



Aggeliki Nektari



Stavroula Samara



Dr. Georgina Spyridaki

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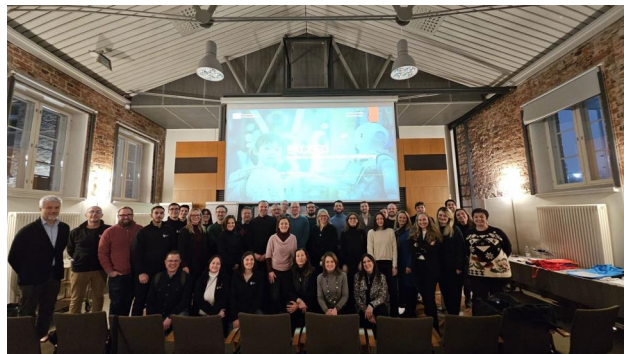
## *EXCEED Talks on the Green and Digital upskilling and reskilling in COVEs*

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On **4–6 February 2025**, VET professionals and project partners met in Oulu for the **third EXCEED Progress Meeting**, hosted by **OSAO VET School** and co-organized with the project’s Policy Board. **Voula Samara** (Athena RC) and **Mr. Athanasios Tsagatakis** (Ministry of Education) represented Greece, joined by **HELMEPA trainers** collaborating with Athena RC on a new course on shipping decarbonization.

The program included **site visits** to the University of Oulu’s FabLab, Sähkö-Rantek Oy, and VTT’s PrintoCent, showcasing innovation in digital fabrication, automation, and smart manufacturing. Participants also explored Finland’s competence-based VET model through guided tours at OSAO.

Workshops covered **EQAVET principles**, progress on five new higher VET curricula, and strategies to strengthen VET–industry partnerships. The meeting marked another important step in advancing innovative, future-focused training pathways across Europe.



## Conferences, Events & Workshops



### Santa Chiara Lab – Steering Committee Meeting



On Tuesday, January 29, as a member of the **Steering Committee of the [Santa Chiara Lab – Università di Siena](#)**, **[Prof. Phoebe Koundouri](#)** had the pleasure of attending its official launch at the lab's headquarters in the historic Porta Romana area. The Santa Chiara Lab has been, since its inception, a center dedicated to fostering connections and hybridization between different

fields of knowledge, a facilitator of relationships between the business world and academia, and a place for cross-disciplinary training, hospitality, and sharing. Their day was filled with inspiring discussions, lab visits (Santa Chiara Lab; LabVR UNISI; Farming Lab; Packaging Lab; Kitchen Lab; Fondazione Siena Food Lab) and engaging presentations, concluding with the inauguration of new laboratories at the Scientific Center of San Miniato. [Learn more](#)

### **Launch Event of the Sustainable Development Solutions Network & SustainChain™ Partnership**

On February 3rd, **SDSN and SustainChain™** launched their partnership at Columbia University, bringing together 250+ members to advance SDG collaboration through an AI-driven platform. Prof. Phoebe Koundouri shared AE4RIA's contributions of 100+ research projects and tools, showcasing scalable solutions and engaging its global network. [Learn more](#)





## Unknown Aspects of the Freedom Struggle: Cultural Heritage and Sustainable Management in the Indian Knowledge System

On February 2nd, **Prof. Phoebe Koundouri** delivered the keynote at **IIM Sambalpur's International Seminar** on cultural heritage and sustainable management. She presented the work of the **SDSN Global Climate Hub**, chaired under AE4RIA, which develops climate neutrality strategies through policy, technology, finance, and AI-driven tools, alongside a training hub to build stakeholder capacity. [Learn more](#)



## Prof. Phoebe Koundouri on Climate Resilience and Human Security at Strategic Foresight Workshop

On February 27 in Athens, **Prof. Phoebe Koundouri** spoke at the **First Strategic Foresight Workshop** on *Emerging Security Challenges in the 21st Century*, addressing climate change and human security. She also presented her team's new Springer Nature study introducing an AI-driven tool that maps Human Security strategies to the SDGs. [Read here](#).

[Learn more.](#)



### **EU Climate Pact National Event 2025 in Athens**

On February 21, as EU Climate Pact Ambassador, **Prof. Phoebe Koundouri** spoke at the **EU Climate Pact National Event in Athens**, highlighting the role of climate finance in resilience and adaptation. She stressed the need to reform global finance, shared SDSN Global Climate Hub initiatives, and emphasized sustainable finance as a catalyst for the green transition. [Watch here.](#)



## Prof. Phoebe Koundouri Moderates Panel on Women's Entrepreneurship at Finnish-Hellenic Workshop

On March 5, **Prof. Phoebe Koundouri** moderated a panel on women's entrepreneurship at the Finnish-Hellenic Chamber of Commerce Workshop in Athens. Joined by leading voices from

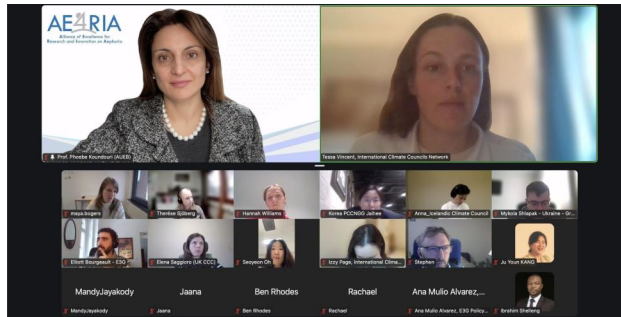
business and academia, she stressed the need to accelerate progress on gender equality, drawing on findings from the 2024/25 Europe Sustainable Development Report. [Read the report](#)

[Learn more](#)



### **Prof. Phoebe Koundouri Joins ICCN's Special Scientific Committee on Climate Change**

**Prof. Phoebe Koundouri** has joined the **International Climate Councils Network (ICCN)**, representing Greece on the Hellenic Ministry of Environment's Special Scientific Committee on Climate Change alongside Prof. Christos Zerefos and Prof. Costas Synolakis. Launched in 2021, ICCN connects climate councils worldwide to share knowledge, best practices, and strengthen efforts to tackle climate change [Learn more](#)



## Women Climate Leaders Network (WCLN) Celebrates Its First Anniversary at the EIB Group Forum 2025

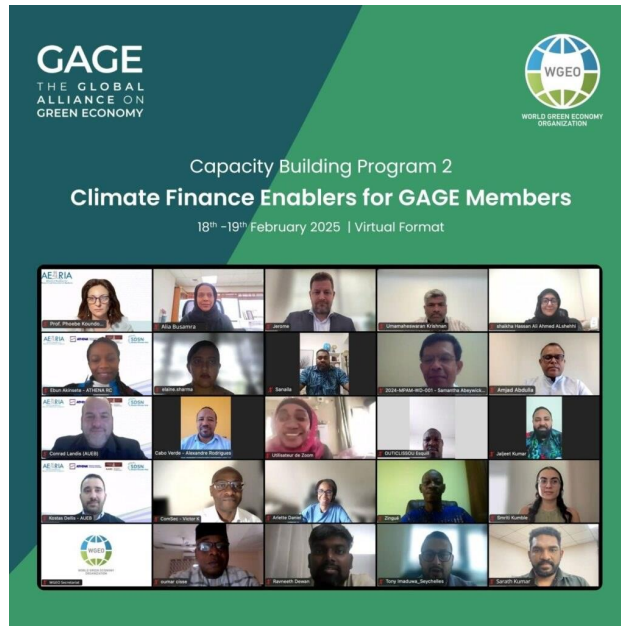
At the **EIB Group Forum 2025** in Luxembourg, the Women Climate Leaders Network (WCLN) celebrated its first anniversary. Prof. Phoebe Koundouri, part of the Greening SMEs and Green Innovation working group, co-developed a paper outlining strategies to accelerate green investment for SMEs, featuring AE4RIA tools—**Metrix** for ESG reporting and **AI Skills** for workforce upskilling. She emphasized science-based approaches to guide profitable, resilient sustainable transformations. [Read the full paper](#)

[Learn more](#)



## AE4RIA Partners with GAGE for Two-Day Climate Finance Training to Equip Members with Key Skills and Strategies

On February 18–19, AE4RIA, under Prof. Phoebe Koundouri, partnered with **GAGE** to deliver a two-day climate finance training for member states. The program equipped policymakers and stakeholders with tools to access, mobilize, and leverage climate finance, covering funding mechanisms, project planning, and engagement with major funds like GCF and GEF.



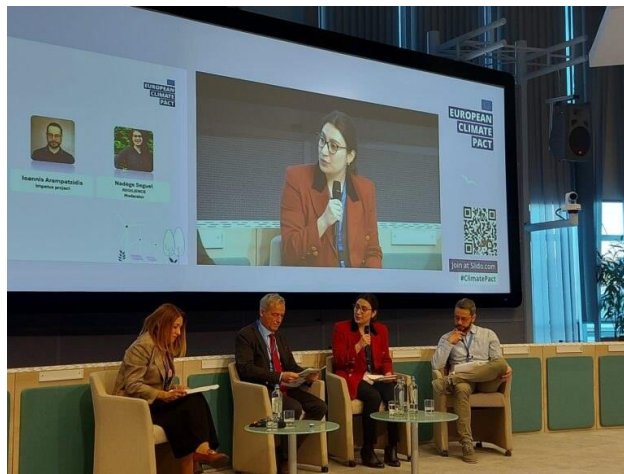
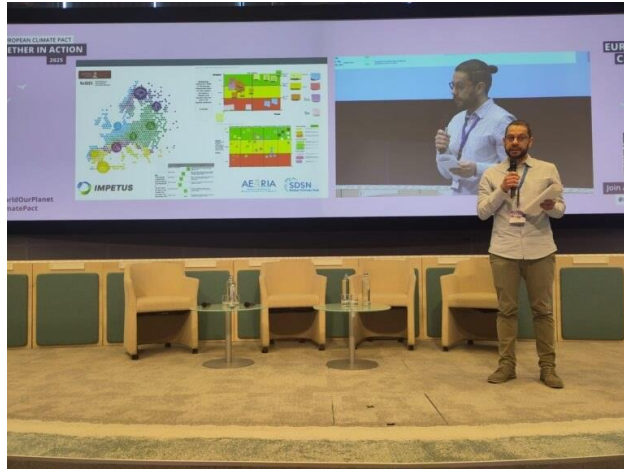
### AE4RIA’s Meeting on Greece’s Sustainable Port Transformation

On March 11, AE4RIA met with Greece’s Ministry of Maritime Affairs, Climate-KIC, HRADF, and the Hellenic Ports Association to explore collaboration within the DeepDemonstration initiative, advancing sustainable, low-carbon maritime hubs aligned with the European Green Deal. [Learn more](#)



### European Climate Pact Annual Event 2025: Together in Action

On March 19, the European Climate Pact annual event in Brussels gathered activists, policymakers, and organizations to drive a climate-neutral Europe. **Dr. Ioannis Arampatzidis** presented our **H2020 Climate Impetus project**, where RESEES, led by **Prof. Phoebe Koundouri**, develops innovative finance and insurance tools to boost climate resilience. [Learn More](#)



## Fostering Climate Resilience: Key Takeaways from the Dialogue on Resilience Forum

On March 20, the Dialogue on Resilience Forum in Athens brought 100+ Greek mayors together to discuss climate adaptation. Prof. Phoebe Koundouri highlighted financial strategies, integrated planning, and the **SDSN Global Climate Hub's** role in supporting urban resilience.

