

# Βιοοικονομία και επιχειρηματικότητα: Ευρωπαϊκά χρηματοδοτικά εργαλεία στην υπηρεσία ελληνικών φορέων και επιχειρήσεων

Κατερίνα Παπαδούλη, Δίκτυο ΠΡΑΞΗ  
Bioeconomy & Bioenergy Forum 2020, 2 Δεκεμβρίου 2020

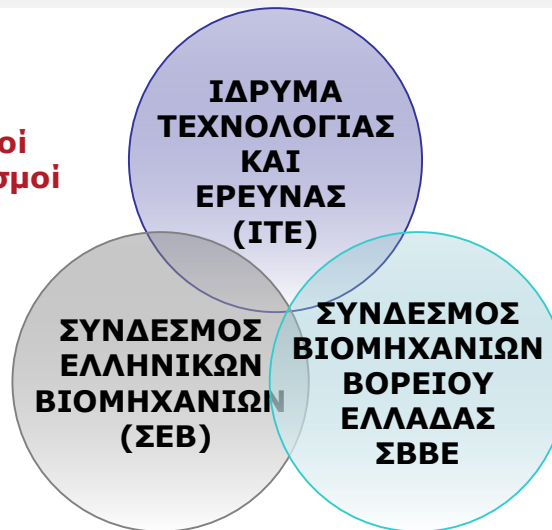


## Γεφυρώνοντας το κενό μεταξύ έρευνας και βιομηχανίας

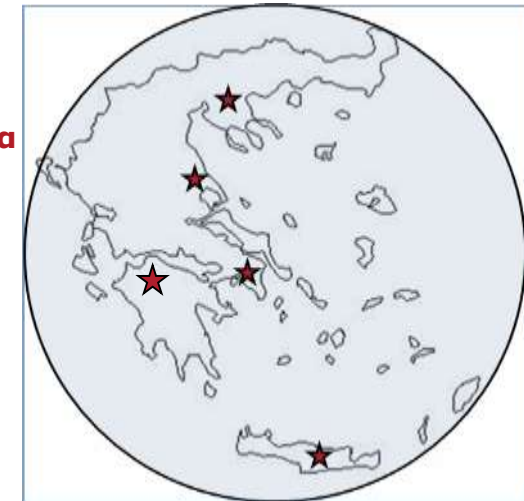
**Ο στόχος του Δικτύου ΠΡΑΞΗ είναι να ενισχύσει την ανταγωνιστικότητα των ελληνικών μικρομεσαίων επιχειρήσεων και εργαστηρίων:**

- › Συνδέοντας την έρευνα με τη βιομηχανία
- › Προωθώντας την καινοτομία και την επιχειρηματικότητα
- › Προωθώντας τη διεθνή συνεργασία

**Ιδρυτικοί  
Οργανισμοί**



**Γραφεία  
σε 5 πόλεις  
στην Ελλάδα**





## Υπηρεσίες προς επιχειρήσεις & ερευνητικά εργαστήρια

Πληροφόρηση



Συμβουλευτική  
υποστήριξη



Δικτύωση

**praxi >>**  
help-forward network

45% is  
25% is  
30%

Επιτυχία

INVESTING IN  
**TECHNOLOGY**  
TRANSFER &  
**INNOVATION**



## Bioeconomy, Circular Economy and European Strategy

Bioeconomy is Europe's response to key environmental challenges the world is facing already today. Activities for the Bioeconomy aim at:

- ✓ Reducing the dependence on natural resources
- ✓ Transforming manufacturing
- ✓ Promoting sustainable production of renewable resources from land, fisheries and aquaculture and their conversion into food, feed, fibre, bio-based products and bio-energy
- ✓ Creating new jobs and industries



# Support for Research and Innovation





## Horizon 2020: European Green Deal

*The European Green Deal is about improving the well-being of people. Making Europe climate-neutral and protecting our natural habitat will be good for people, planet and economy.*

### The EU will:



Become  
climate-neutral  
by 2050



Protect human life,  
animals and plants,  
by cutting pollution



Help companies  
become world leaders  
in clean products and  
technologies



Help ensure a  
just and inclusive  
transition



## Horizon 2020: European Green Deal

Period for submission of proposals:  
22 September 2020 - 26 January 2021

### Green Deal topics

**LC-GD-2-1-2020:** Innovative land-based and offshore renewable energy technologies and their integration into the energy system

