



EU Horizon 2020 funding opportunities for phosphorus-related R&D (Feb. 2014)

ESPP (European Sustainable Phosphorus Platform) notes that the EU's new funding programme "Horizon 2020" (successor of FP7) includes a number of areas relevant to phosphorus sustainability, with opportunities for R&D, demonstration, implementation.

ESPP's objective is sustainable phosphorus management. The Platform is interested to facilitate relevant project proposals, by facilitating contacts between R&D institutes and interested companies and industry, participating in projects as a dissemination partner, providing support to interesting projects, or organising projects as consortium coordinator if necessary.

The Platform therefore invites expressions of interest from:

- project consortia looking for stakeholder validation and support
- projects looking for European or global dissemination (Platform partners, conferences, SCOPE Newsletter emailing 60 000 worldwide)
- organisations interested in participating in a phosphorus-related Horizon 2020 projects

In all cases, please send a short text to info@phosphorusplatform.eu with the following information:

- objectives of project as regards phosphorus management
- project status : idea, incipient consortium, proposal under development, submitted, approved ...
- specific call and specific relevant text of Horizon 2020 call or funding tool
- your organisations competence and experience relevant to this Horizon 2020 text
- what you are looking for (R&D partners, industry partners, stakeholder contact, dissemination ...) and what you require from them
- other organisations already involved in the project

Please note that the list below may not be complete. It is ESPP's analysis to date. The presentation made by ESPP of call content may not be accurate, and you are recommended to verify directly with the published call texts and obtain competent advice where useful.



SPIRE-07-2015 – deadline = 19/12/2014

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/topics/2166-spire-07-2015.html>

“Recovery technologies for metals and other minerals”

- “Metals and other minerals, such as non-ferrous and ferrous metals, ceramics, glass, cement and chemicals”
- “development of processes for an effective and efficient recovery of these materials, from primary sources or from waste streams of the current industrial processes. Novel integrated recovery processes should result in increased resource efficiency and sustainability for the European industry, allowing the recovery of significant amount of metals and other minerals, even from low concentration streams. This should lower the dependency on imports of these materials”
- “The projects selected under this topic are expected to carry out demonstration activities in industrial environments aimed at proving the industrial relevance and feasibility of the proposed technologies.”
- “A significant participation of SMEs with R&D capacities is encouraged.”

WASTE 7-2015 - deadline = 16/10/2014

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-climate_en.pdf

“Ensuring sustainable use of agricultural waste, coproducts and byproducts”

- includes “nutrient, energy and biochemical recovery from manure and other effluents”

SC5-11(b)-2014 - deadline = 10/3/2015

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-climate_en.pdf

“New solutions for sustainable production of raw materials”

(b) 2014 “Flexible processing technologies”

- “processing and refining of different raw materials from low grade and/or complex feeds with changing composition and logistically distributed material sources ... if justified also with secondary materials feeds
- Could cover P-recovery from sewage sludge

SC5-13(f)-2015 – deadline = 10/3/2015

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-climate_en.pdf

“Coordinating and supporting raw materials research and innovation”

“Strategic international dialogues and cooperation with raw materials producing countries and industry”

- Includes European Neighbourhood Policy countries = Morocco, Tunisia
- “cooperation with raw materials producing countries, including exchange of best practices in raw materials policy, stakeholder dialogues, and social licence to operate, resulting in strong and sustainable relationships with these countries”

EIP WG - announced Feb. 2014, expect to be published 11/3/2014

http://ec.europa.eu/agriculture/eip/focus-groups/call-3-announcement_en.pdf

European Innovation Partnership (EIP) "Agricultural Productivity and Sustainability", call to set up new Focus Groups – limited action, c 20 experts, funding for a few meetings and a report:

- **“Fertiliser efficiency – focus on horticulture in open field –** How to resolve the conflict between crop quality demands and legislative requirements through innovative fertilisation and nutrient recycling.”

KIC Raw Materials – deadline = 10/9/2014

<http://eit.europa.eu/newsroom-and-media/article/innovate-join-the-eit-and-spur-innovation-and-entrepreneurship-across-europe/>

To address: raw materials – sustainable exploration, extraction processing, recycling and substitution.

SFS2(a)-2014 - deadline = 12/3/2014

http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-food_en.pdf

Food Security **“Sustainable crop production” (A) “External nutrient inputs”**