

Climate Action, Environment, Resource Efficiency and Raw Materials 2015 Calls

In 2015 the main action will be the establishment of a very large and ambitious ERANET in support of the Climate JPI actions on climate services, which has been designed in order to be highly complementary to other actions launched at EU level in 2014 and that will follow in the years 2016-17. This will be accompanied by a coordination action on modeling and climate services.

A further research and innovation action will tackle the issue of air quality in cities, bridging the human health and climate change needs, and contributing to increasing the compliance to the EU air quality legislation.

1. Waste: A resource to recycle, reuse and recover raw materials

- Waste-4d-2015: Towards near-zero waste at European and global level
Raw materials partnership (Coordination and support action)
Deadline: 21.04.2015
- Waste-6a/6b-2015: Promoting eco-innovative waste management and prevention as part of sustainable urban development
 - a) Eco-innovative solutions (Innovation actions)
 - b) Eco-innovative strategies (Research and innovation actions)**Deadline: stage 1 21.04.2015, stage 2 08.09.2015**
- Waste-7-2015: Ensuring sustainable use of agricultural waste, co-products and by products (Research and innovation actions)
Deadline: stage 1 21.04.2015, stage 2 08.09.2015

More information: <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-waste-2015-two-stage.html>

2. Water innovation: Boosting its value for Europe

- WATER-1b-2015 Bridging the gap: from innovative water solutions to market replication
Demonstration/pilot activities – EIP Water (Innovation actions)
Deadline: 21.04.2015
- WATER-2b-2015 Integrated approaches to water and climate change (Research and innovation actions)
Deadline: 21.04.2015
- WATER-3-2015 Stepping up EU research and innovation cooperation in the water area
Era-Net Cofund action – JPI Water
Deadline: 21.04.2015
- WATER-4b-2015 Harnessing EU water research and innovation results for industry, policy makers and citizens
Supporting knowledge exchange and stocktaking of scientific knowledge and best practices on water use efficiency and quality in agricultural practices – EIP 'Agricultural Productivity and Sustainability' and EIP 'Water' (Coordination and support action)

Deadline: 21.04.2015

- WATER-5b/5c-2015 Strengthening international R&I cooperation in the field of water
 - b) A coordination platform for scientists, decision-makers, practitioners and other key stakeholders in Africa (Coordination and support action)
 - c) Development of water supply and sanitation technology, systems and tools, and/or methodologies, on non-EU Mediterranean countries and/or Africa (Research and innovation actions)

Deadline: 21.04.2015

More information: <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-water-2015-one-stage.html>

3. Growing a low carbon, resource efficient economy with a sustainable supply of raw materials

- **SC5-4-2015 Improving the air quality and reducing the carbon footprint of European cities**
Specific challenge: how to address both environmental, human health and climate considerations when designing air pollution and emission reduction strategies

Deadline: stage 1 21.04.2015, stage 2 08.09.2015

- **SC5-5b-2015 Earth-system modeling and climate services (CSA)**

Specific challenge: establish networking, clustering, coordination bridging the modelling community and the climate services one

Deadline: stage 1 21.04.2015, stage 2 08.09.2015

- **SC5-17-2015 Demonstrating the concept of 'Citizen Observatories'**

Specific challenge: making in-situ observatories based on citizens' own devices and demonstrating their operational added value

Deadline: stage 1 21.04.2015, stage 2 08.09.2015

- **SC5-2-2015 ERA for Climate Services (ERA-NET)**
- **SC5-15-2015 Strengthening the European Research Area in the domain of Earth Observation (ERA-NET)**
- **SC5-18b-2015 Integrating African, Middle East and Balkan Earth Observation capacities in GEOSS**
- **SC5-10c-2015 An EU support mechanism for evidence-based policy on biodiversity & ecosystems services**
- **SC5-11c-2015 Deep mining on continent and/or in sea-bed**
- **SC5-11d-2015: New sustainable exploration technologies and geomodels**
- **SC5-11e-2015: New metallurgical systems**
- **SC5-12b-2015: Materials under extreme conditions**
- **SC5-13c-2015: Innovation friendly minerals policy framework**
- **SC5-13d-2015: Raw materials research and innovation coordination**
- **SC5-13e-2015: Raw materials intelligence capacity**
- **SC5-13f-2015: Strategic international dialogues and cooperation with raw materials producing countries and industry**

Deadline: 21.04.2015

More information: <http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/h2020/calls/h2020-sc5-2015-one-stage.html>