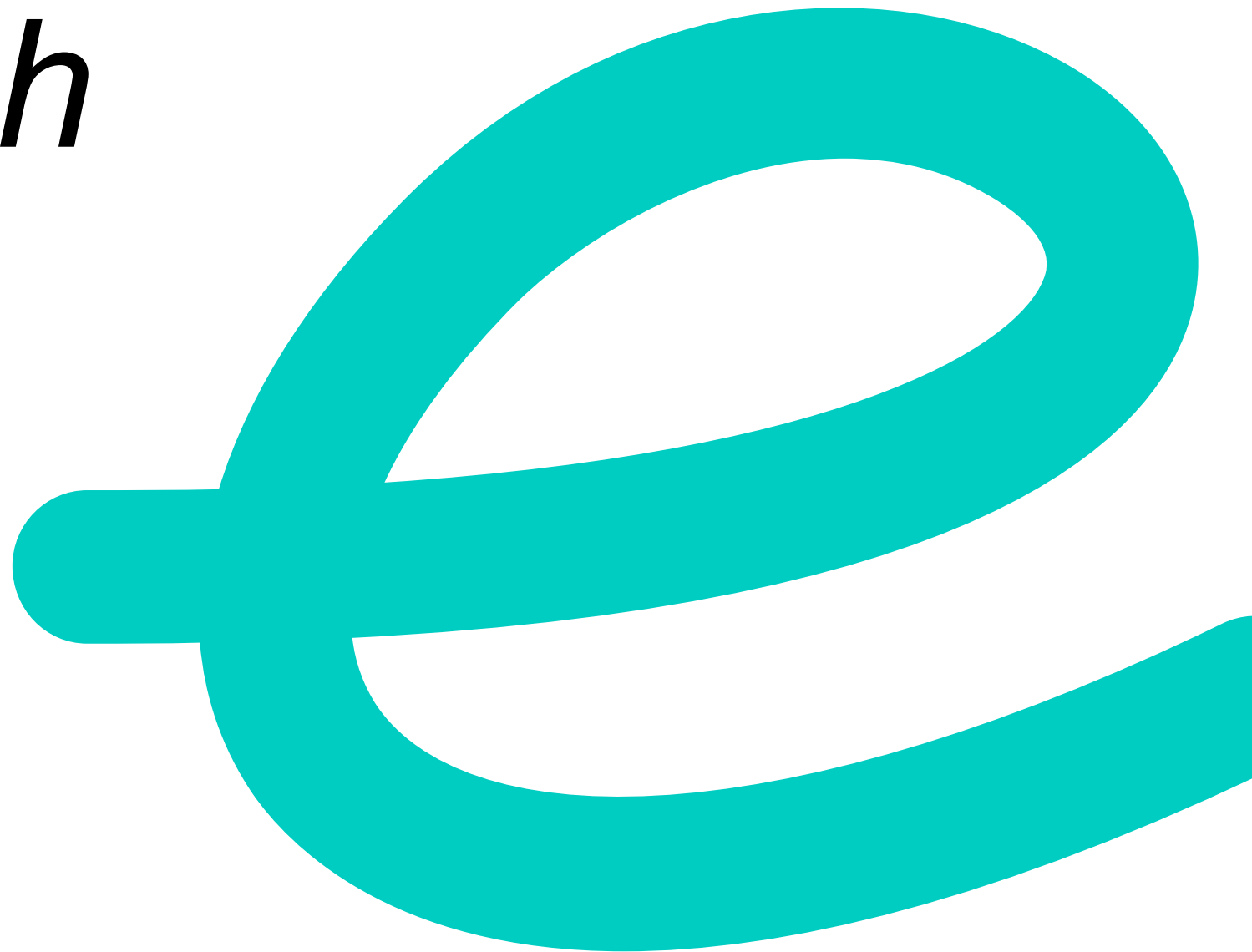


Euresearch Horizon Europe

euresearch
Swiss guide to European
research and innovation





Innovationsförderung in Horizon Europe: mehr möglich als man denkt

Stefan Fischer
National Contact Points (NCP)
for EIC Accelerator
Euresearch Network Office

Florian Berner
Company Advisor
Euresearch Region Zürich

Techopark Winterthur, 12.4.2022

Euresearch Network



Stefan Fischer
National Contact Point
EIC Accelerator & Energy



Florian Berner
Euresearch Company Advisor
Region Zürich

Euresearch is a non-profit association with offices in all the Swiss regions and a Network Office in Bern.