[Learn more](#)





### Lecture on Stakeholder Engagement Approaches at the BRIDGE-BS Winter School

On March 20th, 2025, **Ms. Lydia Papadaki** (Athens University of Economics and Business, Athena Research Center) delivered a lecture on stakeholder engagement at the **BRIDGE-BS Winter School** in Athens. Her session covered **Multi-Actor Forums**, systems innovation, stakeholder mapping, and innovation pathways.

Our teams at **Athena Research Center** and **Resees AUEB**, led by **Prof. Dr. Phoebe Koundouri**, actively contribute to the **DOORS Black Sea** and **BRIDGE-BS** projects. [Learn more](#)





## Evaluation of Entrance Fee Policy and Socioeconomic Impacts at the Alonissos-Northern Sporades National Marine Park

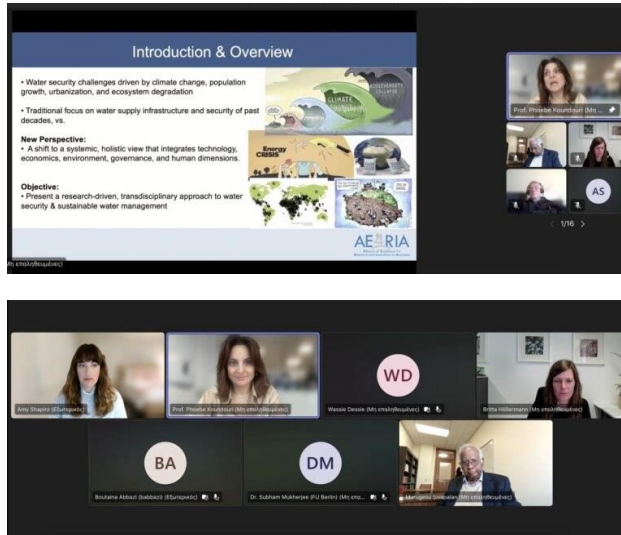
On March 17th, 2025, Alonissos hosted the **First Multi-Stakeholder Forum** on the socioeconomic impacts of the **Alonissos-Northern Sporades Marine Park**, organized by **AE4RIA** under **Prof. Dr. Phoebe Koundouri**. Local community members, authorities, NGOs, and academics collaborated to assess ecosystem services, identify challenges, and co-create strategies balancing **environmental preservation and local well-being**. [Learn more.](#)



### Leading Perspectives on Water Security webinar by Frontiers

On March 10th, **Prof. Phoebe Koundouri** joined a **Frontiers Town Hall webinar** on water security with Profs. Joyeeta Gupta, Amber Wutich, and Juergen Scheffran. She highlighted **systems innovation and data-driven governance** for sustainable water management and discussed her 2025 paper on **systems-thinking innovations for water security**, referencing the

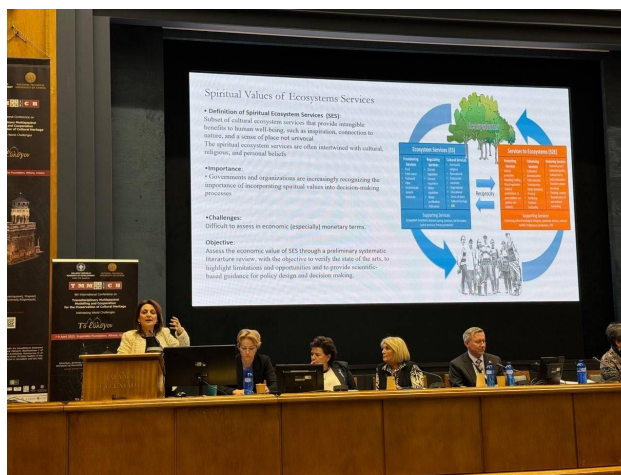
SDSN Global Climate Hub’s work on modeling, digital tools, and participatory approaches. [Learn more](#)



#### 4th International Conference on Transdisciplinary Multispectral Modelling and Collaborative Strategies for the Preservation of Cultural Heritage at the Eugenides Foundation

Prof. Phoebe Koundouri spoke at the 4th International Conference on Transdisciplinary Modelling for Cultural Heritage (April 7–9, 2025), presenting “Integrated Assessment of National Climate Neutrality Commitments” and stressing the link between climate policy and cultural heritage preservation.

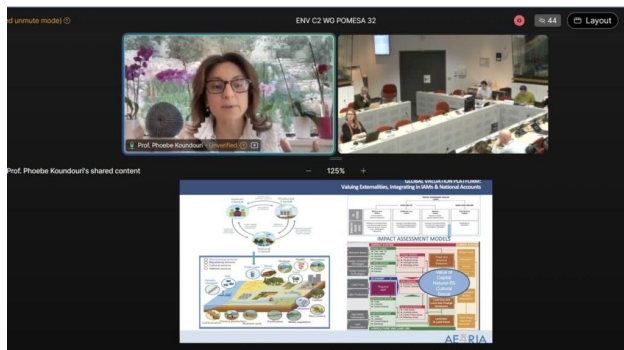
As Chair of the UN SDSN Global Climate Hub, she highlighted scientific modeling, stakeholder engagement, and digital decision-support tools for resilient, climate-neutral strategies, emphasizing the value of tangible and intangible cultural heritage. [Learn more](#)





## The EU Ocean Accounts Workshop in Brussels

Prof. Phoebe Koundouri participated in the **EU Ocean Accounts Workshop** in Brussels (9–10 April 2025), focusing on **Valuation of Marine Ecosystem Services** to support evidence-based, sustainable marine governance. [Learn more](#)





decarbonization strategies, highlighting AE4RIA's research driving sustainable transitions and data-informed policy. [Learn more.](#)



### Prof. Phoebe Koundouri Presents Systems Approach to Food System Transformation at Academia Europaea – HUN-REN Interdisciplinary Workshop

Prof. Phoebe Koundouri participated in the Academia Europaea – HUN-REN Workshop in Budapest (24–25 April 2025), presenting on **integrated assessment models for transforming food systems** under climate, biodiversity, and food security threats. She highlighted **AE4RIA's leadership in FABLE Greece** and sustainable pathways for resilient, equitable food systems.

[Learn more](#)



## Prof. Koundouri Speaks at AkademyClub London on Sustainability and Systems Change

Prof. Phoebe Koundouri delivered a keynote at the Savile Club, London (7 May 2025) for AkademyClub.com, discussing systems transformations for sustainable interactions between nature, economy, and society. She highlighted AE4RIA's work and the need for integrated, science-based approaches to drive a just, climate-resilient future. [Learn more](#)





## Prof. Phoebe Koundouri at the SDSN Türkiye Members Conference 2025

On 21 May 2025, [Prof. Phoebe Koundouri](#) participated in the [SDSN Türkiye Members Conference](#) in Istanbul last week in her capacity as Chair of the SDSN Global Climate Hub and Co-Chair of SDSN Europe.

At the conference, Prof. Koundouri delivered a presentation on “Integrated Climate Modelling: Pathways to Climate Neutrality and Resilience,” emphasizing the critical role of science-driven policy in advancing a sustainable future.



## AE4RIA at the Regional Growth Conference 2025 – Highlights from a Week of Impactful Dialogue

This week (12–14 May 2025), **AE4RIA** researchers from **Resees AUEB** and **ATHENA RC** participated in the **Regional Growth Conference 2025**, discussing **sustainable regional development, climate resilience, and the green transition**.

**Dr. Theofanis Zacharatos, Dr. Theo Benos, and Dr. Foivos Papadimitriou** presented on **Agroforestry Land Use and Natural Landscapes**, highlighting **nature-based solutions and integrated policy tools** for inclusive, resilient development.

[Learn more](#)





### **Co-Creating the Future of the Alonissos-Northern Sporades Marine Park: Highlights from Our Second Participatory Workshop**

On **19 May**, we held our **second participatory workshop** on the Alonissos-Northern Sporades Marine Park, bringing stakeholders together to co-create a vision and discuss socioeconomic insights.

**Dr. Conrad Landis** and **Lydia Papadaki** presented ongoing analyses, while participants validated valuation attributes, co-developed a shared vision, and discussed the entrance fee system, with **Irini Afentouli** sharing global best practices. [Learn more](#)

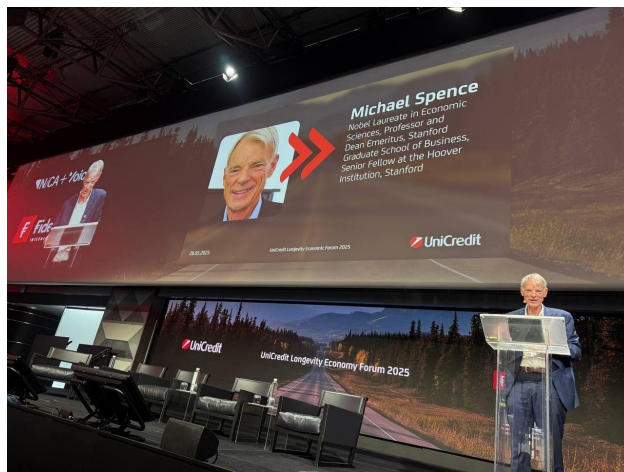


### **Prof. Phoebe Koundouri at the UniCredit Longevity Economic Forum 2025**

On **28 May 2025**, Prof. Phoebe Koundouri spoke at the **UniCredit Longevity Economic Forum** in Milan alongside Nobel Laureates **Robert C. Merton** and **Michael Spence**.

Her talk, **“SDGs-Based Transformation to Support Longevity,”** highlighted how the **Sustainable Development Goals (SDGs)** can guide policies for longer, healthier, and more inclusive lives,

showing strong links between SDG progress and longevity outcomes across the EU-27. [Learn more.](#)



## NatCat Summit on the Far-Reaching Impacts of Natural Catastrophes at the Megaron Athens International Conference Centre

On 29 May 2025, Prof. Dr. Phoebe Koundouri spoke at the **NatCat Summit** in Athens on the **environmental, social, and economic impacts of natural catastrophes**. She highlighted the need for **integrated, strategic approaches to resilience**, shared insights from the **Global Climate**

**Hub**, and emphasized the role of **research, innovation, and private sector engagement** in tackling climate risks.

The session featured a distinguished panel and was moderated by **Evgenia Tzortzi**. [Learn more](#)



## Dr. Benos Represents AE4RIA at the Inaugural “Delphi Forum Slemani”

On 18–19 May, Dr. Theo Benos represented AE4RIA at the inaugural Delphi Forum Slemani in Sulaymaniyah, Iraq. In the session “Diplomatic and Economic Alliances: The Path Forward”, he discussed **climate-resilient agriculture, EU-Iraq trade opportunities, and “Oil for Soil” initiatives**, highlighting alignment with the **EU Soil Strategy 2030**. [Learn more](#)



## Keynote by Prof. Phoebe Koundouri at the University of Florence’s International Conference on the Manifesto for a New Economy

On 5–6 June, Prof. Phoebe Koundouri delivered a keynote at the **2nd International Conference – Renaissance in Economics** (Università di Firenze) for **World Environment Day**. She highlighted **AE4RIA’s work supporting the Manifesto for a New Economy**, addressing **climate neutrality, sustainable oceans, the water–food–energy–biodiversity nexus, and social justice**, emphasizing integrated solutions for a **just and sustainable transition**. [Learn more](#)



## Workshop on Sustainability in the Agri-Food Sector

On **28 May**, the **EPIGIS V workshop** at Ilis Congress Center brought together students, academics, and agri-food stakeholders to discuss **sustainability challenges and solutions**.

