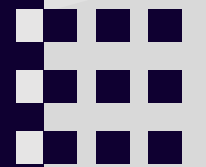


Siegfried Rupprecht

The Horizon Europe Framework Programme

Rhine-Alpine Talks, 5 Feb 2021



Horizon Europe Programme

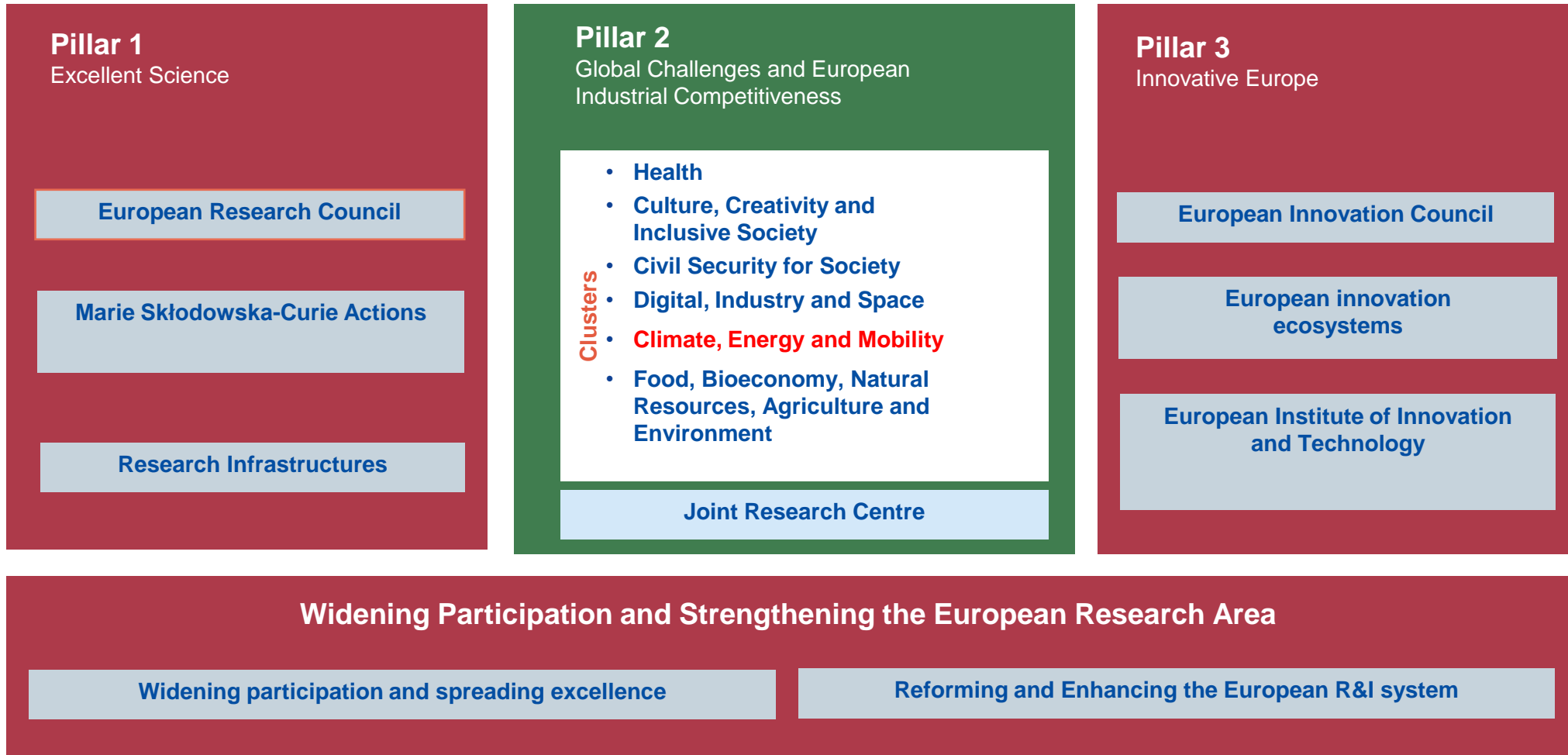
Some basics

- Europe's framework programme for research and innovation, **2021 – 2027**
- Launch 2 Feb 2021 by Portuguese presidency (online); [more introductory events to follow]
- **Budget** (part of Multiannual Financial Framework, MFF):
 - **95.5 billion euro** in current prices (incl. €9.9 billion additions from recovery fund & reinforcement) (= largest research & innovation programme worldwide)
 - 35% of budget planned to be spent on climate objectives
 - **€13.5 billion for cluster "5. Climate, Energy and Mobility"** (plus share from additions)
 - may change, e.g. due to UK participation
- **Keywords**
 - **Green Deal, recovery & resilience**, fair green & digital **transition**
 - public & private **investment** in research and development (3% of GDP for R&D by 2030)
 - research in support of **high-level policy goals**, as well as fundamental research



Horizon Europe Programme

Programme structure

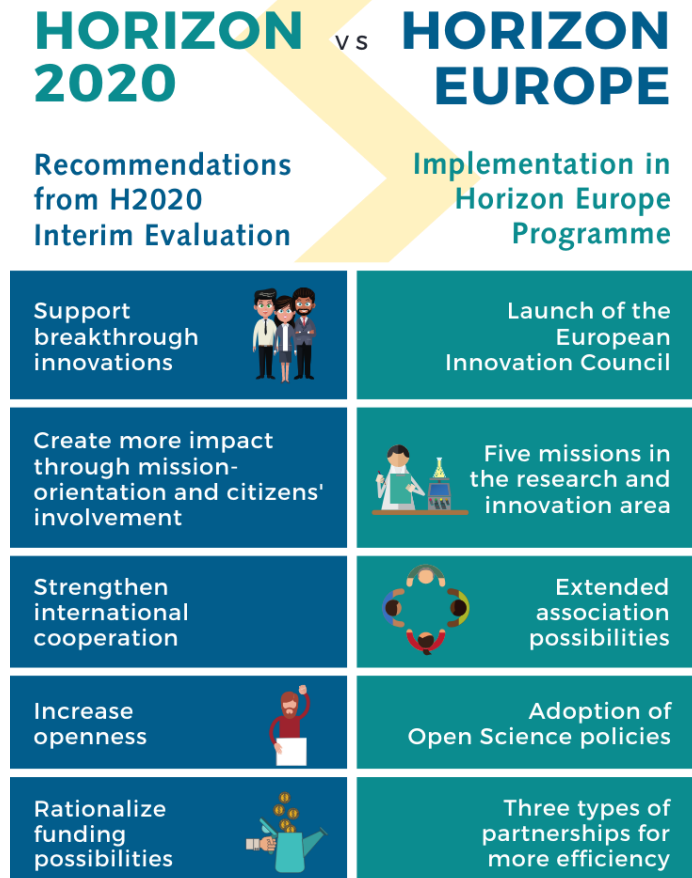


© European Commission

Horizon Europe Programme

Differences to Horizon 2020

- **Continuation** of Horizon 2020
 - Bi-annual **work programmes**, annual calls 2021, 2022, ...
 - Proposal evaluation & project management through **agencies**, e.g. INEA
 - **Time to grant** is max. 5 + 3 months from proposal submission
 - Most **participation and funding** rules remain
 - **Funding**: max. 100% for non-profit institutions; 25% indirect costs (max. 70% in IA's for commercial entities, but exceptions still possible)
- Definition of **programme priorities**
 - **Research Missions** → to propose policy approaches with bold impacts
 - Adaptation to climate change including societal transformation
 - Climate-neutral and smart cities
 - Healthy oceans, seas, coastal and inland waters
 - Cancer; Soil health and food
 - **Partnerships** (see Draft Strategic Plan) → to co-programme (& co-fund) → participation open
 - mobility-related: mode-focused (rail, air, waterborne, road), built environment, automation, urban transition, hydrogen, batteries, energy
 - digital, health, food, environment, industry, space, ...
- **Synergies** with other programmes (e.g. ERDF, CEF) → to be clarified