↳ www.euresearch.ch

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inform, advise and connect researchers based in or coming to Switzerland.

Your benefit:
We help you find the most appropriate funding scheme for you and your institution or company.

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Horizon Europe

Forschungsprogramm in Europa

«Horizon Europe»: Schweiz ist nur als Drittstaat eingestuft

Die Europäische Union behandelt die Schweiz künftig als nicht-assoziiertes Drittstaat. Die Schweiz will Top-Forschende nun selber finanzieren.

Analyse zu Horizon Europe

Die Schweiz auf dem Abstellgleis

Die EU-Kommission degradierte uns bei der Forschungsförderung zum Drittstaat. Die in der Wissenschaft so wichtige internationale Zusammenarbeit ist damit gefährdet.

What's on the horizon for Swiss research in Europe?



SUISSE

Atténuer les effets négatifs de la non-association à «Horizon Europe»

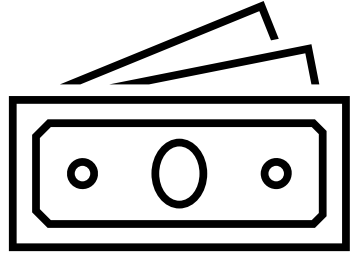
Publié 2 février 2022, 20:07

EU bars Switzerland from Horizon Europe as it tells UK to start applying for grants

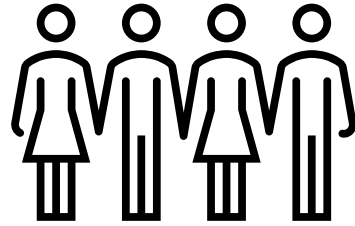
23 Jun 2021 | News

Research cooperation between the EU and Switzerland is on hold, while list of third countries invited to join new funding calls includes the UK and 17 others

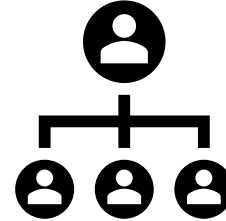
Switzerland as “Third country” means:



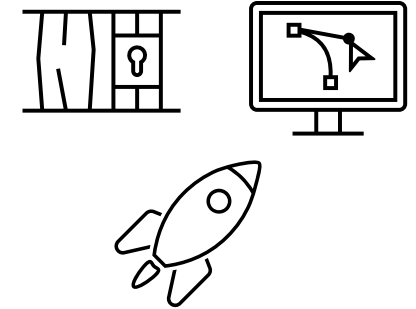
Provide our own money



Only participate in collaborative projects



Can not coordinate projects



Limited participation in Security, Quantum and Space

Solutions:

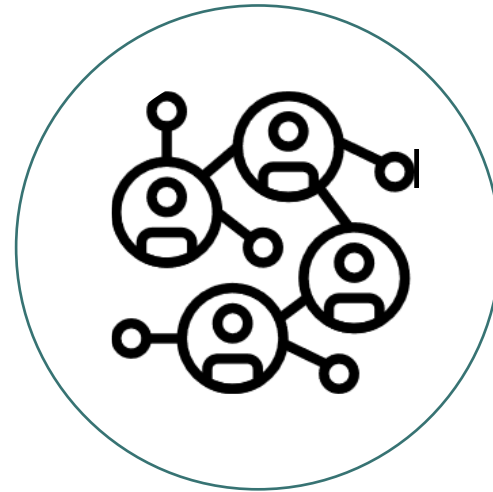
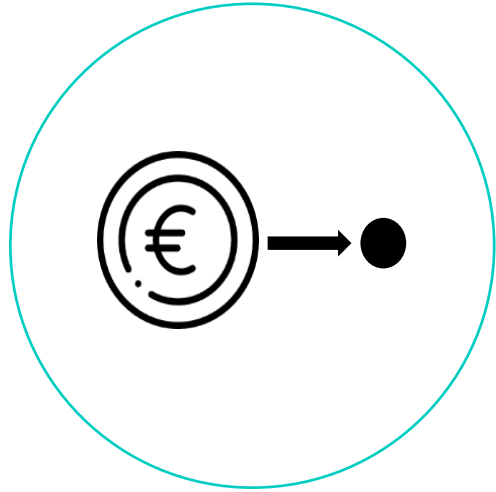
Funding provided by SERI State Secretariat for Education, Research and Innovation

