

European Funding Opportunities

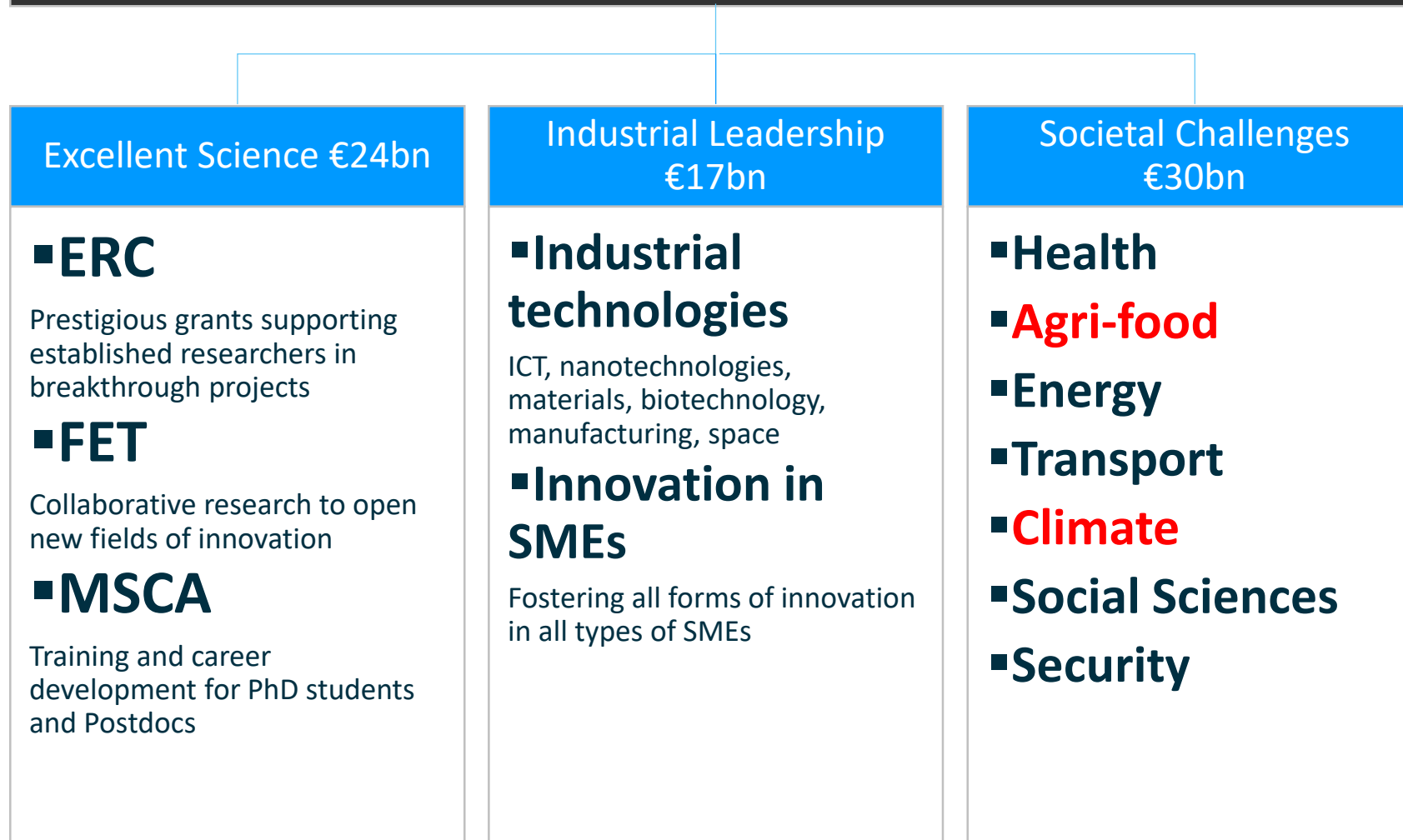
Research in Food Safety
26th of November

How to participate?

- Meet with your National Contact Point (NCP)
- Discuss your interests, needs, challenges
- We will propose the most suitable funding opportunities
- We will support you throughout the writing process

Horizon 2020 structure

Covers the value chain from fundamental research to market introduction



SC5: Climate action, environment, resource efficiency and raw materials

Overview of the workprogramme 2018-2020



Climate Action



Circular Economy



Raw Materials



Water



Innovating cities for sustainability & resilience



Protecting natural & cultural assets



Examples of opportunities in SC5

DL: 13 FEB & 3 SEP 2020

SC5-27-2020 (RIA): Strengthening international collaboration: enhanced natural treatment solutions for water security and ecological quality in cities
5MEUR (10MEUR)

SC5-32-2020 (RIA): Addressing wild pollinators decline and its effects on biodiversity and ecosystem services
5MEUR (5MEUR)

SC5-33-2020 (CSA): Monitoring ecosystems through research, innovation and technology
3MEUR (3MEUR)

LC-CLA-14-2020 (RIA): Understanding climate-water-energy-food-nexus and streamlining water-related policies
4-5MEUR (13MEUR)