*Research and Innovation Action, Innovation Action*

**LC-GD-3-2-2020:** Demonstration of systemic solutions for the territorial deployment of the circular economy

*Innovation Action*

**LC-GD-7-1-2020:** Restoring biodiversity and ecosystem services

*Innovation Action*



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## Horizon Europe 2021-2027: Structure

### Horizon Europe: Preliminary structure



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## Horizon Europe 2021-2027: Proposed budget

Current proposal around € 80 billion

### Commission proposal for budget: €100 billion\* (2021-2027)



\* This envelope includes EUR 3.5 billion allocated under the InvestEU Fund.



## Horizon Europe 2021-2027: Clusters

### Novelty of Horizon Europe

- ✓ The -formerly thematic- priorities are now identified on the basis of a multi sectoral and multi-disciplinary approach and renamed as “clusters”.
- ✓ Each cluster comprises specific intervention areas; however, certain areas such as space, humanitarian and social sciences, marine research and cybersecurity are covered by several clusters (cross-cutting issues).
- ✓ Emphasis will be put on fields that are catalysts for social and economic transformation and on investments in basic technologies of general application for the future.



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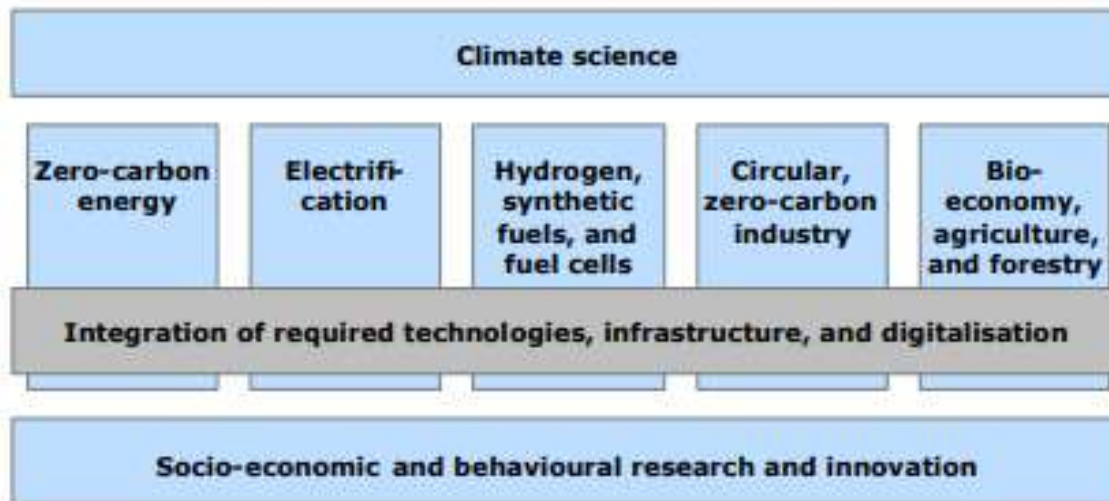




## Horizon Europe 2021-2027: Cluster 5

### Climate, Energy and Mobility

*The long term targeted impact of this cluster corresponds directly to the main objectives of **fighting climate change** while at the same time improving the **sustainability** and **competitiveness** of the **energy and transport industry** as well as the quality of the services that these sectors bring to citizens and society at large.*



Areas of intervention for the decarbonisation





## Horizon Europe 2021-2027: Cluster 6

### **Food, Bioeconomy, Natural Resources, Agriculture and Environment**

Research and Innovation in the Cluster 6 aims to advance knowledge, build capacities as well as develop and demonstrate innovative solutions that will accelerate the transition to:

- ✓ Reduction of greenhouse gas emissions and successful adaptation of ecosystems and production systems as well as rural, coastal and urban areas to climate change
- ✓ Halt of biodiversity decline and restoration of ecosystems
- ✓ Sustainable and circular management and use of natural resources; prevention and removal of pollution; healthy soils and clean water and air for all; attractive jobs, enhanced value creation and competitiveness
- ✓ Establishment of primary production, food and bio-based systems based on sustainability, inclusiveness, health and safety; food and nutrition security for all
- ✓ Behavioural, socio-economic and demographic change are well understood and drive sustainability; a balanced development of vibrant rural, coastal, peri-urban and urban areas
- ✓ Establishment of governance models enabling sustainability