Transitional actions for Mono-beneficiary programmes (Swiss Accelerator)

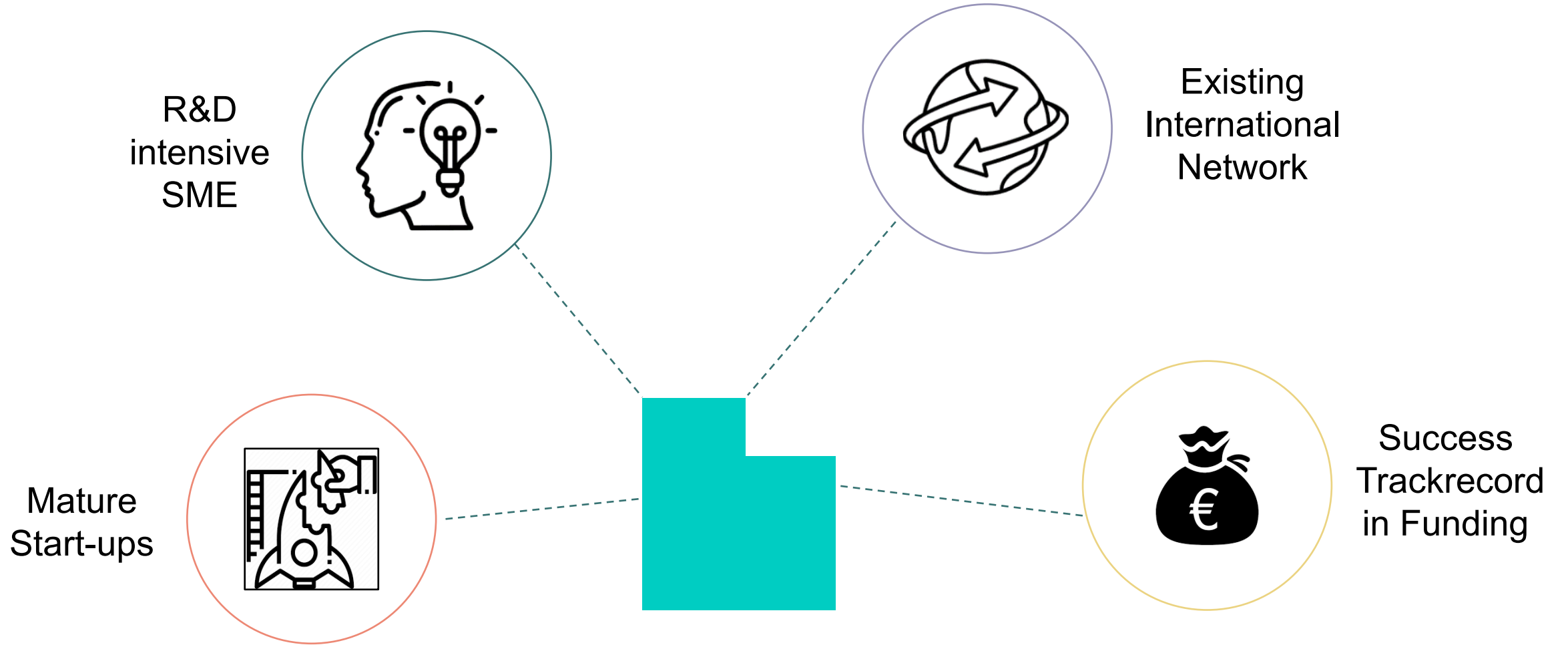
Annoying, but mostly an issue for universities

Annoying, but some replacement programmes (e.g. ESA)

