PROGRAMME: WEBINAR CULTURE, CREATIVITY AND INCLUSIVE SOCIETY (CLUSTER 2)

- Welcome

- Introduction to HEU and Cluster 2

- Cluster 2: Work Programme 2021-2022

- SSH(A)-integration in Horizon Europe

- The role of Cultural and Creative industries in Horizon Europe

- Where to find more information

Turn off your microphone and camera

Please use the chat for questions

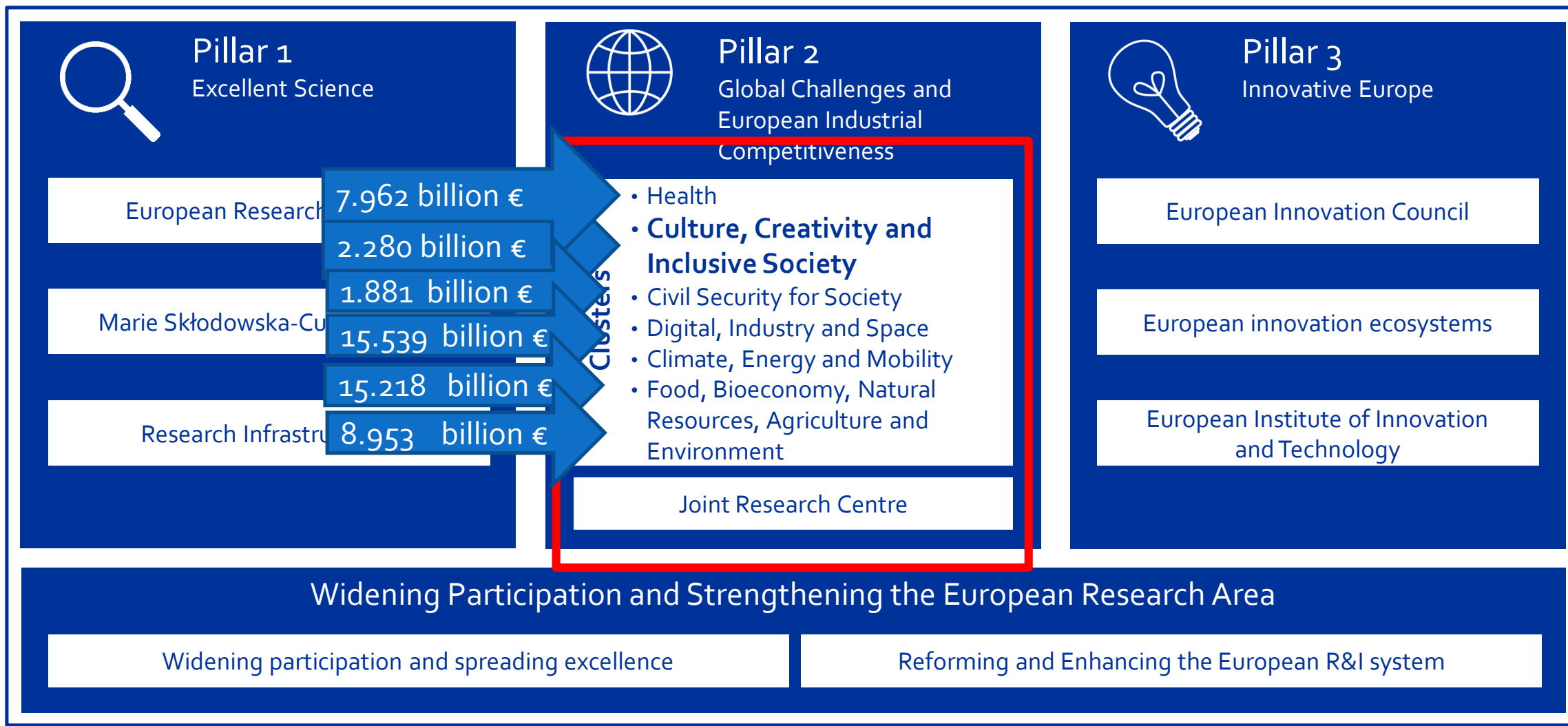The presentations will be available online: horisonttieurooppa.fi

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Horizon Europe, ~95,5 billion euros for 2021 – 2027