**AE4RIA** researchers **Dr. Theofanis Zacharatos** and **Maria Chourdaki** led sessions, highlighting **innovation, interdisciplinary research, and collaboration** for a **green transition in the agri-food sector**. [Learn more.](#)





## Hydrogen Corridors and the Future of Energy: Prof. Koundouri Speaks at Key Regional Summit

On **18 June 2025**, Prof. Phoebe Koundouri spoke at the **Energy Transition Summit: East Med & Southeast Europe**, co-hosted by the *Financial Times* and *Kathimerini* in Athens.

In the panel **“Scaling Green Hydrogen Production and Usage”**, she highlighted findings from her recent *Applied Energy* study, showing that **hydrogen export corridors from Greece and the Balkans to Central Europe could be cost-competitive by the early 2030s**.

She stressed the region’s potential to become a **major hydrogen exporter**, provided there is bold investment in infrastructure and continued innovation to drive down costs and boost domestic demand. [Learn more.](#)



From the One Ocean Science congress to the UN Ocean Conference, from science to policy, 2 weeks of momentum for the Ocean in Nice, France.

AE4RIA actively engaged at **UNOC3 in Nice**, showcasing work on sustainable blue economy (BRIDGE-BS), zero-emissions shipping (GCH tool), maritime skills, and MPA conservation. The conference advanced global ocean commitments, with highlights including the launch of the **EU Ocean Pact**, the **Digital Twin of the Ocean**, and key discussions on **blue finance** to drive marine sustainability. [Learn more](#)

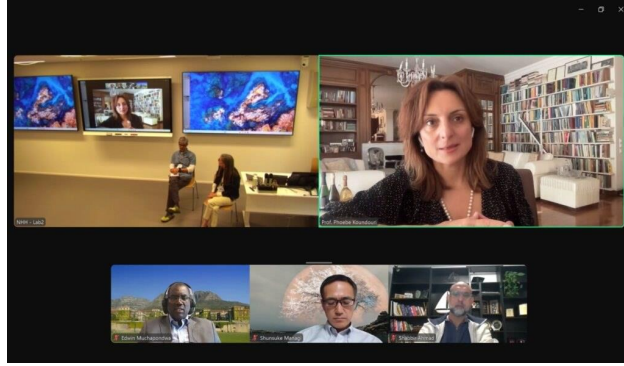


## Global Perspectives on Critical Minerals and a Just Clean Energy Transition

**Prof. Phoebe Koundouri**, together with **Prof. Simone Borghesi** (EAERE President), co-chaired a WCEREA session on “Critical Minerals and the Just Clean Energy Transition.”

Scholars from **five continents** shared insights on ensuring justice, equity, and sustainability in the clean energy race.

WCEREA, chaired by Prof. Koundouri, coordinates global collaboration and the upcoming **WCERE 2026 in Lisbon (29 June–3 July 2026)**. [Learn more](#)



## Third Participatory Workshop Advances Vision Validation and Co-Development of Sustainable Pricing and Action Plans for Zone A of the Marine Park

### June 19 | Third Participatory Workshop

Under the theme *“Vision Validation and Collaborative Development of Pricing Models and Action Plans,”* participants assessed entrance policies in Zone A of the Marine Park, co-developed fair pricing models, and drafted an action plan.

Guided by **Dr. Theodore Daglis**, with contributions from **Lydia Papadaki** and **Eirini Afentouli**, the workshop emphasized participatory governance and local community engagement for the Park’s sustainable future.







## AE4RIA at the 2nd International Conference: LEADING AND MANAGING IN THE DIGITAL ERA

**AE4RIA at the 2nd International Conference: Leading and Managing in the Digital Era (June 13–17, 2025)**

AE4RIA joined key discussions on AI, data, and sustainability. **Prof. Phoebe Koundouri** chaired a session on AI for climate and resource management, while **Dr. Georgios Feretzakis** presented research on integrating human security into EU Green Deal policies. [Learn more](#)





## AE4RIA at London Climate Action Week 2025 (21–29 June 2025)

Dr. Anna Triantafyllidou and Dr. Ioannis Arampatzidis represented Prof. Phoebe Koundouri at London Climate Action Week 2025 (21–29 June), presenting AE4RIA and SDSN Global Climate Hub work and contributing to discussions on climate action and governance with 30+ council representatives from 16 ICCN member councils. [Learn more](#)



## Professor Phoebe Koundouri Hosts Visit of H.E. Laurence Auer at Athena Research Center

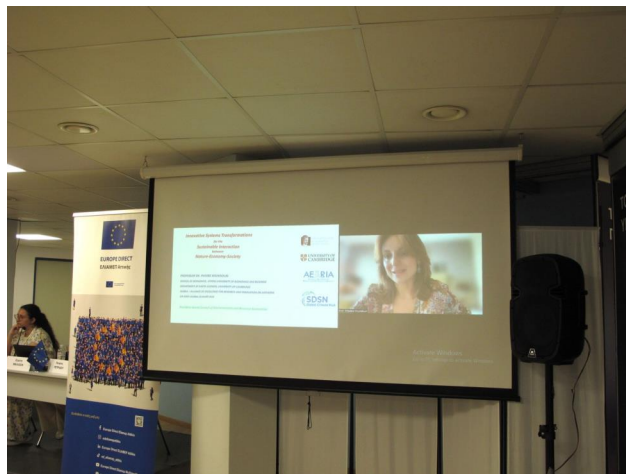
**Prof. Phoebe Koundouri**, Head of the Sustainable Development Unit at **Athena Research Center**, hosted **French Ambassador Laurence Auer**, presenting the Unit's **interdisciplinary research** on sustainability and its work with **AE4RIA**. She also introduced the **SDSN Global Climate Hub**, which she chairs, highlighting its role in **system-level solutions for climate neutrality and resilience**. [Learn more](#)



### **Keynote Address by Professor Phoebe Koundouri on the Green Transition and European Competitiveness**

**Prof. Phoebe Koundouri** delivered a keynote at “**The Clock is Ticking Green**” organized by EU Youth Hub and Europe Direct ELIAMEP Attikis, highlighting the **urgency of the green transition** for a **competitive, clean, and circular European economy**. She showcased **AE4RIA’s interdisciplinary work** supporting clean energy, circular economy, and sustainable competitiveness, and praised efforts to engage youth in shaping Europe’s sustainable future.

[Learn more](#)



## Advancing Global Climate Innovation: AE4RIA at the 14th Systemic Innovation Workshop

**Dr. Conrad Landis** and **Ms. Lydia Papadaki** (AUEB) participated in the **14th Systemic Innovation Workshop** in Pohang, Korea (3–4 July 2025), while **Prof. Phoebe Koundouri** delivered a keynote on **integrated basin-scale water modeling**.

The workshop focused on **carbon-neutral urban transitions**, covering steel decarbonization, green mobility, and decentralized energy. Landis and Papadaki contributed expertise on **climate-aligned transitions and collaborative innovation**, informing initiatives to be showcased at **COP30**. [Learn more](#)



## July Meeting at the Pontifical Academy of Social Sciences

On **28 July 2025**, the **Pontifical Academy of Social Sciences**, led by **Prof. Jeffrey Sachs** under the *Fraternal Economy Program*, convened global leaders to call for renewed **ethical multilateralism**. The final statement outlines a shared vision for peace, justice, and sustainability rooted in solidarity and the common good. [Learn more.](#)

2025

Statement | 18 July 

## Final Statement of the Workshop on the New Ethical Multilateralism

Program on the Fraternal Economy of Integral and Sustainable Development



Photo: Gabriella C. Marino

### World Academy of Art and Science (WAAS) @65 Conference

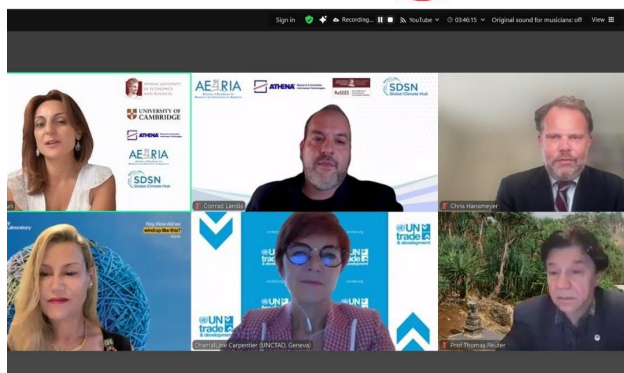
#### Day 1 of the World Academy of Art and Science (WAAS) @65 Conference: Advancing Global Solutions for the UN Sustainable Development Goals

#### WAAS@65 Conference – Opening Panel on SDGs

On **21 July 2025**, Prof. **Phoebe Koundouri** moderated the WAAS@65 opening panel “*Global Solutions to Raise the World’s Platform – The UN SDGs.*”

She stressed the urgency of collective action, noting that only **17% of SDG targets** are on track (2025 Sustainable Development Report). Prof. Koundouri also showcased systemic transformation models from **AE4RIA** and the **SDSN Global Climate Hub**, offering integrated pathways to climate neutrality and SDG-aligned development.

Panelists included **Christian Hansmeyer (Force for Good)**, **Dr. Chantal Line Carpentier (UNCTAD)**, **Amanda Ellis (ASU Global Futures Lab)**, and **Prof. Dr. Thomas Reuter (University of Melbourne)**. [Learn more](#)

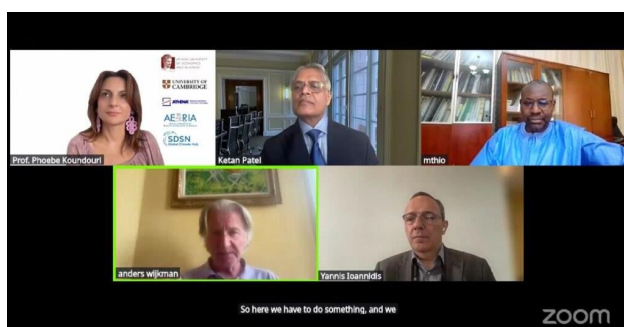


## Day 2 of the World Academy of Art and Science (WAAS@65) Conference

### WAAS@65 – Panel on Climate Change

On **22 July 2025**, Prof. **Phoebe Koundouri** chaired Panel 6A: *“Planetary Consensus for Addressing the Challenges of Climate Change”* at WAAS@65. She presented the **SDSN Global Climate Hub’s** integrated pathways for halving emissions by 2030 and achieving net-zero by 2050.

