

PROJECTS RELATED TO AGEING IN HORIZON 2020, FRAMEWORK PROGRAMME FOR RESEARCH AND INNOVATION

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Background

- Growing ageing population influences economy, demography and unsustainable health-care costs.
- Interest in research of ageing in many disciplines increases.
- We aim to investigate the quantity and fields of research within Horizon 2020.

Material & Methods

- We searched the Calls for Proposals, projects and their results in the European Commission databases “Funding and Tenders” (<https://ec.europa.eu/info/funding-tenders>), “Cordis” <https://cordis.europa.eu/search/en>, <https://cordis.europa.eu/dashboard/sense/app/93297a69-09fd-4ef5-889f-b83c4e21d33e>) and others.

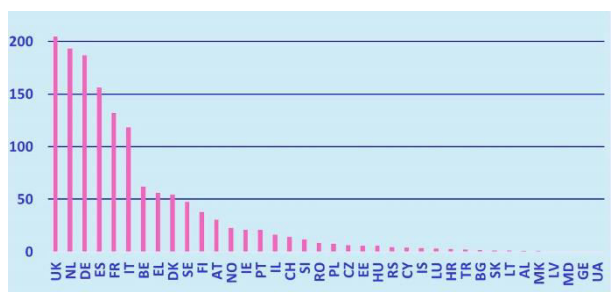
Results

- 79/340 **Calls** and 335/1059 **Projects** within Horizon 2020, SC1 were dedicated to ageing
- EC contribution to ageing projects is – **1,46 bill. EUR**
- **1588** scientific papers published
- **50** exploitable results generated
- Geographical distribution is presented in the figures below.
- Top funded projects mostly include smart and assisted living, with more than 10 projects funded by >15 mil EUR
- Content analysis shows multidisciplinary approach tackling all the ageing issues: frailty, mobility, chronic diseases, co-morbidities etc. with application of digital tools and artificial intelligence, self-management of health and living

Number of participations



EC contribution in mil €



Conclusion

- Ageing is a growing issue in various aspects and research fields.
- Top funded projects and most EC contribution is going to developed EU15 countries, UK being the best in total, but NL is the best per capita.
- Most projects are exploiting advanced technical solutions for improvement of healthy ageing: assisted living, driving, robotic and AI solutions.
- The system for the monitoring of allocated research funds, topics and results are overwhelming, but not harmonized nor easy to use and should be improved for free keywords search.