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## Rules for participation: No changes

### Who can apply?

- Any '**legal entity**' (natural or legal person created & registered under national law) e.g. any company, big or small, research organisations, universities, non-governmental organisations, etc. from all over the world:
- Also international organisations or participants from non-EU/H2020 Associated Countries can participate

### Consortium composition?

- **CSA:** can be carried out by a single 'legal entity'
- **RIA and IA:** at least 3 'legal entities' established in at least 3 different Member States and/or Associated Countries (AC). The entities must be independent from each other



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## Rules for participation: No changes

Legal entities from all over the world can participate in Horizon Europe Calls

- **Automatically eligible for funding:**

- EU and Horizon 2020 Associated Countries
- Countries listed in [Annex A of the Horizon 2020 Work Programmes](#)

- **NOT automatically eligible for funding:**

- Industrialised countries and emerging economies: participants are not eligible BUT some countries have forms of co-funding mechanisms
- EXCEPTIONS if: bilateral agreement; country is identified in AWP or call

Participant	RIA	IA	CSA
Large Industries	100%	70%	100%
SMEs	100%	70%	100%
Non profit, legal entities (Universities, RTOs, NGOs etc.)	100%	100%	100%



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## Research and Innovation Missions

Partly inspired by the Apollo 11 mission to put a man on the moon, European research and innovation missions aim to deliver solutions to some of the greatest challenges facing our world.

They are an integral part of the Horizon Europe framework programme beginning in 2021. Each mission is a mandate to solve a pressing challenge in society within a certain timeframe and budget.





## How do Missions work?

- The Commission has engaged with citizens in a continuous process for the design, monitoring and assessment of the missions.
- They have listened to their priorities and define with them concrete angles and options to tackle the missions
- 5 mission boards were formed to help specify, design and implement missions for Horizon Europe. Their formation was the result of an open call for interest.
- Each mission board consists of up to 15 experts coming from innovation, research, policymaking, civil society and relevant organisations.
- Each mission area also has an assembly that gathers a larger number of high-level experts. The assemblies provide an additional pool of ideas, knowledge and expertise that will be actively called upon to contribute to the success of the mission



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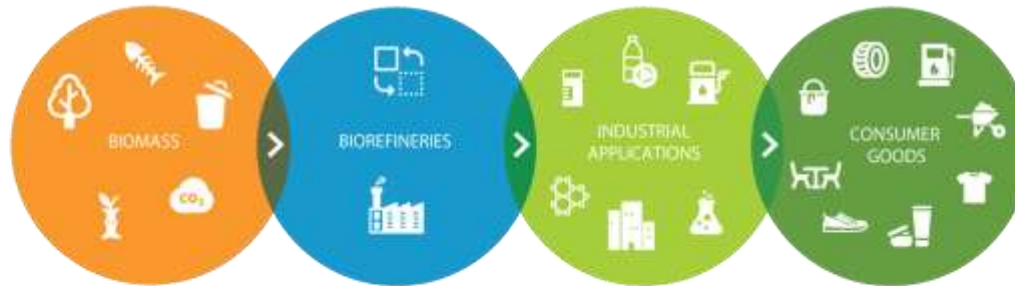




## Partnerships on Bioeconomy: BBI-JU and its successor

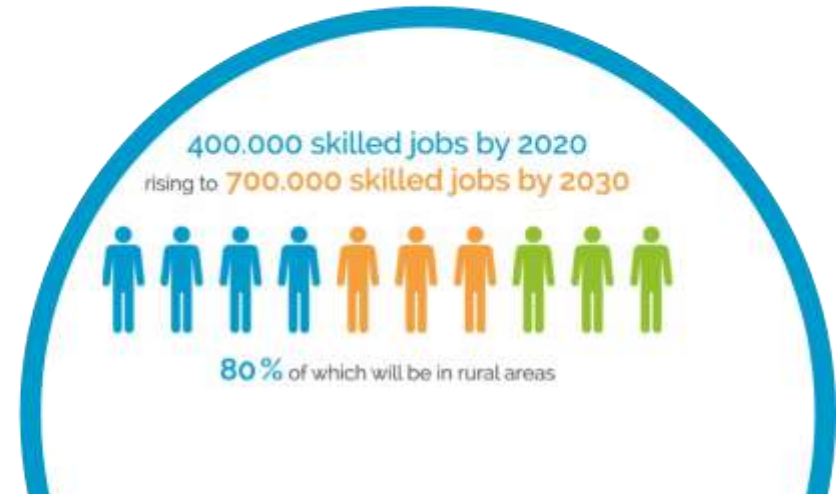


# »» BBI JU Impact



## By 2030

- ↘ 50% greenhouse gas emissions
- ↗ 20% biomass supply
- ↗ 25% mobilization of unused sources
- ↻ 30% replacement of petroleum-based products
- ✕ 10 times more bio-based materials