CE-SC5-30-2020 (RIA): Plastics in the environment: understanding the sources, transport, distribution and impacts of plastics pollution
5MEUR (5MEUR)

Societal Challenge 2:

Food

Soil

Bioeconomy

Top-down calls for consortia-based projects

SC2 – General themes

- Sustainable food security
- Healthy food
- Environment and climate-smart food
- Blue growth
- Rural renaissance
- Modernizing policies
- Food and Natural Resources

Open Calls for 2020 in Societal Challenge 2

Horizon 2020

Deadline Jan 22 2020

* Two stage call

Overview

- SFS-02-2020*: Healthy terrestrial **livestock microbial ecosystems** for sustainable production
- **SFS-04-2019-2020**: Integrated health approaches and **alternatives to pesticide**
- **SFS-05-2018-2019-2020***: New and emerging **risks to plant health**
- **SFS-06-2018-2020***: Stepping up **integrated pest management**
- SFS-10-2020*: Epidemiology of non-EU-regulated **contagious animal diseases**: from integrated data collection to prioritisation
- SFS-13-2020*: Genome and epigenome enabled **breeding in terrestrial livestock**
- **SFS-21-2020***: Emerging challenges for **soil management**
- LC-SFS-22-2020*: **Forest soils** Research and Innovation Action

Horizon 2020

Deadline Jan 22 2020

* Two stage call

Overview

- SFS-35-2019-2020*: Sustainable Intensification in Africa
- CE-SFS-36-2020*: Diversifying revenue in rural Africa through bio-based solutions
- SFS-40-2020*: Healthy soils for healthy food production
- BG-07-2019-2020: The Future of Seas and Oceans Flagship Initiative
- BG-10-2020*: Fisheries in the full ecosystem context
- BG-11-2020*: Towards a productive, healthy, sustainable and highly-valued Black Sea
- RUR-21-2020*: Agricultural markets and international trade in the context of sustainability objectives
- RUR-05-2020: Connecting consumers and producers in innovative agri-food supply chains

Horizon 2020

Deadline Jan 22 2020

* Two stage call

Overview

- RUR-06-2020: Innovative agri-food value chains: boosting **sustainability-oriented competitiveness**
- **RUR-07-2020**: Reducing **food losses and waste** along the agri-food value chain
- CE-RUR-08-2018-2019-2020*: Closing **nutrient cycles**
- LC-RUR-11-2019-2020*: Sustainable **wood value chains**
- FNR-01-2020: Strengthening the European **agro-ecological R&I ecosystem**
- FNR-02-2020: Developing long-term monitoring and evaluation frameworks for the **Common Agricultural Policy**
- **FNR-03-2020**: A comprehensive vision for **urban agriculture**
- FNR-04-2020: Towards a European research and innovation **roadmap on soils and land management**

Horizon 2020

Deadline Jan 22 2020

* Two stage call

Overview

- FNR-05-2020*: **Husbandry** for quality and sustainability
- **LC-FNR-06-2020**: **Defossilising agriculture** – solutions and pathways for fossil-energy-free farming
- **CE-FNR-07-2020**: FOOD 2030 - **Empowering cities** as agents of food system transformation
- FNR-08-2020: Supporting the **food safety** systems of the future
- CE-FNR-09-2020: Pilot action for the removal of **marine plastics** and litter
- FNR-10-2020: **Public engagement** for the Bioeconomy
- FNR-11-2020*: Prospecting aquatic and terrestrial natural biological resources for **biologically active compounds**
- FNR-12-2020*: **Industrial microbiomes** – learning from nature

Horizon 2020

Overview

- LC-FNR-13-2020*: Bio-based industries leading the way in **turning carbon dioxide emissions into chemicals**
- CE-FNR-14-2020: **Innovative textiles** – reinventing fashion
- CE-FNR-15-2020: A network of European **bioeconomy clusters** to advance bio-based solutions in the primary production sector
- FNR-16-2020*: **Enzymes** for more environment-friendly consumer products
- **CE-FNR-17-2020**: Pilot **circular bio-based cities** – sustainable production of bio-based products from urban biowaste and wastewater
- FNR-18-2020: **Sustainability of bio-based products** – international governance aspects and market update

MSCA

Bottom-up funding for
postdoctoral researchers
for public and private

Marie Skłodowska-Curie Actions

Overview of the different programmes

- IF: 2 year fellowships for **individual researchers at postdoctoral level**; personal career development and training important elements
- ITN: **consortium-based**; 3 year **PhD student** trainings for up to 15 students
- RISE: International and inter-sector cooperation through research and innovation **staff exchange**
- COFUND: Co-funding of regional, national and international **programmes funding** for doctoral and postdoctoral researchers

For public and private!