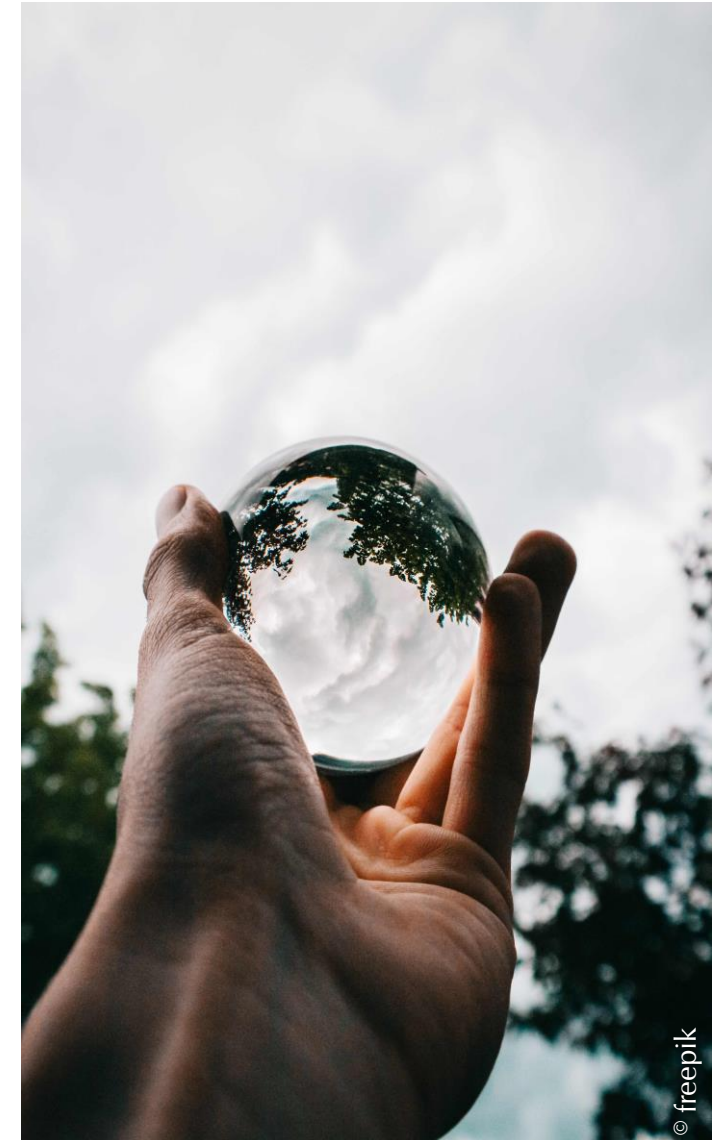


© European Commission

Work Programme "Climate, Energy and Mobility"

Some expected key words (with EGTC relevance)

- **Basis:** Draft Strategic Plan, Mission & Partnership reports, other public documents & events
- Reaching **climate neutrality**: mitigation, adaptation, transition
 - **cities, urban nodes** (CIVITAS 2030?)
- Ensuring sustainable, secure, competitive **energy supply**
 - **production & distribution** (all sources/ technologies)
 - **buildings & neighbourhoods** → Driving Urban Transitions Partnership
 - **electro mobility** → Towards Zero emission road transport Partnership (2Zero)
- Clean, resilient, safe and smart **mobility** for people & goods
 - energy us in **all modes**, incl. **waterborne** → Zero Emission Waterborne Transport (ZEWT) Partnership
 - Connected, Cooperative and **Automated** Mobility (demos, impacts, sharing, freight, ships, safety) → CCAM Partnership
 - **Safety & resilience** (all modes & system-wide)
 - **Multimodal & sustainable** transport systems for people & goods



Horizon Europe Programme

Expected timetable

until summer 2019

Exchange with Member States &
general public,
Set-up of Mission Boards



2020 – spring 2021

Drafting of Horizon Europe Work
Programme 2021 - 2022

Oct 2021 – Jan 2022

2nd Call Horizon Europe

mid 2019 - spring 2020

Stakeholder consultations,
e.g. Research & Innovation Days, Sept 2019
Institutional consultations,
e.g. with new Parliament, new Commission

Apr 2021 – Oct 2022

1st Call Horizon Europe

Thank you!

Siegfried Rupprecht
s.rupprecht@rupprecht-consult.eu