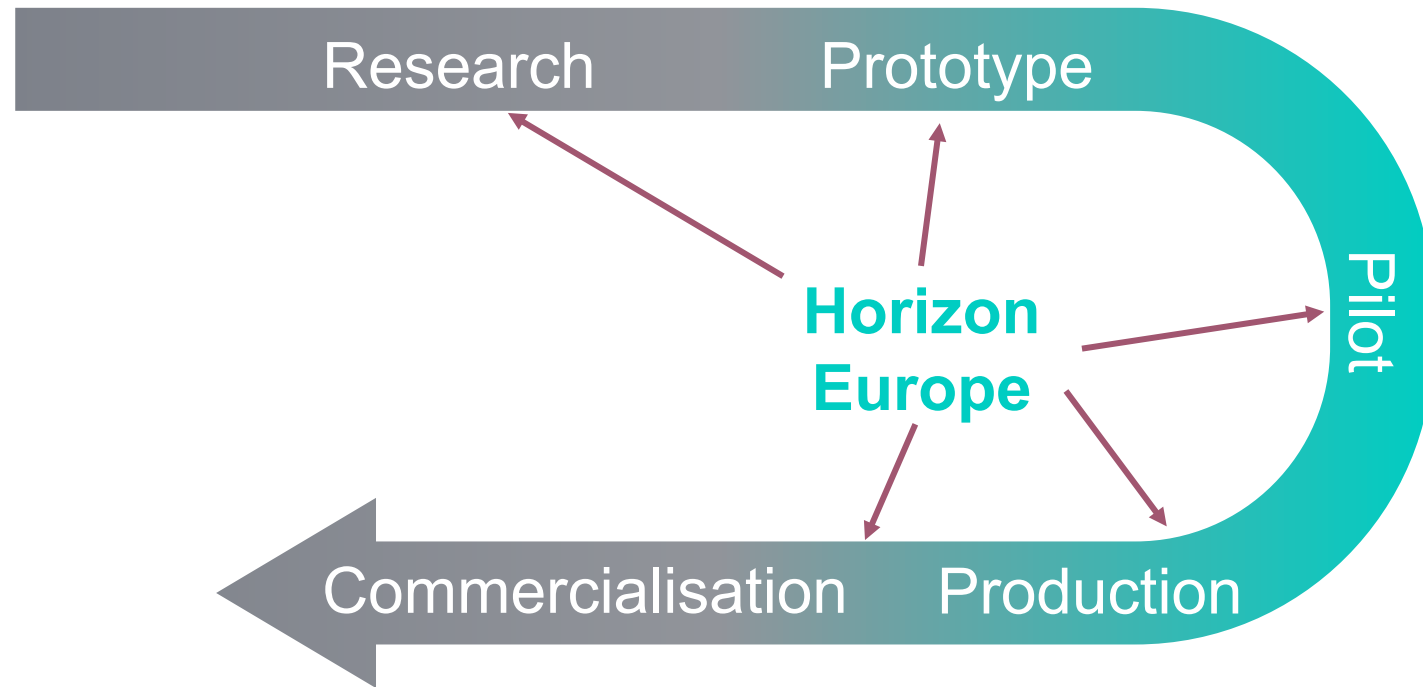
Why Participate in Horizon Europe?



Target Companies



Horizon Europe for Companies



→ Grant up to 100% of direct costs + 25% overheads



Collaborative Projects & Missions



Grant

Top-down topics

Collaborative projects



Cancer



Adaptation to climate change, incl. societal transformation



Healthy oceans, seas, coastal and inland waters



Climate-neutral smart cities



Soil health and food



Collaborative Projects: Top down topics (365 open & forthcoming)



Develop new methods and technologies for cancer screening and early detection

HORIZON-MISS-2021-CANCER-02-01

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Research and Innovation Actions	Deadline model	single-stage
Opening date	22 December 2021	Deadline date	26 April 2022 17:00:00 Brussels time

Bringing green hydrogen MW scale off grid installations closer to technical and financial maturity

HORIZON-JTI-CLEANH2-2022-01-07

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON JU Innovation Actions	Deadline model	single-stage
Opening date	31 March 2022	Deadline date	31 May 2022 17:00:00 Brussels time

Artificial intelligence, big data and democracy

HORIZON-CL2-2022-DEMOCRACY-01-01

Programme	Horizon Europe (HORIZON)	Status	Open for submission
Type of action	HORIZON Research and Innovation Actions	Deadline model	single-stage
Opening date	20 January 2022	Deadline date	20 April 2022 17:00:00 Brussels time