The panel explored climate strategies in the context of biodiversity loss, inequality, and global economic challenges, featuring experts like **Yannis Ioannidis (ACM)**, **Ketan Patel (Force for Good)**, **Anders Wijkman (Club of Rome)**, and **Massamba Thioye (UNFCCC Global Innovation Hub)**. [Learn more](#)

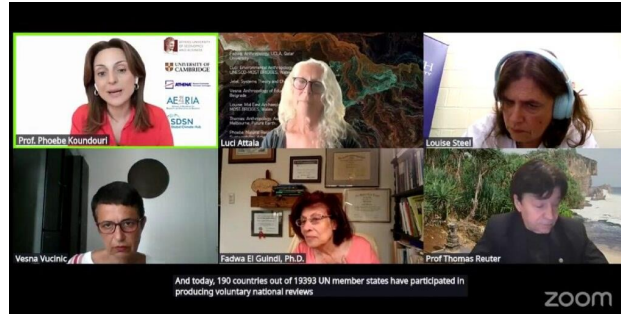


## Prof. Phoebe Koundouri Speaks at WAAS@65 Conference – Day 3 World Academy of Art and Science

### WAAS@65 – War and Peace Panel

On **23 July 2025**, Prof. **Phoebe Koundouri** spoke at the interdisciplinary panel “*War and Peace – Issues of Thought and Analysis*”, moderated by **Dr. Luci Attala** and **Prof. Fadwa El Guindi**. She highlighted the need for systems transformation to address interconnected crises—geopolitical conflict, inequality, climate change, and biodiversity loss—ensuring sustainable interaction between society and nature.

Panelists included **Prof. Jeel Ezzine**, **Prof. Louise Steel**, **Prof. Vesna Vucinic**, and **Prof. Dr. Thomas Reuter**. [Learn more.](#)



### Day 3 of the World Academy of Art and Science (WAAS@65) Conference

#### WAAS@65 – Job Security & Economic Inequality Panel

On **23 July 2025**, Prof. **Phoebe Koundouri** moderated the session “*Strategies to Address Job Security and Economic Inequality*” at WAAS@65. She highlighted the threats of growing job insecurity, widening inequality, and AI-driven disruption, calling for inclusive policies and sustainable labour markets aligned with **SDG 8**.

Panelists included **Prof. Grigoris Zarotiadis**, **Prof. Randall Wray**, **Azita Berar**, and **Dr. Daljeet Singh Gahle**, who discussed cooperative labour policies, full employment, technology governance, and shared responsibilities in reducing inequality. [Learn more](#)

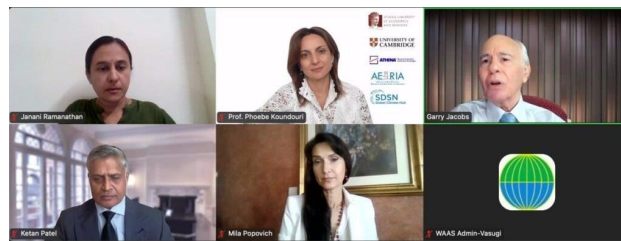


## Prof. Phoebe Koundouri Contributes to the Closing Plenary Session of the WAAS @65 Conference

### WAAS@65 – Closing Plenary

On **24 July 2025**, Prof. **Phoebe Koundouri** spoke at the WAAS@65 Closing Plenary, emphasizing the SDGs as a science-based roadmap to tackle interconnected climate, ecological, social, and economic crises. She highlighted global disparities, fiscal constraints in low-income countries, and the urgent need to reform the Global Financial Architecture to channel \$30 trillion toward emerging economies.

Prof. Koundouri also noted the **Seville Commitment** from FFD4 as a framework for consensus-driven global financial reform. The session was moderated by **Janani Ramanathan** and featured **Ketan Patel**, **Mila Popovich**, and **Garry Jacobs**. [Learn more](#)

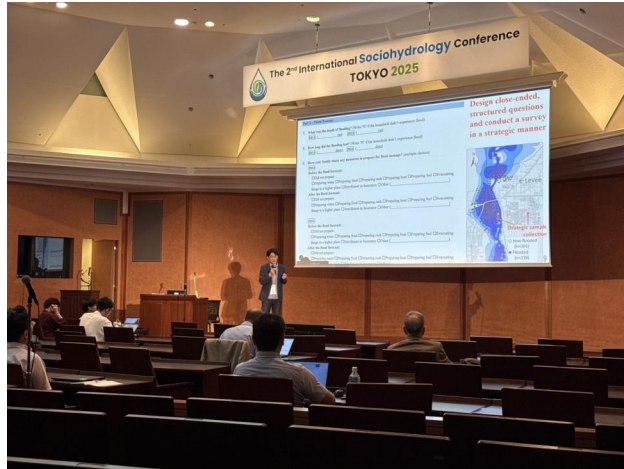


### Presentation at the 2nd International Sociohydrology Conference, Tokyo

On **21 July**, **Lydia Papadaki** presented at the **2nd International Sociohydrology Conference** in Tokyo, sharing research from the **ERC Water Futures project** on *“Integrating Living Laboratories and Experimental Economics in Water Resource Management.”*

Co-authored with **Dr. Ebum Akinsete**, **Alina Velias**, **Lazaros-Antonios Chatzilazarou**, and **Prof. Phoebe Koundouri**, the study highlights how **Living Labs and behavioral experiments** can strengthen participatory water governance. [Learn more.](#)





### Regional Green Economy Forum (RGEF) 2025 | Tangier, Morocco

At the **Regional Green Economy Forum (RGEF) 2025** in Tangier (24–25 July), **AE4RIA** was represented by **Dr. Ioannis Arampatzidis** and **Dr. Anni Triantafyllidou** in two high-level panels.

Dr. Arampatzidis shared insights from the **SDSN Global Climate Hub** on Europe’s climate neutrality pathways, while Dr. Triantafyllidou highlighted strategies for **financing the green transition**.

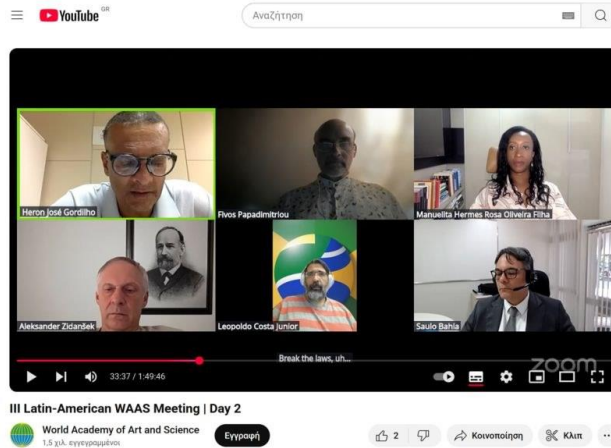
Their contributions reinforced AE4RIA’s role in advancing **sustainable urban transformation** and **science-based policy for climate-neutral cities**. [Learn more.](#)





### **AE4RIA at the III Latin American WAAS Meeting**

On 11-13 August 2025, Senior Researcher [Fivos Papadimitriou](#) of [AE4RIA – Alliance of Excellence for Research and Innovation on Aephoria](#) – delivered an online presentation representing [Professor Dr. Phoebe Koundouri](#). His presentation, titled “AI Regulation, the AGI Challenge and the Road to ASI” at the III Latin American WAAS Meeting “Democracy, Artificial Intelligence and Global Economy” organised by the [World Academy of Art and Science](#).



## AE4RIA Showcases Research on Green Transition and Smart Specialization at ERSA 2025 in Athens

AE4RIA participated in the **64th ERSA Conference** (26–29 Aug, Athens), where **Dr. Anni Triantafyllidou** presented research on *“Green Transition and Smart Specialization: Leveraging Attica’s Technological Capabilities for Climate Change Adaptation”* (with **Prof. Phoebe Koundouri**, **Dr. Konstantinos Dellis**, and **Maria Chourdaki**).

The study, building on the **JRC Partnerships for Regional Innovation**, highlights how Attica can align its innovation ecosystem with climate adaptation goals through smart specialization, patent analysis, and strengthened regional collaboration. [Learn more.](#)

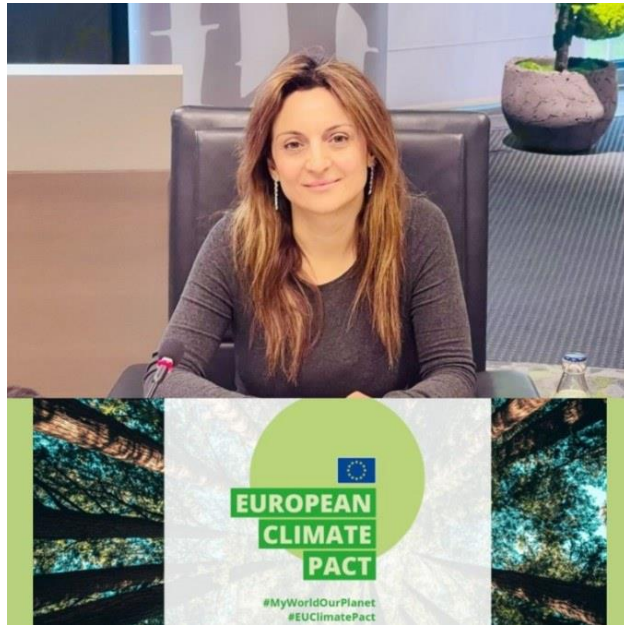


## AE4RIA at XVIII EAAE Congress 2025: Advancing Research on Sustainable AgriFood Systems

On August 26–29, 2025, Prof. Ruslana Rachel Palatnik (AE4RIA) spoke at the XVIII EAAE Congress in Bonn, presenting her research on microalgae-based  $\beta$ -carotene in the session on Environmental Challenges in AgriFood Systems. [Learn more.](#)



## MASS MEDIA & PUBLIC PRESS



[Prof. Phoebe Koundouri's](#) article as a European Climate Pact Ambassador on **Nutritional Systems in Greece: Achieving Climate, Biodiversity, and Food Security Goals**. Discover the intricate connections between food systems and climate change, and explore the challenges Greece faces in environmental sustainability. [Read the article in Greek here](#)



On the occasion of the **International Day of Women and Girls in Science**, [Prof. Phoebe Koundouri](#) shared her interview with [Queen.gr](#). She highlights the challenges women researchers still face in STEM and stresses that true gender equality in science is yet to be

achieved. Prof. Koundouri calls on women scientists to focus on their vision with passion and determination, leaving aside academic and other micro-politics.

[Read the full interview \(in Greek\)](#)



[Prof. Phoebe Koundouri](#) was interviewed by Filis Kaitatzis in **Paraskinio Newspaper** on tackling climate change. She highlights the need for a just transition that protects vulnerable groups, addresses energy poverty, and promotes upskilling and reskilling to ensure an inclusive distribution of the benefits of the energy transition.

