HORIZON 2020
Key achievements and impacts

Horizon 2020 is the EU Framework Programme for Research and Innovation (2014 – 2020) with a dedicated budget of EUR 77 billion over seven years. It is a unique programme in the World designed to drive economic growth and create jobs in Europe by investing in excellent science, industrial leadership and societal challenges.

5 YEARS OF IMPLEMENTING HORIZON 2020

€45b of EU investment for Research & Innovation
31% of investment for climate Research & Innovation
59% of investment to higher education institutions & research organisations, 28% to private-for-profit companies
25% of investment to SMEs (target: 20%) involved in tackling Societal Challenges and Leadership in Enabling & Industrial Technologies

31 525 unique participating entities, incl. 65% of newcomers and 14268 unique SMEs
24 574 grants signed from 204 750 proposals, involving 708 901 applications

The programme is ATTRACTION but less than 1 in 3 high-quality proposals are funded: additional €116 bn would have been needed to fund them all

200,000 proposals (twice as much per year compared to the predecessor programme FP7)
12% of them received funding
83% of projects declare they would not have gone ahead without EU funding
Horizon 2020 investments are **EFFECTIVE** they generate a **GDP gain estimated between EUR 400 to EUR 600 billion by 2030** (EUR 1 → EUR 6 to 8.5)

- **Creating networks** and integrating research and innovation efforts across countries (154 countries involved), sectors and disciplines: 1.5 million one-to-one collaborations in projects

- **Generating scientific breakthroughs** with 62,000 peer-reviewed publications, cited more than twice the world average, 3/5 based on private sector / academia collaboration

- **Generating innovation**, including more than 1,600 patent applications and **benefits** on society expected from most projects (e.g. Ebola research, IPCC panel, anti-microbial resistance)

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