Renewable energy carriers from variable renewable electricity surplus and carbon emissions from energy consuming sectors

HORIZON-CL5-2022-D3-02-05

Programme	Horizon Europe (HORIZON)	Status	Forthcoming
Type of action	HORIZON Innovation Actions	Deadline model	single-stage
Opening date	26 May 2022	Deadline date	27 October 2022 17:00:00 Brussels time

AI, Data and Robotics for Industry optimisation (including production and services) (AI, Data and Robotics Partnership) (IA)

HORIZON-CL4-2022-DIGITAL-EMERGING-02-05

Programme	Horizon Europe (HORIZON)	Status	Forthcoming
Type of action	HORIZON Innovation Actions	Deadline model	single-stage
Opening date	16 June 2022	Deadline date	16 November 2022 17:00:00 Brussels time

2D-material-based composites, coatings and foams (IA)

HORIZON-CL4-2022-DIGITAL-EMERGING-02-20

Programme	Horizon Europe (HORIZON)	Status	Forthcoming
Type of action	HORIZON Innovation Actions	Deadline model	single-stage
Opening date	16 June 2022	Deadline date	16 November 2022 17:00:00 Brussels time

How to participate

1) Find interesting topics

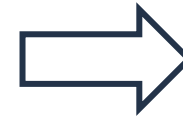



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Company Advisors

CONTEXITY

2) Find partners for a consortium

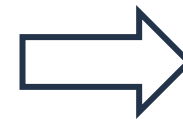
Best way: Get invited to join a existing consortium



Your network



3) Participate in proposal planning and writing





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National Contact Points

4) Submit proposal & get it evaluated

5) Request funding from SERI



 Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

State Secretariat for Education,
Research and Innovation SERI



*European
Innovation Council,
Eurostars, Swiss
Accelerator*

Stefan Fischer



European Innovation Council (EIC)

EIC Pathfinder

- Grant
- Collaborative project

from **TRL1 to TRL3**

Novel, **breakthrough** & **disruptive** technologies.

EIC Transition

- Grant
- Collaborative or individual projects
- Coaching

from **TRL3 to TRL6**
to market & scaling-up
TRL9

To **mature** the technology

EIC Accelerator

- Grant or blended finance
- Individual project
- Coaching

from pre-commercial **TRL6**
to market & scaling-up
TRL9

For **scale-up** too risky for private investors.



EIC Open Funding Instruments

Pathfinder Open

Deadline: 2022-05-04

- any field of science or technology, based on high-risk/high-gain science-towards-technology breakthrough.

Transition Open

Deadlines: 2022-05-04,
2022-09-28

- builds on research results to demonstrate and mature the technology and develop business plans.

Accelerator Open

Deadlines: 2022-06-15,
2022-10-05

- Supports individual SMEs to develop and scaleup game-changing innovations.



EIC Challenges

EIC Pathfinder Challenges

Deadline: 2022-10-19

- Carbon dioxide and Nitrogen management and valorisation
- Mid to long term and systems integrated energy storage
- Cardiogenomics
- Healthcare Continuum
- DNA-based Data
- Quantum Information Processing,

EIC Transition Challenges

Deadlines: 2022-05-04,
2022-09-28

- Green digital devices for the future
- Process and system integration of clean energy technologies
- RNA-based therapies and diagnostics

EIC Accelerator Challenges

Deadlines: 2022-06-15,
2022-10-05

- Technologies for Open Strategic Autonomy
- Technologies for 'Fit for 55'

Contact us:

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pathfinder@euresearch.ch

transition@euresearch.ch

accelerator@euresearch.ch

euresearch

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research and innovation

European Institute of Innovation and Technology (EIT)

Knowledge & Innovation Communities (KICs)

- Bottom-up projects + needs-driven thematic innovation approach, aligned with the EU strategy and Sustainable Development Goals (SDG)
- Membership-based approach
- Strong focus on innovation: bringing academia, research centers, Technology Transfer Offices, and private companies, including SMEs/start-ups together in projects.
- EIT funding opportunities.



Eurostars



- The Eurostars call supports innovative SMEs, and the development of innovative products, processes and services.
- The project requires a transnational consortium and is led by an SME.
- Project duration: 36 months or less.