[Read the interview here](#)

919 ΠΑΡΑΣΚΕΥΗ 21.03.25

**INDUSTRY**

**Κλιματική αλλαγή και υδρολογικός κύκλος: Ο διπλός κίνδυνος ξηρασίας και πλημμυρών**

**Η** κλιματική αλλαγή επηρεάζει σοβαρές επιπτώσεις στον υδρολογικό κύκλο, ενισχύοντας φαινόμενα όπως οι ξηρασίες και οι πλημμυρές. Η σύνδεση αυτών των φαινομένων συνιστά έναν συνδυαστικό κίνδυνο, καθώς οι αλλαγές στις θερμοκρασίες και στις βροχοπτώσεις προκαλούν ακραία καιρικά φαινόμενα με αυξανόμενη συχνότητα και ένταση. Τα κλιματικά μοντέλα προβλέπουν αύξηση της θερμοκρασίας και μείωση της συχνότητας των βροχοπτώσεων, οδηγώντας σε παρατεταμένες ξηρασίες που καθιστούν το έδαφος σκληρό και λιγότερο απορροφητικό. Όταν τελικά πέσουν μεγάλες ποσότητες βροχής, το νερό δεν απορροφάται αποτελεσματικά, προκαλώντας έρπονές πλημμυρές και εκτεταμένες καταστροφές. Επιπλέον, η μειωμένη ροή ποταμών και ρυακίων λόγω ξηρασίας υποσκαπίζει ιζήματα στις κοίτες, αυξάνοντας τον κίνδυνο πλημμυρών. Ταυτόχρονα, η αυξημένη ατμοσφαιρική υγρασία μπορεί να οδηγήσει σε έντονες βροχοπτώσεις, ενώ η επαχθυμένη εξάτμιση επιδεινώνει την ένταση των βροχοπτώσεων, δημιουργώντας καταστάσεις που ευνοούν καταστροφικές πλημμυρές. Τα παραδείγματα από την Καλιφόρνια, την Αυστραλία, την κεντρική Ευρώπη και την Ελλάδα αποδεικνύουν την άμεση σχέση της κλιματικής αλλαγής με αυτά τα ακραία φαινόμενα, καθώς οι επιπτώσεις τους γίνονται όλο και πιο έντονες σε παγκόσμιο επίπεδο.

**Βιώσιμες προσεγγίσεις**  
Η προστασία από τέτοιους κινδύνους απαιτεί μια πολυδιάστατη στρατηγική. Η χρήση συστημάτων έγκαιρης προειδοποίησης (Early Warning Systems) επιτρέπει την πρόληψη πλημμυρών, συχνά μέσω χωρίστων δίκτυων χρέων για προληπτικά μέτρα και μειώνοντας τις επιπτώσεις τους. Εξίσου σημαντική είναι η χαρτογράφηση των περιοχών και εφίερμων ριζμάτων (RES), ώστε να αποτραπεί η ακούσια ή άμεση σε επικίνδυνες περιοχές. Η ορθολογική διαχείριση των έργων υποδομής είναι κρίσιμη. Η μετακίνηση

μπορούν να συμβάλουν στη μείωση της απροβλεψιμότητας και της διάβρωσης. Παρόλληλα, πρέπει να υπονομιούνται ή κατασκευάζονται σε περιοχές υψηλού πλημμυρικού κινδύνου, κάτι που συχνά αγνοείται στην Ελλάδα, με ολέθριες συνέπειες για τις υποδομές και τις τοπικές κοινότητες. Οι φυσικές λύσεις (Nature-Based Solutions - NBS) προσφέρουν μια βιώσιμη προσέγγιση στην αντιμετώπιση της κλιματικής αλλαγής. Έργα όπως η αποκατάσταση παράχθινων εκτάσεων, η δημιουργία υγρασιών και η κατασκευή συστημάτων βιώσιμης αποστράγγισης στις πόλεις (SUDS) μπορούν να μειώσουν τις επιπτώσεις των ακραίων φαινομένων. Παρόλληλα, η επένδυση σε μακροχρόνια έργα μπορεί να μειώσει το κόστος των καταστροφών. Έχει υπολογιστεί ότι το κόστος προστασίας είναι μόλις το 18% του κόστους των ζημιών που προκαλεί μια πλημμύρα, γεγονός που υπογραμμίζει την ανάγκη επενδύσεων σε προληπτικές δράσεις. Το κεντρικό έδαφος ΑΕ4RIA, υπό τη διεύθυνση της Κοβ. Φ. Κουντούρη, εργάζεται πάνω σε τέτοιες λύσεις, συμπεριλαμβανομένης της ανάπτυξης του Smart Water Futures, που χρηματοδοτείται από το Ευρωπαϊκό Σύμφωνο Εργασίας Μέσα από διεπιστημονική έρευνα και συνεργασίες, επιδιώκοντας την ανάπτυξη ανθεκτικών και καινοτόμων στρατηγιών για την αντιμετώπιση των προκλήσεων που φέρνει η κλιματική αλλαγή και των σύνθετων επιπτώσεών της.

\* Ολόκληρο το άρθρο θα δημοσιευτεί στο τ. Μαρτίου του Manufacturing.

**Φοίβη Κουντούρη, School of Economics, Athens University of Economics and Business, Sustainable Development Unit | Athena Research Center, Department of Technology, Management and Economics | Denmark Technical University (DTU)**

**Άγγελος Αλαμάνος, Senior Editor, Nature Sustainability, Springer Nature, Heidelberg**

αναζητήματα για την αποκατάσταση των φυσικών πλημμυρικών πεδίων, η εμφάνιση των κοπύων για αύξηση της παραγωγικής κινότητας και η βιώσιμη διαχείριση της γης μέσω αναδασώσεως και έξυπνων γεωργικών πρακτικών

BOUSSIAS MEDIA 6

Prof. Phoebe Koundouri and Dr. Angelos Alamanos co-authored an article in the special edition of *Manufacturing Industry for World Water Day* (March 22), examining strategies to address the “climate change – droughts – floods” cycle.

[Read it here](#)

**Φοίβη Κουντούρη**  
#ΚΑΘΗΓΗΤΡΙΑ ΟΙΚΟΝΟΜΙΚΟΥ ΠΑΝΕΠΙΣΤΗΜΙΟΥ ΑΘΗΝΩΝ

**ON POLITICS** ΟΙ ΔΑΣΜΟΙ ΤΡΑΜΠ ΠΡΟΚΑΛΟΥΝ ΑΝΑΤΑΡΑΞΕΙΣ ΣΤΗΝ ΠΑΓΚΟΣΜΙΑ ΟΙΚΟΝΟΜΙΑ

Prof. Phoebe Koundouri spoke on *Naftemporiki TV* about the impact of President Trump’s tariffs on domestic industry, consumers, and the global economy. She highlighted risks for major exporters, the threat to renewable energy, and the wider consequences for sustainable development. [Watch the interview here](#)





**Prof. Phoebe Koundouri**, in an interview with **NAFTEMPORIKI**, discussed Greece’s primary budget surplus as a key indicator of economic health and a step toward attracting foreign investment. She emphasized the need for balanced fiscal policy, noting that surpluses driven by inflation and high VAT require careful evaluation, and any VAT reduction must be sustainable to ensure long-term growth and investor confidence.

**Πράσινος Φάκελος**

## ΗΠΑ και Κίνα: Οι δύο μεγαλύτεροι ρυπαντές

*Υπό τη σκιά εμπορικών πολέμων και περιβαλλοντικών οπισθοδρομήσεων*

**Tns Eirínns Zachariádn**

**ΑΘΗΝΑ** (Γραφείο Εθνικού Κήρυκα). Ηνωμένες Πολιτείες και Κίνα έχουν βρεθεί το τελευταίο διάστημα στο προσκήνιο με αφορμή τον εν εξελίξει μεταξύ



ΠΑΡΑΧΩΡΗΣΗ ΤΗΣ ΙΔΙΑΣ  
Η Φοίβη Κουντούρη.

τους εμπορικό πόλεμο. Οι δυνητικές περιβαλλοντικές επιπτώσεις του προκείμενου ανταγωνισμού μεταξύ των δύο μεγαλύτερων ρυπαντών του πλανήτη καθώς και οι λοιπές προκλίψεις από τη στάση τους προκλήσεις και ευκαιρίες για το κλίμα απασχόλησαν συνέντευξη που παραχώρησε στον «Εθνικό Κήρυκα» η καθηγήτρια Φοίβη Κουντούρη. Η κ. Κουντούρη είναι καθηγήτρια Οικονομικού Πανεπιστημίου Αθηνών και Πολυτεχνείου της Δανίας, πρόεδρος του Παγκόσμιου Συμβουλίου Ενώσεων Οικονομολόγων Περιβάλλοντος και Φυσικών Πόρων, πρόεδρος του Παγκόσμιου Κόμβου Κλίματος του Δικτύου Λύσεων Βιώσιμης Ανάπτυξης του ΟΗΕ και συμπρόεδρος του Ευρωπαϊκού κόμβου, διευθύντρια του Δι-

**Prof. Phoebe Koundouri** is featured in the **National Herald of New York (Ethnikos Kirikas & The National Herald Inc.)**, discussing the global environmental stakes of the ongoing U.S.–China rivalry — the world’s two largest polluters.

In the interview, she examines how the policy choices of these nations shape the future of our planet, highlighting the importance of science-based decision-making, regenerative economic

models, and green innovation. Prof. Koundouri also discusses the work of **AE4RIA – the Alliance of Excellence for Research and Innovation on Aephoria** and the **UN SDSN Global Climate Hub** in supporting ambitious, data-driven climate policy.

[Read the full interview \(in Greek\)](#)



On 07 June 2025, [Prof. Phoebe Koundouri](#) was featured in an interview on **ANT1's** program *"Brave New Greece"* with [journalist Pepi Tyligadi](#). The full interview is available to watch [here](#).

During the discussion, Prof. Koundouri emphasized that the circular economy is not only an environmental necessity but also a strategic economic priority. She highlighted its critical role in generating long-term value for countries, businesses, and citizens alike.

**INDUSTRY**  **970**  
**ΠΕΜΠΤΗ 05.06.24**

**Δρ. Φοίβη Κουντούρη**, Καθηγήτρια ΟΠΑ και University of Cambridge

## Ενιαία δράση και ολιστικές στρατηγικές για την κλιματική κρίση, με στόχο την ανθεκτικότητα



**Η** Ελλάδα έχει θέσει φιλόδοξους πολιτικούς στόχους κλιματικής ουδετερότητας για το 2050. Ωστόσο, ο ανεπαρκής συντονισμός μεταξύ τομέων ενέργειας, αγροτικής παραγωγής και διαχείρισης υδατικών πόρων απειλεί να υπονομεύσει την αποτελεσματικότητα της βιώσιμης μετάβασης. Αυτό το Policy Brief παρουσιάζει μερικά από τα κύρια ευρήματα σχετικών μας ερευνών, και υπογραμμίζει την ανάγκη για ολοκληρωμένη και διατομεακή προσέγγιση για την έγκαιρη επίτευξη των στόχων.