Pillar 1
Excellent Science

European Research Council

Marie Skłodowska-Curie Actions

Research Infrastructures

Pillar 2
Global Challenges and European Industrial Competitiveness

Clusters

- Health
- **Culture, Creativity and Inclusive Society**
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment

Joint Research Centre

Pillar 3
Innovative Europe

European Innovation Council

European innovation ecosystems

European Institute of Innovation and Technology

7.962 billion €

2.280 billion €

1.881 billion €

15.539 billion €

15.218 billion €

8.953 billion €

Widening Participation and Strengthening the European Research Area

Widening participation and spreading excellence

Reforming and Enhancing the European R&I system

Pillar I: EXCELLENT SCIENCE: reinforcing and extending the excellence of the Union's science base

European Research Council (ERC)

- Supports excellence in frontier research through a bottom-up, individual-based, pan-European competition
  - Independent Scientific Council
  - Excellence as the only criterion,
  - Support for the individual scientist – no networks!
  - Global peer-review
  - Bottom-up, all fields of science

ERC contact in Finland

Annika Raitala, Academy of Finland

Marie-Sklodowska-Curie Actions (MSCA)

- Equipping researches with new knowledge and skills through mobility and training
  - International mobility
  - Bottom up, open to all domains of R&I
  - Open to the whole world
  - Supervision, mentoring, career guidance and career development
  - Participation of both academic and non-academic (private) sector organisations

MSCA contact in Finland

Satu Huuha-Cissokho, Academy of Finland

Research Infrastructures

- Integrated and inter-connected world-class research infrastructures
  - Developing, consolidating and optimising European Research Infrastructures
  - Enabling an operational European Open Science Cloud (EOSC) ecosystem
  - For frontier research and for challenge-driven research (e.g. health research, and green and digital transformation)

Research Infrastructure contact in Finland

Merja Särkioja, Academy of Finland

Pillar III: European Innovation Council, EIC

Support to the full innovation cycle from **research and development** to **rapid scale** up of innovative technologies and companies (mainly start-ups and SMEs) at international level.

- **Pathfinder** (ex-FET): early stage research of breakthrough technologies by a multidisciplinary consortium

- **Transition:** develop market readiness of most potential research findings – open only to Pathfinder or ERC PoC projects

- **Accelerator** (ex SME Instrument)**:** finalize the technology, commercialisation and scale-up by single innovative SMEs
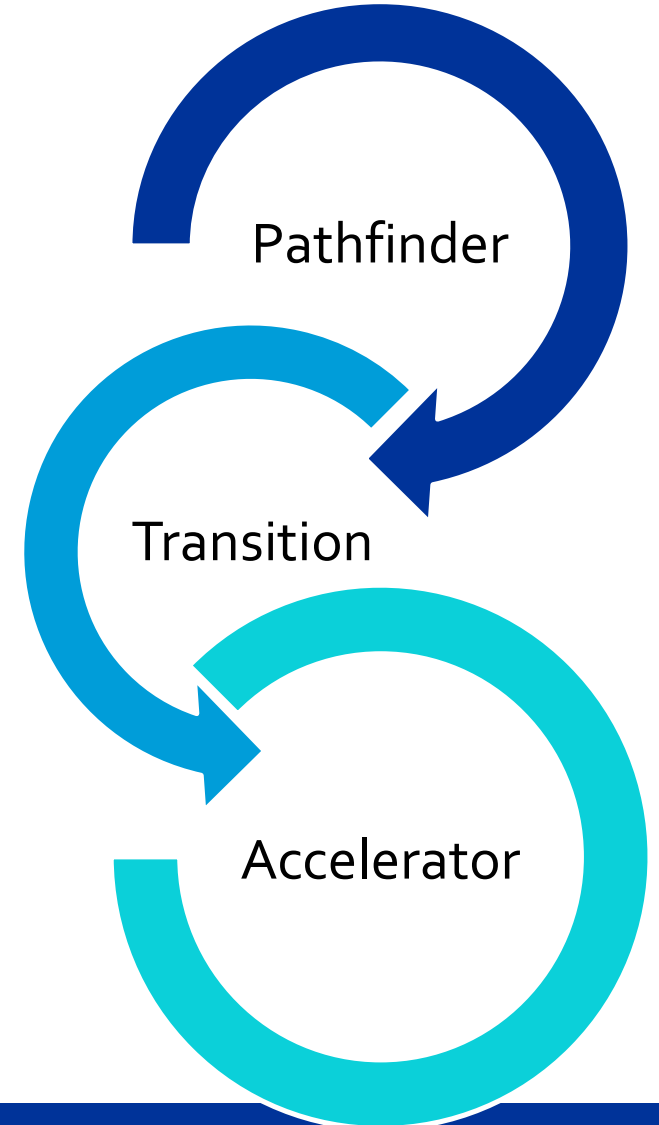
Funding mainly through **bottom-up schemes** – *Open Calls*