Next Deadline: 15 September 2022, two deadlines per year

The funding covers the following project costs of Swiss partners:

SMEs	50%
Large companies	25%
Research institutions	50%

Support through Innosuisse mentors is available.

More information: Innosuisse

Swiss Accelerator

Transition measure replacing EIC Accelerator in 2022

- Swiss Startups and SMEs are eligible
- TRL 5 and BRL 5 expected
- Grant: 2.5 million CHF
- Typical duration: 24 months
- Funding rate: 70%
- No overhead

Three step application process:

- Short proposal, submission of proposals between 19 April and 10 May 2022 (12:00 CEST).
- Full proposal
- Interview

Around 40 proposals will be funded

Swiss Accelerator call on the Innosuisse web site

The screenshot displays the Innosuisse website's 'Swiss Accelerator: Call for projects 2022' page. The page is in German and features a navigation menu at the top with options like 'Innosuisse', 'Schweizerische Eidgenossenschaft', and 'Confédération suisse'. The main content area includes a breadcrumb trail: 'Innosuisse is the Swiss Innovation Agency > Promotion of national projects > Swiss Accelerator for start-ups and SMEs > Call for projects 2022'. The page title is 'Swiss Accelerator: Call for projects 2022'. A 'Contact' sidebar on the right lists contact information for the Swiss Accelerator, including Laura Lang, Alessia Salmina, Jade Son-ù-Ta, and a phone number (+41 58 465 96 44). The main text describes the call for projects, stating that Swiss start-ups and SMEs can apply for direct financial support for innovation projects with significant potential. It mentions that the funding from Innosuisse is a maximum of 70 percent of project costs. A 'Step by step' section lists six steps: 1. Submit short application, 2. Submit full application, 3. Hold application presentation, 4. Funding decision and project start, 5. Project reporting, and 6. Complete project. The page also includes social media icons and a footer with 'Follow us' links for LinkedIn, Twitter, Facebook, YouTube, and Newsletter, along with 'Data Protection Policy' and 'Legal framework' links.



Swiss Accelerator – Evaluation Criteria

1. Innovation

- Level of innovation
- Scalability
- Scientific basis and feasibility
- Intellectual property
- Timing

2. Value creation

- Market potential
- Competition
- Marketing
- Sustainability
- Value creation in Switzerland

3. Project set-up

- Project planning
- Team
- Risk management
- Key partners

4. Cost-benefit ratio

- Cost-benefit ratio

EEN Switzerland



www.swisseen.ch/en/

International Partnering for Research and Innovation

Find partners exploiting your technology /
knowledge

Find partners providing a technological
solution to your need/problem

Offer your expertise for technology and
research cooperation (e.g. consortia for
research projects)



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WE INFORM you about:

- European research and innovation programmes
- Upcoming calls for proposals and funding opportunities
- Latest, targeted news on calls, news and events by email
- Events and trainings on Horizon Europe & other European programmes and initiatives

WE ADVISE you on:

- Eligibility and Idea Check
- Proposal advice, consortium advice, proposal review, training on specific skills
- Project Contract Support
- Project management support via training workshops, visits and personal contacts

WE CONNECT you with:

- Partners for research consortia
- Partners for the use of innovative technologies
- Partners to solve technology and know-how problems via partnering platforms, networking and brokerage events

