

EU-Canada Current and Future R&I Relations



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EU-Canada relations

- **Strong momentum**
- **SPA and CETA implementation**
- **EU-Canada STI relations**
- **Horizon 2020**
- **Horizon Europe**



EU-Canada STI relations

Current situation

- EU-Canada STI relations are in very good shape and Canada is jointly with the US, China and Brazil in the leading group of 3rd countries concerning participation in Horizon 2020, including MSCA and ERC grants.
- EU and Canada are making great progress working together in major collaborative research endeavours in the areas of Arctic, marine, health and aeronautics research, in particular.
- Very strong cooperation on COVID-19:
 - 4 may 2020: Coronavirus Global Response Pledging Conference: €15.9 billion pledges made for universal access to tests, treatments and vaccines against coronavirus and for the global recovery
 - 10 June 2020: Canada was one of the main partners in a matchmaking event organised to pair EU funded projects with other international research projects in order to boost R&I outcomes



EU-Canada STI relations

Promising areas of collaboration:

- Industrial Clusters and internationalisation of SMEs
 - Administrative arrangement between DG GROW and ISED
- Energy (research component of HLED)
 - Clean energy, energy efficiency
- ICT (new dialogue led by DG CNECT)
 - AI, quantum, blockchain, disinformation
- Space (Copernicus, Galileo)



Horizon 2020

■ Individual researchers

- Marie Skłodowska Curie Actions (MSCA)
- European Research Council (ERC) Grants

■ Collaborative projects

- As a Canadian you can take part in collaborative projects of Horizon 2020
- Minimal condition: 3 participants from different EU Member States or Associated Countries



Canadian funding

Dedicated funding

- **At the 2019 EU-Canada Summit, Canada announced the allocation of up to C\$50 million over the next five years to support Canadian participation in Horizon 2020 and Horizon Europe through the New Frontiers in Research Fund's (NFRF) International stream.**
- **As a result, on 30 January 2020, the 2020 Horizon Global Platform Competition was launched, opening applications for the first C\$10 million in funding for Canadians who want to work with Horizon 2020. 34 eligible calls for project proposals have been identified, during the final year of H2020, including research on migration, forest fires, supersonic aviation, and biofuels.**
- **This is the first dedicated funding that Canada has allocated to research collaborations with the EU, at the federal level. For many years, Quebec has been providing support for their researchers.**



Transition to Horizon Europe

- **EU-Canada Task Force on Programme-level cooperation**

Build on best practices, in particular with respect to funding alignment between Canadian programmes and Horizon 2020/Horizon Europe calls

- **Objective: advance the mutual understanding and alignment of each other's research and innovation programmes and prepare new joint initiatives/actions as well as improved cooperation conditions**
- **Last JSTCC: June 2020, virtual meeting**

Canada and association to Horizon Europe

- **Horizon Europe aims to intensify its openness to the world at an unprecedented level. The proposal extends its openness for association to third countries with “good science, technology and innovation capacities”. The text provides a clear reference for further discussions with Canada.**
- **In this respect, Canada is a strong potential candidate. The 2019 Summit announcement is clearly a very important step in the right direction.**

Horizon Europe

is the Commission proposal for a **€ 100 billion** research and innovation funding programme for seven years (2021-2027)