All instruments also contribute to **thematic priorities**: Health & Biotech, Digital, Energy, Climate & Environment   – *Challenge Calls*

EIC contacts in Finland

Elina Holmberg, Business Finland

Hannele Lahtinen, Academy of Finland

Pathfinder

Transition

Accelerator

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Pillar IV: Widening participation and strengthening the European Research Area

A horizontal programme supporting

1) excellence and development of critical mass in the low R&I performing Member states (= widening countries), i.a. through collaboration with more R&I intensive MSs

2) mobility to widening countries (Inclusion Fellowships, ERA Chairs)

3) development of institutional policies and practices in ERA, related e.g. to open science, gender equality, citizen science, research integrity, science communication

Widening/ERA contact in Finland

Vera Mikkilä, Academy of Finland

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WP 2021-22 consists of 3 Destinations

Destination 1: Democracy and Governance

Aim: Strengthening democracy, political participation and human rights

Destination 2: European Cultural Heritage and The European Cultural and Creative Industries

Aim: Protection and promotion of European cultural heritage and cultural diversity

Destination 3: Social and Economic Transformations

Aim: Combining economic growth with resposible development and social inclusion

Destination 1: Democracy and Governance

Expected impact:

- Democratic governance is reinvigorated by improving the <u>accountability, transparency, effectiveness and trustworthiness of rule-of-law based institutions and policies</u> and through the expansion of <u>active and inclusive citizenship</u> empowered by the safeguarding of fundamental rights.

Destination 1: Democracy and Governance

Calls	Timeline	Indicative budget	Number of topics (type of action)
2021 Call: Protecting and nurturing democracies	Opening: 15 April 2021 Deadline: 1 September 2021	50 million	5 (RIA)
2022 Call: Reshaping democracies	Opening: 20 January 2022 Deadline: 20 April 2022	81 million	9 (RIA)

Destination 1: Democracy and Governance Call topics 2021 (tentative)

- The future of liberal democracy in Europe

- Economic models and modern democracies

- Feminisms for a new age of democracy

- Democratic politics in the EU's neighbourhood

- Politics and governance in a post-pandemic world

Destination 1: Democracy and Governance Call topics 2022 (tentative)

- Artificial intelligence, big data and democracy

- The future of democracy and civic participation

- The impact of inequalities on democracy

- Education for democracy

- Evolution of political extremism and its influence on contemporary social and political dialogue

- Media for democracy – democratic media

- Politics and the impact of online social networks and new media

- Representative democracy in flux

- Global governance for a world in transition: Norms, institutions, actors

Destination 2: European Cultural Heritage and The European Cultural and Creative Industries

Expected impact:

- The <u>full potential of cultural heritage</u>, arts and cultural and <u>creative sectors as a driver of sustainable innovation</u> and a European sense of belonging is realised through <u>a continuous engagement with society, citizens and economic sectors</u> as well as through better <u>protection, restoration and promotion of cultural heritage</u>

Destination 2: European Cultural Heritage and The European Cultural and Creative Industries

Calls	Timeline	Indicative budget	Number of topics (type of action)
2021 Call 1: Research and innovation on cultural heritage and CCIs	Opening: 15 April 2021 Deadline: 1 September 2021	45 million	4 (RIA)
2021 Call 2: Engagement with stakeholders	Opening: 15 April 2021 Deadline: 15 June 2021	6.50 million	2 (CSA)
2022 Call: Research and innovation on cultural heritage and CCIs	Opening: 20 January 2022 Deadline: 20 April 2022	92.80 million	9 (RIA, CSA)

