

EU support to nutrients R&I

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Past EU funded R&I

EU framework programmes for research and innovation:

- FP6->Horizon 2020
- H2020 societal challenges:
 - Agriculture
 - Environment
 - Health
 - Industry/LEIT
- BBI Joint Undertaking
- 200+ projects funded by EU and national R&I funds
- InnovFin financial instrument

Other EU funding instruments:

- LIFE
- ERDF
- CAP (European Innovation Partnership)



Current EU funded R&I

The last phase of H2020 :

- WP 2019 and 2020: a number of project call
- Specific thematic financial instrument under InnovFin - Circular Bioeconomy Financial Platform

Dissemination, exploitation and policy input:

- New dissemination booster 2019
- Innovation Deal on recovery of nutrients from waste water and their use in agriculture
- Projects for Policy initiative on Nutrients
 - Recommendation to policy makers
 - Identification of knowledge gaps -> input to the Strategic R&I Agenda
- EU Nutrients Roadmap



Future support to R&I in nutrients: Horizon Europe 2021-2027



Pillar 2 Global Challenges & Industrial Competitiveness:

boosting key technologies and solutions underpinning EU policies & Sustainable Development Goals

Clusters implemented through calls, missions & partnerships	Budget (€ billion)
Health	€ 7.7
Inclusive and Secure Societies	€ 2.8
Digital and Industry	€ 15
Climate, Energy and Mobility	€ 15
Food and Natural Resources	€ 10
Joint Research Centre supports European policies with independent scientific evidence & technical support throughout the policy cycle	€ 2.2

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Key novelties: R&I Missions

R&I Missions

Connecting to citizens: Missions will relate EU's research and innovation to society and citizens' needs, with strong visibility and impact

A mission will consist of a portfolio of actions intended to achieve a bold and inspirational as well as measurable goal within a set timeframe, with impact for science and technology, society and citizens that goes beyond individual actions.

Horizon Europe proposal defines mission characteristics and criteria Specific missions will be **co-designed with Member States, stakeholders and citizens** and programmed within the Global Challenges and Industrial Competitiveness pillar

Currently 5 potential mission topics are discussed by the EC and Member States. The mission topic that is most relevant for nutrients is: "Sustainable land: restoring soil health"



New approach to European Partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

Simple architecture and toolbox

nstitutionalised

Key features

Based on Memoranda of Understanding / contractual arrangements; implemented independently by the partners and by Horizon Europe

- Coherent life-cycle approach
- Strategic orientation

Based on a joint programme agreed by partners; commitment of partners for financial and inkind contributions & financial contribution by Horizon Europe

Based on longterm dimension and need for high integration; partnerships based on Articles 185 / 187 of TFEU and the EIT-Regulation supported by Horizon Europe

Currently 10 institutionalised partnerships are discussed between EC and Member States. One of these is relevant for nutrients: Bio-based solutions



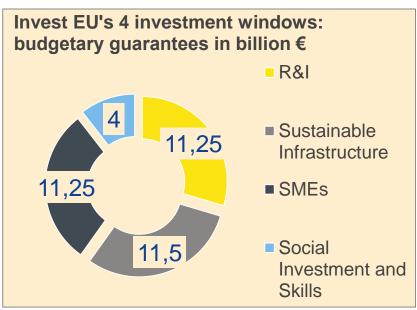
InvestEU for Research and Innovation (R&I)

Stimulates more investment in research and innovation, notably by the private sector; leverages and complements national/regional initiatives

Intervention to address financing gaps in the R&I delivery chain (notably due to high risk)

Support through:

- InvestEU Fund
- InvestEU Assistance
- InvestEU Portal





leverages an estimated € 200 bn of investments into R&I; marketbased finance for the exploitation and scale-up of European R&I



Strategic planning to define multiannual work programmes and calls for proposals

- Transparency and stakeholder involvement
- Prioritisation and flexibility to align to political priorities
- Internal programme coherence & synergies with other programmes

Multiannual Strategic R&I Plan

* Multiannual orientations and priorities in one document * Areas for partnerships and missions

Strategic discussions with Member States and European Parliament

Consultation with stakeholders

Work Programmes



Next steps



Commission



Thank you!

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