Η βιώσιμη μετάβαση, η επίτευξη κλιματικής ουδετερότητας και μείωση εκπομπών αερίων του θερμοκηπίου απαιτούν την ταυτόχρονη προσαρμογή και μεταρρύθμιση των βασικών τομέων/συστημάτων της χώρας. Δηλαδή, της ενέργειας (όλων των τομέων, π.χ. αστική, βιομηχανία, μεταφορές, κλπ.), των χρήσεων γης και της αγροτικής παραγωγής, αλλά και των φυσικών, οικονομικών και ανθρώπινων πόρων που απαιτούνται. Οι βασικές αλλαγές που στοχεύει η χώρα εκκραίνονται

μέσα από το Εθνικό Σχέδιο για την Ενέργεια και το Κλίμα (ΕΣΕΚ), αλλά και άλλες πολιτικές, όπως η Κοινή Αγροτική Πολιτική (ΚΑΠ). Ο συντονισμός μεταξύ αυτών των βασικών τομέων της ελληνικής οικονομίας (ενέργεια, γεωργία, και φυσικοί πόροι, όπως νερό, γη) θα είναι κλειδί για την επίτευξη των στόχων κλιματικής ουδετερότητας.

Οι έρευνές μας έχουν προσεγγίσει το ζήτημα με μαθηματικά μοντέλα προσομοίωσης των συστημάτων ενέργειας, φαγητού, γης, νερού, καθώς και των βασικών πολιτικών που εκκράζουν τους αντίστοιχους στόχους. Τα κύρια ευρήματα συνοψίζονται ως εξής:

**Απομονωμένες Πολιτικές:** Ενεργειακές, υδατικές και αγροτικές πολιτικές σχεδιάζονται και υλοποιούνται ξεχωριστά, χωρίς διατομεακό συντονισμό. Παρά τη νομοθετική δέσμευση για μείωση εκπομπών κατά 55% έως το 2030 και κλιματική ουδετερότητα έως το 2050, η Ελλάδα παρουσιάζει αποσπασματική προσέγγιση σε συστήματα που εκ φύσιν αλληλεπιδρούν.

**Ενεργειακός Τομέας:** Το ΕΣΕΚ προβλέπει στροφή σε ΑΠΕ, αλλά δεν λαμβάνει υπόψη ανάγκες γης (ήλιακα, αιολικά πάρκα) και πιθανή αυξημένη κατανάλωση νερού.

**Γεωργία:** Η ΚΑΠ προωθεί παραγωγικότητα και αποδοτικότητα, αλλά δεν θεσπίζει σαφή μέτρα απολιγνιτοποίησης ή διαχείρισης νερού και ενέργειας.

**Διαχείριση Νερού:** Καθυστερήσεις και ελλιπής εφαρμογή Σχεδίων Διαχείρισης Λεκανών Απορροής και Σχεδίων Διαχείρισης Κινδύνων Πλημμύρας αυξάνουν την ευαλωτότητα σε λειψυδρία και ακραία φαινόμενα.

**Συστημική Αποτυχία:** Η έλλειψη ενιαίας στρατηγικής δημιουργεί αντικρουόμενες παρεμβάσεις, χαμένες ευκαιρίες μείωσης εκπομπών και αποτελεσματικής διαχείρισης πόρων.

**Ανάγκη για ολοκληρωμένη και διατομεακή προσέγγιση**

**Διατομεακός Συντονισμός:** Δημιουργία ολοκληρωμένων βάσεων δεδομένων και συντονισμού για ενέργεια, γεωργία, ανάπτυξη και νερό υπό ενιαίο κυβερνητικό έλεγχο με επιστημονική καθοδήγηση.

**Ολιστική Στρατηγική:** Ενομοτύπωση απαιτήσεων γης και νερού, καθώς και οικονομικών αναλύσεων στο ΕΣΕΚ και στην ΚΑΠ με σαφείς δείκτες απόδοσης, οικονομικούς και φυσικούς περιориμοίς.

**Ενίσχυση Διακυβέρνησης Νερού:** Επίτρεψη έγκρισης και εφαρμογής των Σχεδίων Λεκανών Απορροής με ενομοτύπωση μέτρων εξοικονόμησης και προστασίας, και σαφή επικοινωνία με όλους τους επηρεαζόμενους τομείς για αποτελεσματικό σχεδιασμό τομεακών πολιτικών.

**Κινητήρα Τεχνολογικής Αναβάθμισης:** Χρηματοδότηση και επιδοτήσεις σε αγροτικές και ενεργειακές καινοτομίες που μειώνουν εκπομπές και κατανάλωση πόρων, στηρίζοντας περιβαλλοντικά-φιλική ανάπτυξη.

**Συμμετοχική Προσέγγιση:** Ενεργός εμπλοκή Τοπικής Αυτοδιοίκησης, πα-

**BOUSSIAS MEDIA** **19**

For World Environment Day, [INDUSTRY Manufacturing BOUSSIAS](#) features an article by [Prof. Phoebe Koundouri](#), titled “Unified Action and Holistic Strategies for the Climate Crisis.”

Prof. Koundouri presents findings on how fragmented policies in energy, agriculture, and water management undermine Greece’s 2050 climate goals. Her research emphasizes the need for coordinated, integrated strategies to support a sustainable and resilient transition.



ΠΕΡΙΒΑΛΛΟΝ

## Καθ. Φοίβη Κουντούρη: Η προσαρμογή στην κλιματική αλλαγή απαιτεί συστημικές προσεγγίσεις

Το τελευταίο χρόνο, η κλιματική αλλαγή μας θέτει αντιμέτωπους με σύνθετες και πολύ-παραγοντικές προκλήσεις, κυρίως αυτές σε συνθήκες ανόμοιου «νερού-φύσσης» μεταξύ άλλων. Η ανάγκη για νέες, πιο ολοκληρωμένες προσεγγίσεις στην ανάλυση και τη διαχείριση αυτών των συστημάτων είναι επείγουσα.

Σήμερα αντιμετωπίζουμε μια πληθώρα προκλήσεων, οι οποίες εννοούνται και περιλαμβάνονται από τις αλλαγές του κλίματος: η κλιματική αλλαγή η συνεπίδραση η σφοδρότητα εμφάνισης σεισμών και των οικονομικών, οικονομικών κρίσεων, οι ρυθμοί αύξησης πληθυσμού, πόρων και ενέργειας που επιτείνουν την κλιματική αλλαγή των φυσικών περιβαλλοντικών επιπτώσεων, οι συνέπειες στους τομείς μεταφορών, πληροφορικής και κλιματική, αναφέρονται σε ένα γενικώς απορθητικό σύμπλεγμα που επηρεάζει άμεσα το εσωτερικό κλίμα και φυσικό. Αυτό το σύμπλεγμα – ιδιαίτερα στις ελληνικές οικονομίες, αλληλεπιδρούν συνεχώς σε επίπεδο φυσικών, οικονομικών και ανθρωπίνων πόρων και προβάλλει με το κλίμα. Επομένως ο στόχος είναι να καταρτιστούν με πρόσημο, περιβαλλοντικά φιλική, οικονομικά αποδοτικά, ασφαλή, αλλαγές του κλίματος.

[Prof. Phoebe Koundouri](#) contributed to a special tribute on Green and Sustainable Development, curated by [Ypodomes.com](#) and supported by **INTERBETON – TITAN Group**.

In her article, she emphasizes the urgent need for systemic approaches to climate adaptation, particularly across the interconnected energy–water–food nexus.

[Read more here](#)



Prof. Phoebe Koundouri discusses the economic and environmental impact of the Middle East conflict on **Η ΝΑΥΤΕΜΠΟΡΙΚΗ | NAFTEMPORIKI TV** — and explains why the transition to sustainable energy is more urgent than ever.

[Watch the full discussion here](#)



Prof. Phoebe Koundouri, in a recent **Η ΝΑΥΤΕΜΠΟΡΙΚΗ | ΝΑΥΤΕΜΠΟΡΙΚΗ TV** interview, discussed the risks of potential U.S. tariffs on European goods and their effects on markets, investment, and inflation. She also highlighted the urgent \$2.5 trillion annual funding gap for achieving the SDGs and the need for integrated economic, social, and environmental progress.

Full interview (in Greek): [https://www.youtube.com/watch?v=4-BSh\\_Q8gA](https://www.youtube.com/watch?v=4-BSh_Q8gA)

**THE VOICE** ΕΞ ΕΠΩΝΥΜΩΝ

ΠΡΩΤΑΓΩΓΑΤΕΣ, ΜΕΤΗΝ ΕΝΕΡΓΕΙΑΚΗ ΑΓΟΡΑ ΝΑ ΒΡΙΣΚΕΤΑΙ ΣΤΟ ΕΠΙΚΕΝΤΡΟ ΤΩΝ ΑΝΑΤΑΡΑΞΩΝ

# Οι οικονομικές επιπτώσεις της κρίσης στη Μέση Ανατολή

**Ερώσι ο Φοίβη Κουνδούρη\***

**Οι πρόσφατες γεωπολιτικές εξελίξεις, ιδιαίτερα η σύγκρουση μεταξύ Ισραήλ και Ιράν, έχουν νέα επιπτώση σημαντικές οικονομικές επιπτώσεις παγκοσμίως. Οι συνέπειες αυτές γίνονται ιδιαίτερα αισθητές τόσο στην ελληνική όσο και στην ευρωπαϊκή οικονομία, αντανακλώντας τη βαθιά διασπαστική της ευρωπαϊκής περικοπής με τις παγκόσμιες αγορές.**

Οι επιπτώσεις αυτές είναι πολυδιάσπαστες, με την ενεργότατη αγορά να βρίσκεται σε εξέλιξη των ανεπιθύμητων. Η σημαντικότερη και πιο άμεση συνέπεια είναι η αύξηση των τιμών των ενέσιμων, ειδικά του αργού πετρελαίου, λόγω των εμπορικών τριβών από το Ισραήλ στο Ιράν. Η ενεργότατη αγορά είναι κερδοφόρα, καθώς από εκεί διαρρέει περίπου το ένα τρίτο της παγκόσμιας παραγωγής πετρελαίου. Μια διαταραχή ή ο αποκλεισμός των Σαντίν θα μπορούσε να εκτιναχθεί τα τιμή πετρελαίου ακόμη και πάνω από 100 δολάρια ανά βαρέλι, δημιουργώντας σοβαρά πληθωριστικά σκευτά για την Ευρώπη οι οποίες είναι ιδιαίτερα έντονες, δεδομένης της υψηλής εξάρτησης από ενεργειακά εισαγωγικά προϊόντα. Η αύξηση του ενεργειακού κόστους θα είναι επιβλαβής στη καθημερινότητα των ευρωπαϊκών νοικοκυριών αλλά και στην Ευρωπαϊκή Κοινωνική Ταξινόμηση, η οποία καλείται να απορροφήσει μεταξύ της ανάγκης μεταρρύθμισης του δημόσιου και της υποστήριξης μιας πιο ανταγωνιστικής οικονομίας. Η εξάρτηση αυτή επιβραδύνει επίσης το επένδυση κλίμα και ενδέχεται να επιβραδύνει τη μετάβαση προς οικονομίες χαμηλής ενέργειας, παρά τη πρόβλεψη της Ε.Ε. να επενδύσει τα πρώτα μέλη της.