Destination 2: Cultural Heritage Call Topics 2021 (tentative)

- Green technologies and materials for cultural heritage

- New ways of participatory management and sustainable financing of museums and other cultural institutions

- Cultural and creative industries as a driver of innovation and competitiveness

- Preserving and enhancing cultural heritage with advanced digital technologies

- Coordination of European cultural heritage research and innovation among Member States

- Mobilising the network of National Contact Points in Cluster 2

Destination 2: Cultural Heritage
Call Topics 2022 (tentative)

- Safeguarding endangered languages in Europe

- Europe's cultural heritage and arts - promoting our values at home and abroad

- The role of perceptions, formed by traditions, values and beliefs, in shaping European societies and politics in the 21st century

- Traditional crafts for the future: a new approach

- Towards a competitive, fair and sustainable European music ecosystem

- Increase the potential of the international competition of the European filmmaking industry

- Protection of artefacts and cultural goods from anthropogenic threats

- Effects of climate change and natural hazards on cultural heritage and remediation

- Games and culture shaping our society

- European Bauhaus

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Destination 3: Social and Economic Transformations

Expected impact:

- Social and economic resilience and sustainability are strengthened through <u>a better understanding of the social, ethical, political and economic impacts of drivers of change</u> (such as technology, globalisation, demographics, mobility and migration) and their interplay.

- Inclusive growth is boosted and vulnerabilities are reduced effectively through <u>evidence-based policies for protecting and enhancing employment, education, social fairness and tackling inequalities,</u> including in response to the socio-economic challenges due to the COVID-19 pandemic.

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Destination 3: Social and Economic Transformations

Calls	Timeline	Indicative budget	Number of topics (type of action)
2021 Call: Inclusiveness in times of change	Opening: 15 April 2021 Deadline: 1 September 2021	57 million	6 (RIA, CSA)
2022 Call: A sustainable future for Europe	Opening: 20 January 2022 Deadline: 20 April 2022	90 million	10 (RIA)

Destination 3: Transformations Call Topics 2021 (tentative)

- Estimates and conditions of irregular migrants in Europe

- Providing support in a changing world of work and social protection

- Determining key drivers of inequality trends

- Addressing poor learning outcomes in basic skills and early school leaving at national, regional and local level in Europe

- Integration of emerging new technologies into education and training

- Employment and social impacts of changing supply chains and declining trade intensities

- Upgrading Independent Knowledge on Contemporary China in Europe

Destination 3: Transformations Call Topics 2022 (tentative)

- Public policies and indicators for social well-being and sustainable development

- The impact of spatial mobility on European demographics, society, welfare system and labour market

- Conditions of irregular migrants in Europe

- Decision-making processes of (aspiring) migrants

- Gender and social, economic and cultural empowerment

- Overcoming discrimination for an inclusive labour market

- Conditions for the successful development of skills matched to needs

- Strengthening racial, ethnic and religious equity

- Return and readmission of irregular migrants in the EU

- Socio-economic effects of ageing societies

Cluster 2 WP 2021-2022 - Summary

- 3 Destinations: Democracy and Governance, Cultural Heritage and CCI's, Social and Economics Transformations

- Funding available: 422,3 Million
  - Democracy 131 M, Cultural Heritage 144,3 M, Transformations 147 M

- Number of call topics: 45

- Funding instruments
  - **Research and Innovation Actions** (Producing new information and technologies; Supporting research and development activities; Funding rate 100%)
  - **Coordination and Support Actions** (Coordinate, support and activate research; Networks, workshops, preparatory work; Funding rate 100%)

Integration of social sciences and humanities

What & why?

- Global challenges too complex
- Not overcome by a single scientific discipline
- Technical solutions not enough.
- Lasting societal impacts rely on insights from social sciences and the humanities.
- Improved integration of SSH expected to lead to stronger societal impact, broaden citizen engagement and a better future.

FP7
- Programme dedicated to ssh
  ➢ Working independently

Horizon 2020
- SSH cross-cutting issue
  ➢ Working together

Integration of social sciences and humanities: What's new in Horizon Europe?

