

Finnish participation in H2020 Societal Challenge 5

European commission has updated in March 2018 the “*Research & Innovation Projects CALLS 2014 – 2017, Climate action, environments, resource efficiency and raw materials, HORIZON 2020*”, which is a list of R&I projects funded by Horizon 2020 Societal Challenge 5 (SC5) calls launched in 2014 – 2017. This list, as well as the list of projects including Finnish participants, can be found from the [EUTI website](#).

The SC5 calls 2014 – 2017 resulted in 298 projects, mobilizing resources around 1887 M€, of which more than 1508 M€ as EU funding. The amount to be financed for the projects that include Finnish participants is approximately 671 M€ (36 % of the total resources), of which EU contribution is around 459 M€ (30 % of the total EU contribution). The duration of the funded projects varies from 18 to 60 months.

Among the funded projects, there are 77 projects including Finnish participants, involving 1 to 7 Finnish participants. These projects consist of 26 % of all the funded SC5 projects. Altogether 69 different Finnish actors, including funding organizations, universities, research institutions, large companies and SMEs, are involved in the projects. Finnish organizations that participate most actively in the SC5 projects are VTT Technical Research Centre of Finland Ltd. (15 funded projects), Finnish meteorological institute (10 funded projects), Geological Survey of Finland (10 funded projects), and Academy of Finland (7 funded projects). Further information on the projects funded by Horizon 2020 can be found on the website of European Commissions Community research and Development Information Service [CORDIS](#).

Finnish participants are coordinators in sixteen projects: seven projects by Finnish SMEs and nine projects are coordinated by Finnish research institutes. For example, VTT Technical Research Centre of Finland Ltd acts as a coordinator in the recently funded project “*Near-zero-waste recycling of low-grade sulphidic mining waste for critical-metal, mineral and construction raw-material production in circular economy*” ([NEMO](#)). Altogether 15 European participants are involved in NEMO, including further two Finnish participants, Terrafame Group Ltd. and Skyscape Ltd. With more than 12 M€ funding from the EU, the four-year project aims to develop European mining technologies, provide new business opportunities, and help securing the availability of raw materials in Europe.



Jaana Lehtimäki, NCP
Senior Science Adviser, Academy of Finland

Suvi Broholm
Science Adviser, Academy of Finland

email: first name.last name [at] aka.fi