Η Ελλάδα αντιμετωπίζει πρόσθετες προκλήσεις λόγω της δομής της οικονομίας της. Ο τομέας και η ναυτική, δύο ζωτικοί κλάδοι της ελληνικής οικονομίας, υφίστανται πιέ-

σεις από το αυξανόμενο κόστος καυσίμων και αυξημένα των μεταφορών. Σύμφωνα με το Reuters, οι ναυτιλιαστικές τιμές για τα πλοία που διενεργούν από το Ισραήλ στο Ιράν έχουν δεκάπλασει λόγω της σύγκρουσης Ισραήλ-Ιράν, με το πετρελαίο να είναι ακριβότερο από 0,5% σε σύγκριση με το 0,2-0,3% της προηγούμενης εβδομάδας. Παράλληλα, η αύξηση των τιμών ενέργειας αναδύει το κόστος παραγωγής, δημιουργώντας περαιτέρω πληθωριστικές πιέσεις και δυσκολεύοντας το ναυτιλιακό και τις επιχειρήσεις. Ειδικά σε μια περίοδο που η Ελλάδα προσηύχεται να αποτύχει δημονομολογική πορεία, οι αυξημένες οικονομικές πιέσεις μπορεί να επηρεάσουν την ανάπτυξη και να ενταχίσουν τη δημονομολογική προοπτική.

Επιπλέον, η κρίση του πετρελαίου είναι άμεσα η αποδυνάμωση του δολαρίου και των θετικών προβλεπών για την ευρωπαϊκή οικονομία, προσφέρει μια στενότερη προοπτική, καθώς μειώνει το κόστος των εισαγόμενων ενέσιμων που παραγωγούς του βόρειου Δοκίμου, κατά το «μειλίχρη» δεν μπορεί να απορροφήσει πλήρως τις επιπτώσεις από την ενδυνάμυνση περικοπής κλάδων της κρίσης.

Συνολικά, οι οικονομικές συνέπειες από τις πρόσφατες εξελίξεις στη Μέση Ανατολή τριών τον αυξημένη σημαντική επενδύσεων των επιχειρηματιών πλοίων και της οικονομίας υψηλής τεχνολογίας στην Ελλάδα όσο και της Ευρώπης. Εντός του νέου Πολυετούς Δημονομολογικού Πλαισίου της Ε.Ε. (2028-2034), στο οποίο δίνεται προτεραιότητα στην ενίσχυση της ανταγωνιστικότητας, της υφιστάμενης και της στρατηγικής αυτονομίας της Ευρώπης, είναι απαραίτητο να διασφαλιστεί στο πλαίσιο κλίμα ασφαλείας. Το κλίμα αυτό οφείλει να περιλαμβάνει ευρύτερες επιπτώσεις που διασφαλίζουν ότι οι αυξανόμενοι κίνδυνοι σε πολυκλιμακτικές κρίσεις, η ενεργότατη και η κλιμακτική κριση, εξισορροπούν την ανάπτυξη, την καινοτομία και τη συμμετοχική κερδοφορία πολιτών.

Σε αυτή την προσπάθεια, το Δίκτυο Alliance of Excellence for Research and Innovation on Airports (AEARA) που εδρεύει και διευθύνεται από τη Σχολή Οικονομικών Επιστημών, που ενώνει πανεπιστήμια και ερευνητικά κέντρα (Research Laboratory on Socio-Economic and Environmental Sustainability (RESSES) και Εργαστήριο Συστηματικής Μοντελοποίησης και Εφαρμογών στο Οικονομικό Πανεπιστήμιο Αθηνών, Μοναχό Βασιλείας Αυστρίας στο ΙΚ Αθήνα, ένα του επιστήμης-πολιτικής SDSN Europe, SDSN Greece, Water Europe, Neos Clubnet, έντασης κινήσεων Climate-KIC, MENA Maritime Accelerator, The Black Sea Accelerator, British Council) και επιστημονικά-επιχειρησιακά ενότητες (WAAS, Academia Europaea, European Academy of Sciences and Arts WCEB, EAERE). Με περισσότερους από 200, το AEARA προωθεί την εθελοντική και συστηματική συνεργασία υλοποίηση των Στόχων Βιώσιμης Ανάπτυξης, της Ευρωπαϊκής των Παρισίων και της Ευρωπαϊκής Πρότασης Στρατηγικής. Εστιασμένη να αλλάξει κλίμα ανάπτυξης σύνθετων κλίμα μέσα από κεντρικά προγράμματα κατάρτισης, ανάπτυξης δεξιοτήτων και προηγμένα εργαλεία υποστήριξης πολιτών και άλλων επαγγελματιών, όπως το Human Security for All, το JustRED, το MarTech Talent και το UN SDSN Environmental Social Governance Professional Course. Με τη συμβολή κερδοφόρων εκπαιδευτικών σφαιρών καινοτομίας και επιχειρηματικού κόσμου, το Δίκτυο AEARA προετοιμάζει κυβερνητικές, επιχειρησιακές και πολιτικές για να ανταποκριθεί στις προκλήσεις της στρατηγικής με βιώσιμη και συμπεριληπτικό τρόπο.

Στον άξονα της UN SDSN Global Climate Hub, που επίσης διευθύνει, δημιουργούνται κλάδοι Αρωμάτων Εθνικά και διεθνή σχέδια για τη σταθερή ή Αρωματική ανάπτυξη και ανθεκτικότητας, αξιοποιώντας καινοτόμα μεθοδολογίες, προηγμένα μοντέλα και συμμετοχικές διαδικασίες χάραξης πολιτικής, πάντα με επίκεντρο των ανθρώπων και τη βιώσιμη ανάπτυξη.

\*Καθηγήτρια Οικονομικού Πανεπιστημίου Αθηνών και Πανεπιστημίου του Μπέρκινχάμ, πρόεδρος του Παιδαγωγικού Κέντρου Κλίματος του Διεθνούς Ινστιτούτου Βιώσιμης Ανάπτυξης του ΟΗΕ.

**110** | Πέμπτη 28 Ιανουαρίου 2025  
www.voice.gr

Prof. Phoebe Koundouri’s latest article in **Voice Business & Politics News** examines the global economic impact of the Israel–Iran conflict, highlighting rising costs for Greece’s shipping and

tourism sectors. It also features **AE4RIA** and the **SDSN Global Climate Hub**, led by Prof. Koundouri, in advancing sustainable, science-based solutions.



Prof. Phoebe Koundouri's article in [OPA News](#), in collaboration with [TO BHMA](#), examines the Trump administration's tariff policy and its economic and social risks for the U.S. and global markets. She thanks her colleague Spyros Blavoukos for the editorial invitation and is honored to be featured alongside distinguished peers.

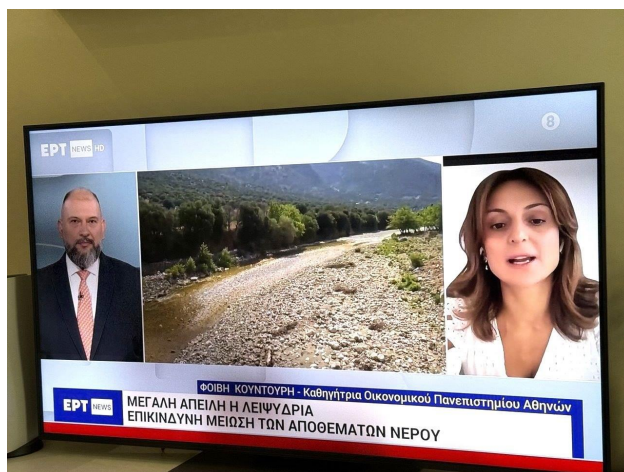
[Read the article here](#)



[Prof. Phoebe Koundouri](#) recently gave an interview to [Liberal – Φιλελεύθερος Εκδοτική Α.Ε.](#) on a challenging yet highly significant topic: U.S. tariffs and their wider economic implications.

She is grateful for the opportunity to contribute to public understanding of such a complex issue.

The full article is available [here](#)



On 26 July 2025, Prof. Phoebe Koundouri told [ERT News](#) that Greece’s recurring droughts and floods are worsened by climate change, degraded landscapes, and inadequate infrastructure. She stressed that scientific solutions exist, but political inaction hinders progress.

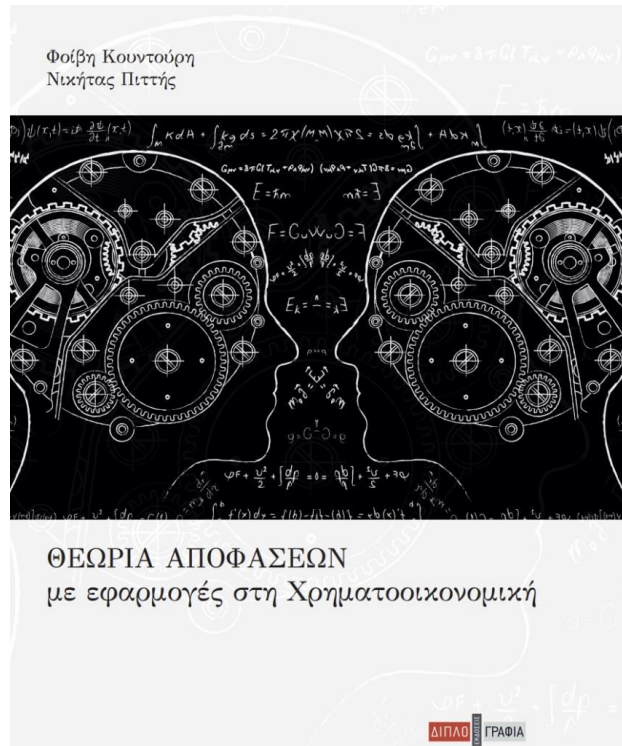
Her article for [360info](#), “[Running dry, then underwater: Greece’s path to building resilience against climate threats](#)”, explores these issues in depth.

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*For additional news and press coverage, please visit our website [here](#)*

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## SELECTED PUBLICATIONS



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### NEW BOOK:

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- **ΘΕΩΡΙΑ ΑΠΟΦΑΣΕΩΝ με Εφαρμογές στη Χρηματοοικονομική**, *edited by Phoebe Koundouri and Nikitas Pittis, Diplografia Publications*
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### Upcoming Books in 2025:

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CAMBRIDGE  
UNIVERSITY PRESS



Koundouri, P., Pittis, N., & Samartzis, P. (Eds.). (forthcoming). ***Uncertain evidence, probabilistic logic, and the limits of economic rationality***. Elements series in environmental and natural resources economics. Cambridge University Press.

Koundouri, P. (Ed.). (forthcoming). ***Elgar companion to the economics of the sustainable development goals***. Edward Elgar Publishing.

Lafortune, G., & Koundouri, P. (Eds.). (forthcoming). ***Elgar companion to Europe and the sustainable development goals***. Edward Elgar Publishing.