## Greek projects funded under BBI-JU

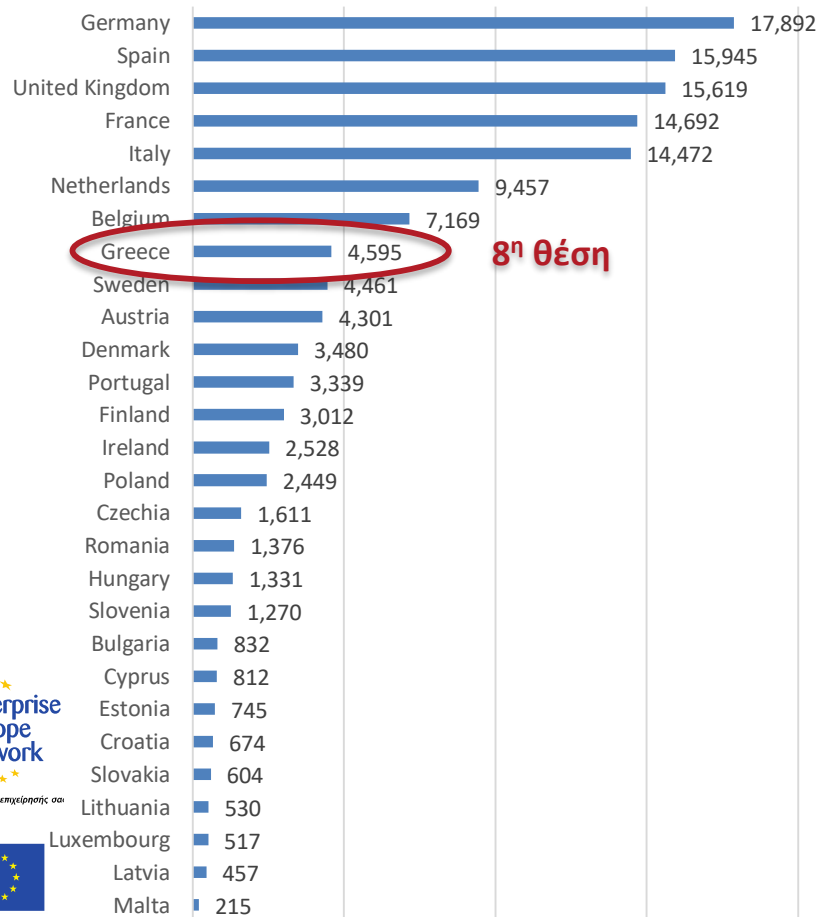




## Greek participation in H2020 (2014-2020):

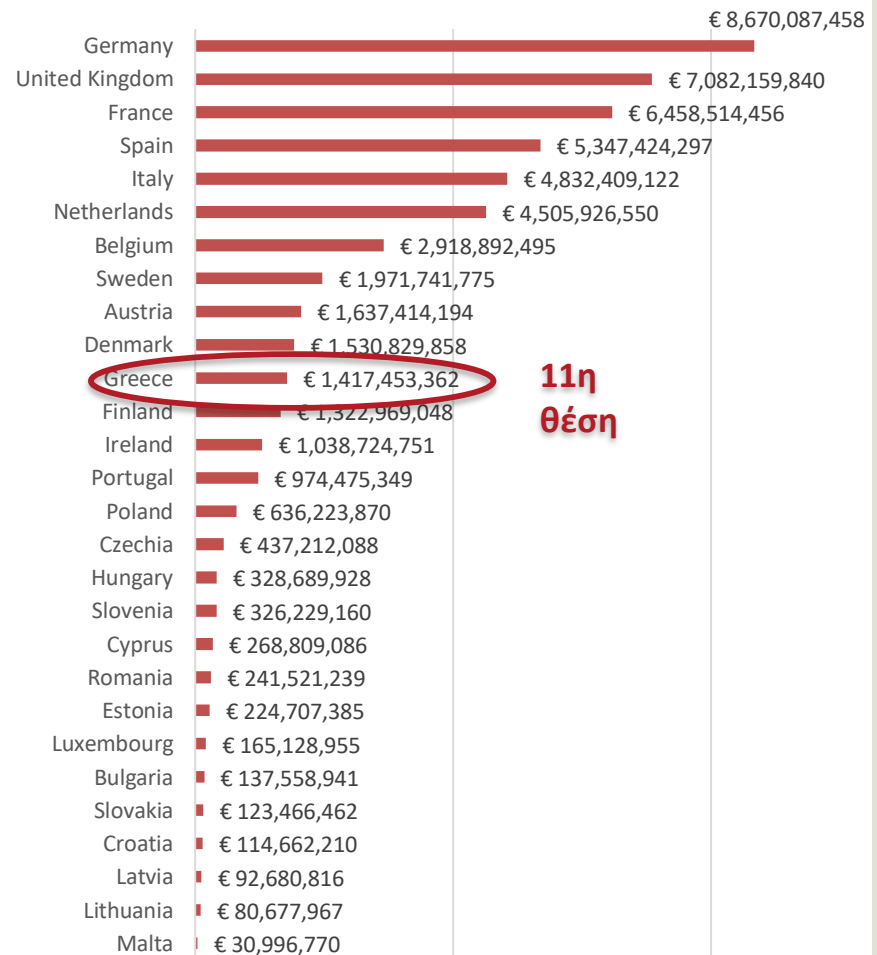
<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-dashboard>

H2020 Participations



8η θέση

H2020 Net EU Contribution



11η θέση



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## Greek participation in Societal Challenge 2: Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy



[https://issuu.com/praxi\\_network/docs/sc2\\_food](https://issuu.com/praxi_network/docs/sc2_food)



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## Partnerships on Bioeconomy in Horizon Europe

### Preparations of the Circular Bio-Based Europe (CBE)

- ✓ Promotion of BBI JU project achievements and impacts in line with the EU policy goals, in particular EU Green Deal, EU Biodiversity Strategy, Circular Economy Action Plan and Farm to Fork
- ✓ Preparation of the transition towards CBE under Horizon Europe: supporting the change management with awareness raising activities about the new programme targeting all stakeholders
- ✓ A rebranding exercise will reflect the priorities of the new organisation. It will include the creation of visual identity guidelines, as well as a review of BBI JU's digital presence, publications, videos and promotional material.
- ✓ Events will be key to achieve the BBI JU's communication priorities. Based on participant feedback, events organised by BBI JU should allow remote participation in order to widen the participation and reduce the environmental impact.