to strengthen the EU's scientific and technological bases



to boost Europe's innovation capacity, competitiveness and jobs

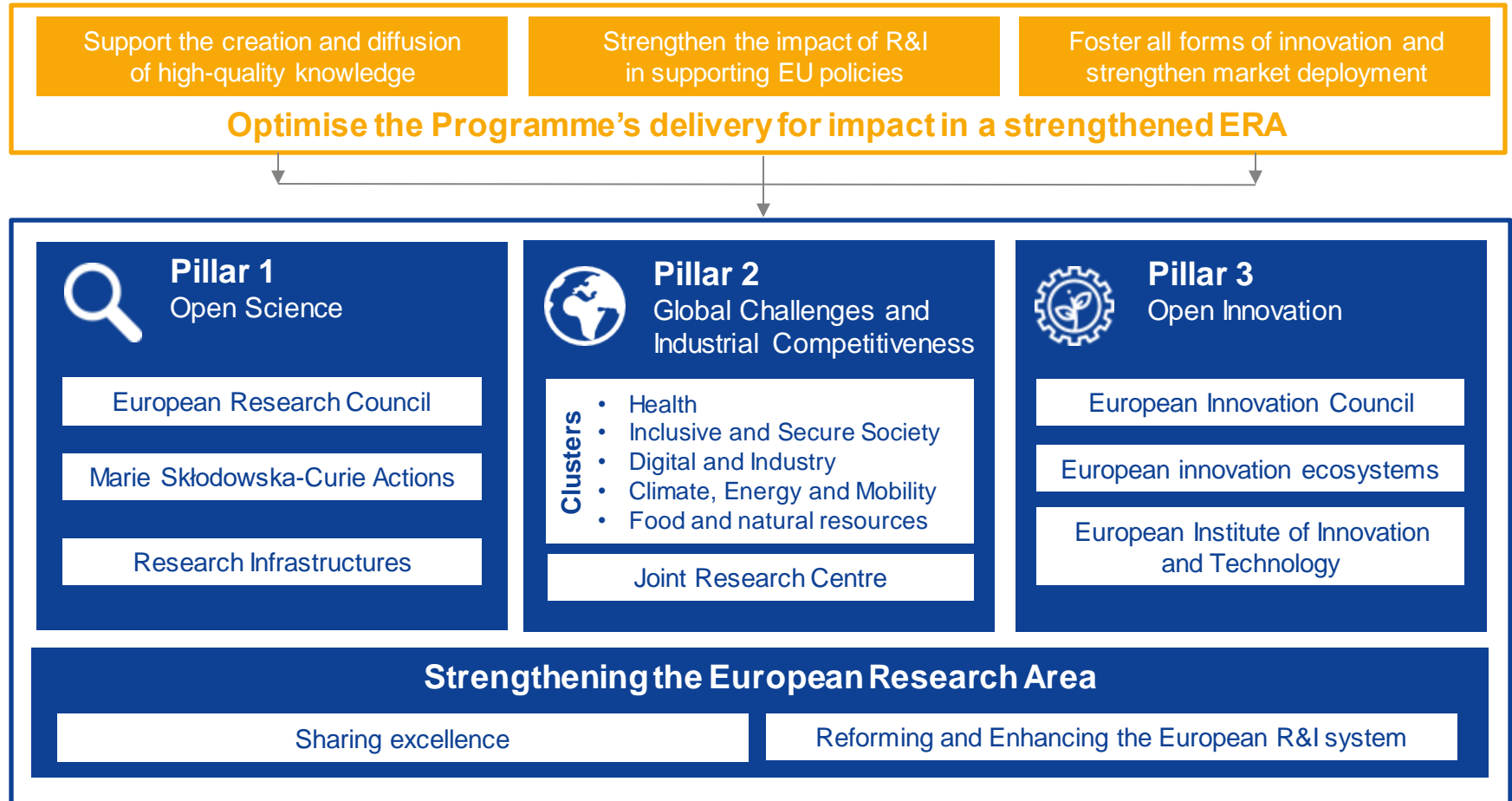


to deliver on citizens' priorities and sustain our socio-economic model and values