Individual fellowships - IF

Who is it for

- Public: financing excellent applicants from around the world; piloting projects outside of currently funded programmes (CORE, ATTRACT etc); collaborations with industry
- Private: attracting specific know-how to your company; R&D projects not considered as current priorities; collaborations with academia

Individual fellowships - IF

What is it not for

- Multi-stakeholder collaborations
- Financing students or fellows already working/living in Luxembourg

Individual fellowships - IF

Key facts

- Success rates between 15% (public) and 25-30% (private, NGOs, administrations)
- Widening fellowships => Luxembourg benefits from additional funding
- Easy budgeting (lump sum, around 7'400€ per month)
 - Covering salary, research costs, traveling and training
- Small proposals (10 page, written mostly by applicant)

Individual fellowships - IF

Support initiative 2020 by Luxinnovation

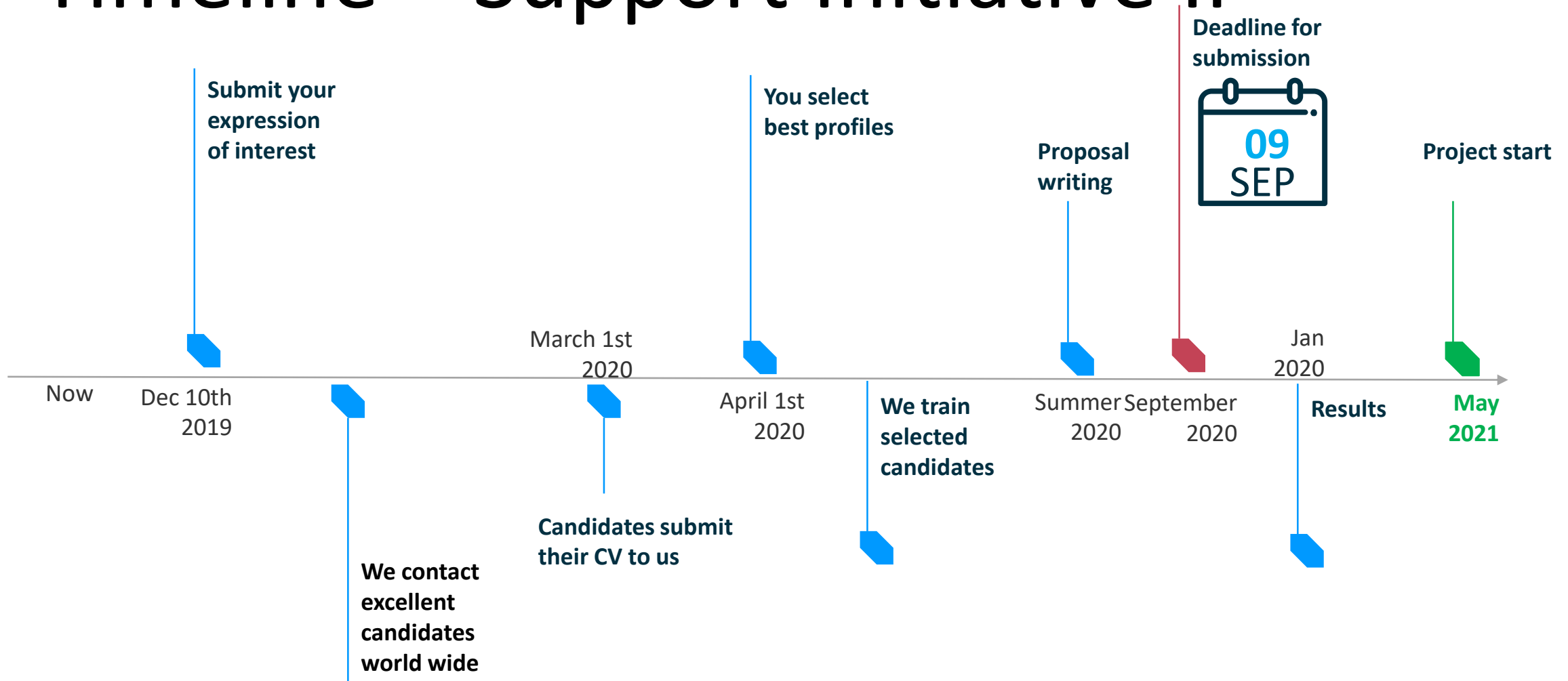
How?

- We help you find the best candidates
- We train candidates in proposal writing and provide guidance

We need from you?

- Short description (why you?)
- Which expertise are you looking for (who should apply?)
- Contact (we forward the CVs of candidates to you)

Timeline – Support Initiative IF



Individual fellowships

How to get the best talent

- Apply early
- Use accurate keywords
- Describe why you are the best place to do this project
- Keep multidisciplinary spirit
- Offer incentives
 - Top up salary (e.g. indirect costs)
 - Offer Career prospect
 - Attractive, multidisciplinary projects; inter sectoral secondments
 - Financial support for traveling, consultant support...

Marie Skłodowska-Curie Actions

The next deadlines

Call	Deadline
MSCA-ITN-2020	14 Jan 2020
MSCA-IF-2020	9 Sep 2020
MSCA-RISE-2020	28 April 2020
MSCA-COFUND-2020	29 Sep 2020

Thank you!

■ **Charles Betz**

European RDI Support

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