SSH integration is already a cross-cutting principle under Horizon 2020

- SSH-flagging of topics
- Yearly monitoring of SSH integration

In Horizon Europe SSH integration will be

- More holistic (applying across the entire program and over the entire cycle)
- More explicit (expected societal impacts clearly set out)
- More forceful (explicitly evaluated and followed-up)

SSH(A) in Horizon Europe

Dedicated Cluser to SSH(A)

Cluster 2: Culture, Creativity and Inclusive Society
- Dedicated to the human, social and societal aspects of EU-funded R&I
- Predominantly SSH-focused

Intergration of SSH(A)

- Integration of social sciences and humanities (SSH) in **all clusters**
- Including all **missions and partnerships**
- A principle **through the programme cycle.**
- SSH are a key constituent of research and innovation, **especially regarding the twin green and -digital transitions.**

Integration of ssh(a) – cross-cluster synergies

Cluster 1 (health):

health related socio-economic inequalities, adaptation of public health systems to societal challenges (e.g. demographics), health economics and economic models, cost-effectiveness, fiscal sustainability and accessibility of healthcare.

Cluster 3 (security):

countering radicalisation and extremism, building societal resilience to disinformation and fake news, improving response to domestic violence, and protecting cultural heritage.

Cluster 4 (digital, industry, space): qualitative research on the nature of job transformations for industry 4.0/5.0, the analysis of human-machines interactions, business models for sustainable developments, citizens' participation and public engagement in industrial technologies, as well as cultural heritage research.

Cluster 5 (climate):

engaging and enabling citizens to participate in the clean energy transition, from planning to decision-making and implementation.

Cluster 6 (food, bioeconomy, environment):

improving rural well-being and long-term socio-economic prospects, promoting and valorising cultural heritage and developing innovative cultural and creative industries.

All topic descriptions will be available on the Funding and Tenders portal

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home

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The role of Cultural and Creative industries in Horizon Europe

- Europe's cultural production (in particular film and music) lags behind in international competitiveness despite its high quality and quantity.

- We need to protect, conserve, restore and repair Europes important cultural heritage

- Horizon Europe is
  - To strengthen our common knowledge and expertise in CCIs, as well as provide solid evidence for policy-making.
  - To promote CCIs use as one of the substantial European resources
  - To boost Europes traditional and contemporary arts
  - Green technologies and materials for cultural heritage

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EIT KIC Culture & Creativity

- UP COMING: Knowledge and Innovation Community (EIT KIC) Culture and Creativity

- Aim on EIT KICs to boost Europe's innovation capacity

More info on Horizon Europe and Cluster 2

horisonttieurooppa.fi

Commission Funding and Tenders –portal

Funded research projects: Results Platform

Brokerage events (tba)

@Eutifi LinkedIn: HorisonttiEU group

Finnish representatives for cluster 2 (tbc):

Floora Ruokonen, floora.ruokonen@aka.fi (delegate)

Petra Tarjanne, petra.tarjanne@tem.fi (alternate delegate)

Kenneth Nyholm, kenneth.nyholm@businessfinland.fi

Helena Vänskä, helena.vanska@aka.fi (NCP)

Katja Marjanen, katja.Marjanen@aka.fi (NCP)

Up-coming Horizon Europe events in Finland

https://www.businessfinland.fi/suomalaisille-asiakkaille/palvelut/rahoitus/horisontti-2020/lyhyesti
-> tapahtumat

- 13.1. Call information on HEU Cluster 1
- 14.1. Call information on HEU Cluster 5
- 14.1. Call information on HEU Cluster 2
- 19.1. Call information on HEU Clusteri 4
- 19.1. Euroopan innovaatio- ja teknologiainstituutti (EIT)
- 21.1. Call information on HEU Cluster 3
- 25.1. EOSC in Finland and in the European context
- 5.2. Horisontti Eurooppa: T&i-kumppanuudet

Your questions

- Any funding available for my specific research topic? Cultural tourism, gaming, music, digitalisation of cultural heritage objects…? Maybe, but
  ➤ Read the topic descriptions, ask the NCP's
  ➤ Come to our call info
  ➤ Projects are expected to be international, multidisciplinary, cross-sectoral

- The role of SME's in the consortium?
  ➤ Are welcome in any consortium, is an asset in the evaluation

- Where to find partners?
  ➤ Consult your networks, attend brokerage events, use the topic-specific partner search of the FT portal or EEN (for industry partners)

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