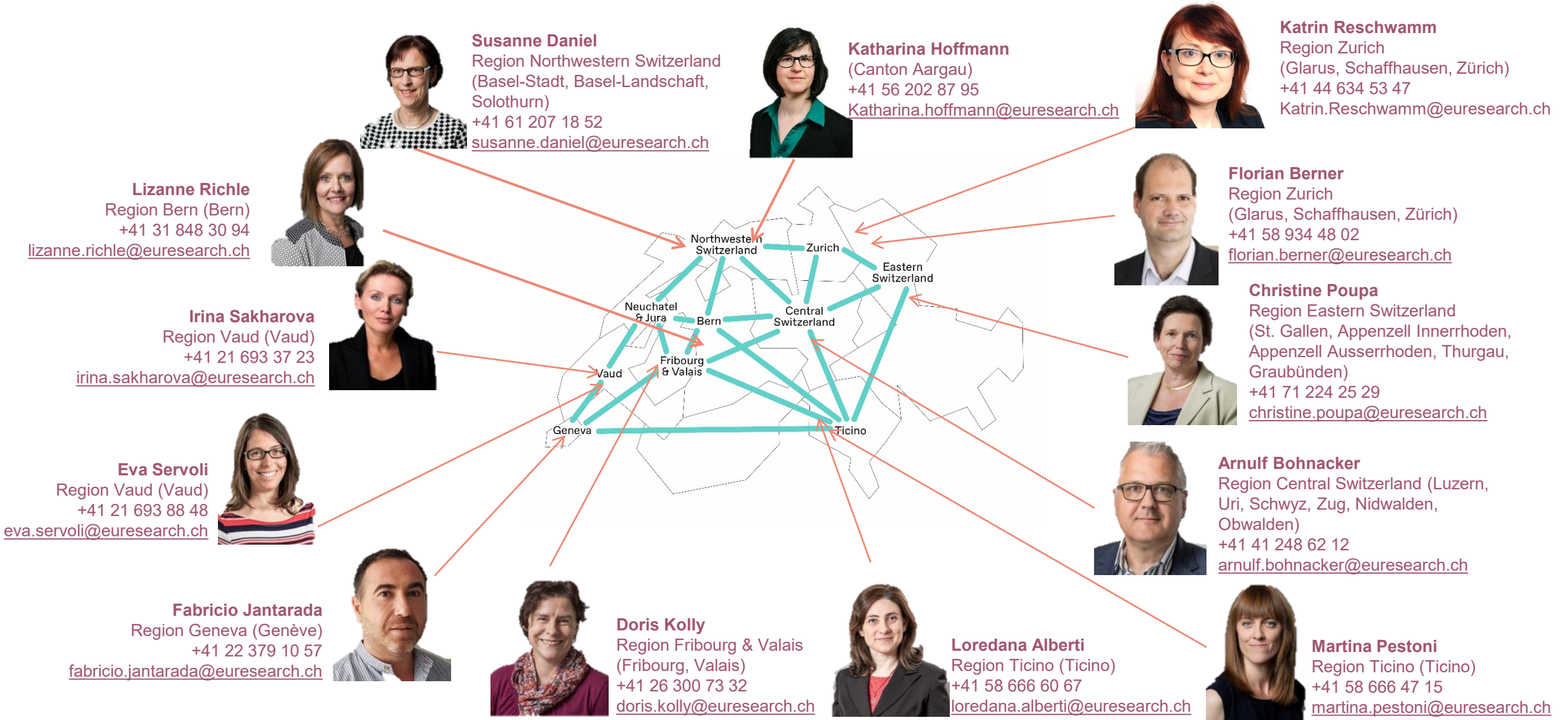
General Information: Swiss Status



Goal: full association of Switzerland to FP9

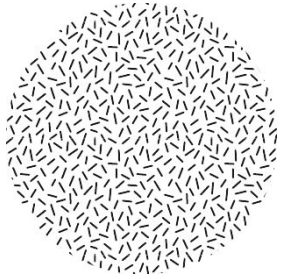
Q&A on Swiss Participation in Horizon Europe on the website of the State Secretariat for Education, Research and Innovation SERI

Swiss Company Advisors

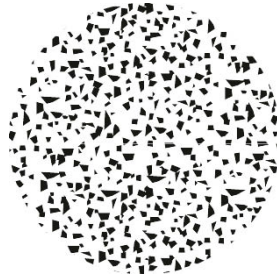


Social Media @ Euresearch

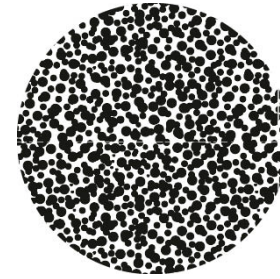
Euresearch currently uses three social media channels:



LinkedIn:
[www.linkedin.com/
company/euresearch](http://www.linkedin.com/company/euresearch)



Twitter :
[https://twitter.com/
swisseuresearch](https://twitter.com/swisseuresearch)



YouTube:
[www.youtube.com/user/eu
research](http://www.youtube.com/user/euresearch)

— 2022

Horizon Europe: Still a lot of opportunities!

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Contextity

The clever way to find topics!