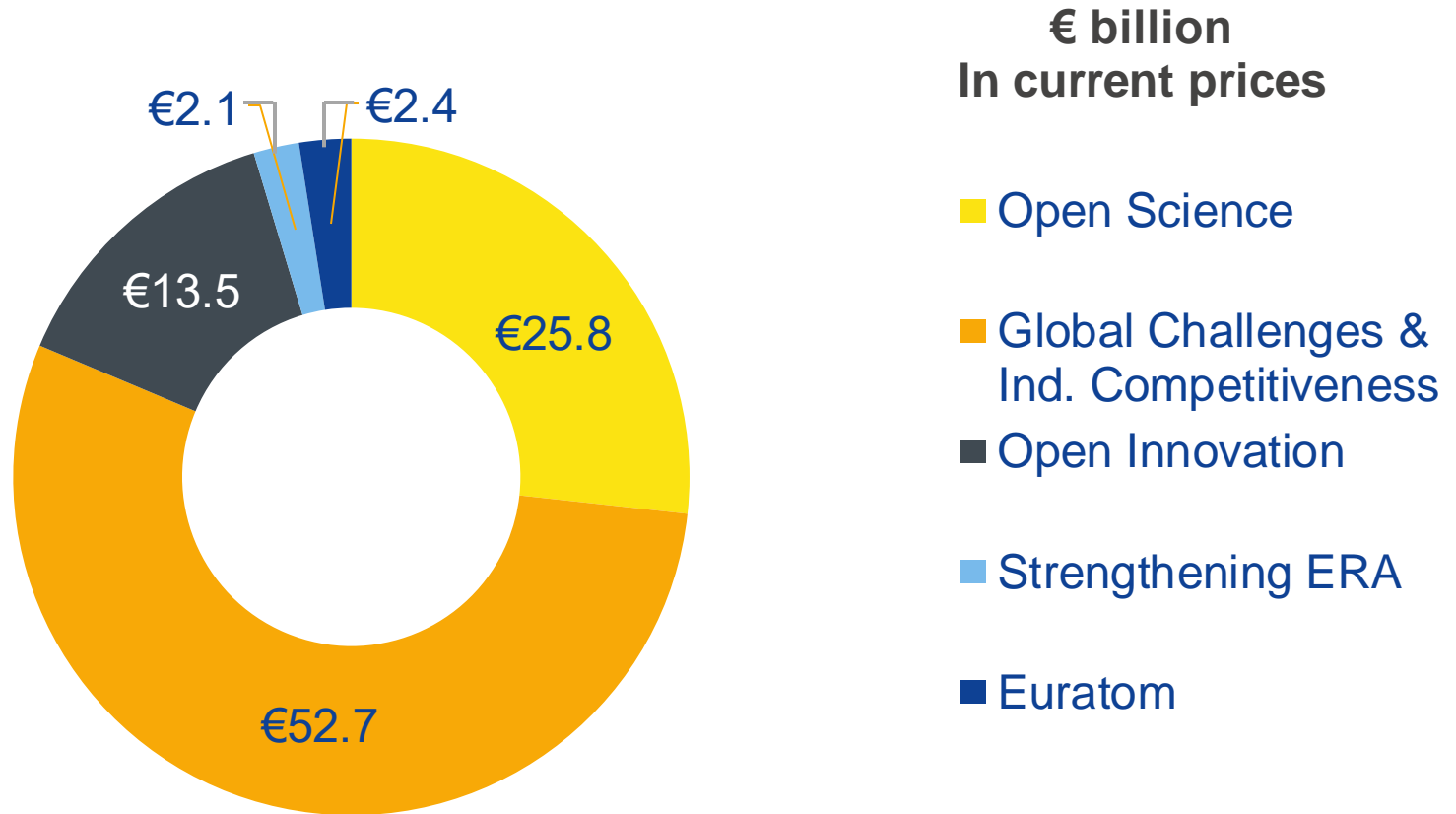
€ 4.1 billion are proposed to be allocated for defence research, in a separate proposal for a European Defence Fund

Horizon Europe: evolution not revolution

Specific objectives of the Programme



Budget: €100 billion*



* This envelope includes EUR 5.4 billion allocated under the InvestEU Fund.



International Cooperation

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Will ensure effective tackling of global societal challenges; access to the world's best talents, expertise and resources; enhanced supply and demand of innovative solutions

Extended openness to association

- Third countries with good capacity in science, technology and innovation
- Taking into account objective of driving economic growth in Europe through innovation
- General opening for international participation
- Intensified targeted actions (flagship initiatives, joint calls, etc.)

Timeline

- On 10 December, a **political agreement between the EP and the Council** was reached on HE.
- **HE will have a budget of around €95.5 billion for 2021-2027** (current prices). This includes €5.4 billion (current prices) from NextGenerationEU to boost the recovery and an additional reinforcement of €4.5 billion (current prices). This represents a 30% increase vis-à-vis Horizon 2020
- The adoption of HE is imminent and **the launch of the first Work Programme covering the first two years of calls (2021-22) in April.**

Interested to know more?

Useful links:

<http://ec.europa.eu/research/index.cfm>

https://ec.europa.eu/info/horizon-europe_en

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