#### Peer Reviewed Articles

1. Borghesi, S., Koundouri, P., & Nøstbakken, L. (2025). [Undermining Academic Freedom and Environmental Research in the US: How European Institutions and Researchers can](#)

[Fill the Gap. \*Environmental and Resource Economics\*. <https://doi.org/10.1007/s10640-025-01024-7>](https://doi.org/10.1007/s10640-025-01024-7)

2. Alvisi S., Franchini M., Marsili V., Mazzoni F., Salomons E., Housh M., ... Zou J. (2025). [Battle of Water Demand Forecasting](#). *Journal of Water Resources Planning and Management*, 151(10), 04025049. doi:10.1061/JWRMD5.WRENG-6887
3. Daglis, T. (2025). [An analytical study of design market signals through online trends and stock price dynamics](#). *Decision Analytics Journal*, 100606. <https://doi.org/10.1016/j.dajour.2025.100606>
4. Zacharatos, T., & Theodoridis, P. (2025). [Consumer Behaviour and Food Waste in Greece: Insights from 2012 to 2024](#). *Encyclopedia* (Vol. 5, Issue 2, p. 42). MDPI AG. <https://doi.org/10.3390/encyclopedia5020042>
5. Benos, T., Sergaki, P., & Kalogeras, N. (2025). [When less is not more: Restraining internal opportunistic behavior in cooperatives](#). *Journal of Co-operative Organization and Management*, 13(1), 100260. <https://doi.org/10.1016/j.jcom.2025.100260>
6. Madsen, T., Kountouris, I., Bramstoft, R., Koundouri, P., Keles, D., [European or National-Level Emission Reduction Policy?-Effectiveness and Energy System implications](#). *Applied Energy*, Volume 388, 125672. <https://doi.org/10.1016/j.apenergy.2025.125672>
7. Koundouri, P., Aslanidis, P. S., Dellis, K., et al. (2025). [Mapping human security strategies to sustainable development goals: A machine learning approach](#). *Discover Sustainability*, 6, 96. <https://doi.org/10.1007/s43621-025-00883-w>
8. Seyhan, K., Dürrani, Ö., Papadaki, L., Akinsete, E., Atasaral, Ş., Özşeker, K., Akpınar, H., Kurtuluş, E., Mazlum, R. E., Koundouri, P., & Stanica, A. (2025). Bridging the gaps for a thriving Black Sea Blue Economy: Insights from a multi-sectoral forum of Turkish stakeholders. *Frontiers in Marine Science*, 12, 1491983. <https://doi.org/10.3389/fmars.2025.1491983>



## Policy Reports

1. Koundouri P., Alamanos A., Arampatzidis I., Devves S., Deranian C., Pliakou, T. (2025). **An integrated assessment of the European National Commitments for climate neutrality. Report, UN SDSN Global Climate Hub.** June 2025, Athens, Greece. Available [here](#)
2. Koundouri P., Alamanos A., Arampatzidis I., Devves S., Dellis K., Deranian C., Nisiforou O. (2025). **Climate Neutrality Pathways for Greece: Integrated Assessment and Decision Support Tool. Report, UN SDSN Global Climate Hub.** June 2025, Athens, Greece. Available [here](#)
3. Koundouri P, Alamanos A, Papaioannou G, Markogianni V, Varlas G, Basheer M, Nagkoulis N, Plataniotis A, Wise RM, Xenarios S, Nisiforou O, Papadopoulos A, Dimitriou E. (2025). **Post-fire flood hazards: Integrated modelling, protection measures, and economic implications. SDSN Global Climate Hub – AE4RIA Report,** August 2025. Available [here](#)



## Peer Reviewed Book Chapters

1. Akinsete, E., Papadaki, L., & Koundouri, P. (2025). Black Sea Blue Transitions: Multi-actor Forums to Promote a Sustainable Blue Economy. In M. Amer, M. El Kaftangui, I. El-Sayed Maarouf, N. Khalid, & S. S. B. Dol (Eds.), *Territorial Landscapes Solutions for Sustainable Energy and Food Security* (pp. 43–51). **Springer, Cham**. [https://doi.org/10.1007/978-3-031-82419-7\\_6](https://doi.org/10.1007/978-3-031-82419-7_6)
2. Koundouri, P., Devves, S., Landis, C., & Papadaki, L. (2025). A Methodological Approach to Integrate Circularity, Ecosystem Services and the SDGs Under the Life Cycle Assessment Framework. In World Sustainability Series (pp. 215–252). **Springer Nature Switzerland**. [https://doi.org/10.1007/978-3-031-85300-5\\_11](https://doi.org/10.1007/978-3-031-85300-5_11)

## Working papers

Chondros, M., Papadimitriou, A., Metallinos, A., Chalastani, V., Landis, C., Spyrou, D., Laspidou, C., Koundouri, P. and Tsoukala, V. "[Assessing the impact of climate change on mean annual wave agitation and berth downtime at two major ports of the eastern Mediterranean Sea: Port of Piraeus, Greece and Port of Limassol, Cyprus](#)" **DEOS Working Papers 2551, Athens University of Economics and Business.**

Koundouri, P., Alamanos, A., Arampatzidis, G., Devves, S., Pliakou, T. and Deranian, C. "[A simulation-driven assessment of 35 European National Energy and Climate Plans](#)" **DEOS Working Papers 2550, Athens University of Economics and Business.**

Koundouri, P., Alamanos, A., Arampatzidis, G., Devves, S., Dellis, K., Deranian, C. and Pliakou, T. "[An Integrated Assessment of the European National Commitments for Climate Neutrality](#)" **DEOS Working Papers 2548, Athens University of Economics and Business.**

Zacharatos, T., Coletti, G., Dellis, K. and Koundouri, P. "[Reducing Post-Harvest Food Losses as a Pathway Towards Net-Zero Agriculture: Socioeconomic and Environmental Insights from FABLE Modeling](#)" **DEOS Working Papers 2547, Athens University of Economics and Business.**

Savic, D., Hammer, B., Polycarpou, M. and Koundouri, P. "[Water Infrastructures at Crossroads of Adaptive Futures](#)" **DEOS Working Papers 2545, Athens University of Economics and Business.**

Koundouri, P., Alamanos, A., Arampatzidis, G., Devves, S., Dellis, K. and Deranian, C. "[Assessing national climate-neutrality plans through a modelling nexus lens: the case of Greece](#)" **DEOS Working Papers 2544, Athens University of Economics and Business.**

Papadaki, L., Halkos, G. and Koundouri, P. "[Strategic Investment and Decision-Making in Greek Ports: A Socio-Economic Analysis of Seminar Impacts](#)" **DEOS Working Papers 2543, Athens University of Economics and Business.**

Papadaki, L. and Koundouri, P. "[The Climathon as the enabler of lifelong sustainability and entrepreneurial education](#)" DEOS Working Papers 2542, Athens University of Economics and Business.

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## FEATURE AT AE4RIA

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[\*AE4RIA Matrix: ESG and SDG Impact for Companies and Institutions\*](#)

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Global and National Implementation of the SDGs require Non-state actors – including companies, cities, regions, financial and educational institutions – to take rigorous and immediate action.

[AE4RIA metrix](#) offers tools and solutions which refer to the downscaling of the UN SDSN frameworks and the quantification of the ESG and SDG footprint of Companies in line with CSRD. Our decision-making tools assist companies in developing their pathways towards sustainability, creating true value, far beyond compliance.

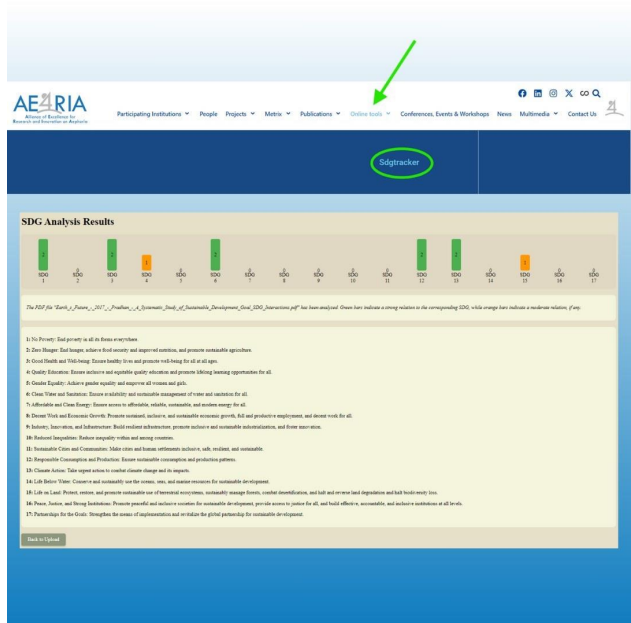
AE4RIA metrix also covers the development of the harmonized data collection process across the value chain, and the development of a database to communicate with the provided tools.



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## [SDG Tracker: A New Online Tool for Analyzing the Sustainable Development Goals \(SDGs\)](#)

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We are excited to announce the launch of our [new SDG Tracker](#), a **machine learning- based web application designed to analyze PDF documents' Sustainable Development Goals (SDG) content.**

Developed by the Alliance of Excellence for Research and Innovation on Aephoria (AE4RIA), this tool enables **users to upload PDF documents and receive an instant assessment of their relevance to the 17 SDGs.** By leveraging advanced text analytics and natural language processing techniques, the SDG Tracker provides detailed insights into how various reports and policies align with global sustainability objectives. This innovative, open-access platform is a valuable resource for policymakers, researchers, and educators, facilitating a deeper understanding of the intricate relationships in sustainable development.

**[MEET OUR TEAM:](#) more than 200 talented researchers across Europe!**



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*[In this brief video](#), Professor Koundouri introduces AE4RIA, while some of our team members, explaining our key focus areas and showcasing the impactful work we engage in, spanning from groundbreaking research to collaborative initiatives.*

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Οι Στόχοι Βιώσιμης Ανάπτυξης αποτελούν ένα εντατικό επιστημονικό πλαίσιο,



The Alliance of Excellence for Research and Innovation on Asghoria (AE4RIA) is an initiative for collaboration between research institutions, innovation accelerators and science-technology-policy interface networks, scientific associations and academies focused on sustainable development. AE4RIA involves:

- (i) **Research Institutions:** Research Laboratory on Socio-Economic and Environmental Sustainability (ReSEES) and Stochastic Modeling and Applications Laboratory at the Athens University of Economics and Business, the Sustainable Development Unit (SDU) at ATHENA Research Center, and the Department of Technology, Management, and Economics at the Technical University of Denmark (DTU)
- (ii) **Innovation Acceleration Hubs:** UN Climate Change Global Innovation Hub, EIT Climate-KIC, Brigaid Connect, MENA Maritime Accelerator, Black Sea Accelerator
- (iii) **Science-Policy Networks:** Sustainable Development Solutions Network (UN SDSN, SDSN Global Climate Hub, SDSN Europe, SDSN Greece, Water Europe, Nexus cluster and Earth-Humanity Coalition (EHC)
- (iv) **Scientific Associations and Academies:** World Council of Environmental and Resource Economists Associations (WCERE), European Association of Environmental and Resource Economists (EAERE), World Academy of Art and Science (WIAS), Accademia Europaea, European Academy of Sciences and Arts, InterAcademy Partnership (IAP), Academy of Engineering and Technology of the Developing World (AETDEW)

AE4RIA brings together a multidisciplinary team of over 200 researchers, including economists, mathematicians, statisticians, engineers, natural scientists, and social and human sciences experts. As one of the world's largest research networks focused on sustainability, AE4RIA provides science-based, stakeholder co-design solutions to support the global transition toward sustainable development.

The network is founded and directed by Professor Phoebe Kaoundouri




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Editor



**Mary Psilou**, Communications Manager

Alliance of Excellence for Research and Innovation on Aeφhoria

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