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## Useful links

- ✓ Horizon Europe – The next FP: [https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme\\_en#timeline](https://ec.europa.eu/info/horizon-europe-next-research-and-innovation-framework-programme_en#timeline)
- ✓ The EU Green Deal: [https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal/actions-being-taken-eu\\_en](https://ec.europa.eu/info/strategy/priorities-2019-2024/european-green-deal/actions-being-taken-eu_en)
- ✓ Funding & tenders opportunities (portal): <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>
- ✓ A climate resilient Europe: <https://op.europa.eu/en/publication-detail/-/publication/2bac8dae-fc85-11ea-b44f-01aa75ed71a1>
- ✓ Mission Starfish 2030: Restore our Ocean and Waters: <https://op.europa.eu/en/publication-detail/-/publication/672ddc53-fc85-11ea-b44f-01aa75ed71a1>
- ✓ 100 climate-neutral cities by 2030 - by and for the citizens: <https://op.europa.eu/en/publication-detail/-/publication/bc7e46c2-fed6-11ea-b44f-01aa75ed71a1>
- ✓ Caring for Soil is Caring for Life: <https://op.europa.eu/en/publication-detail/-/publication/4ebd2586-fc85-11ea-b44f-01aa75ed71a1>
- ✓ Bio-based Industries Joint Undertaking: <https://www.bbi-europe.eu/>
- ✓ Bio-based Industries Consortium: <https://biconsortium.eu/>



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Thank you for your  
attention!

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