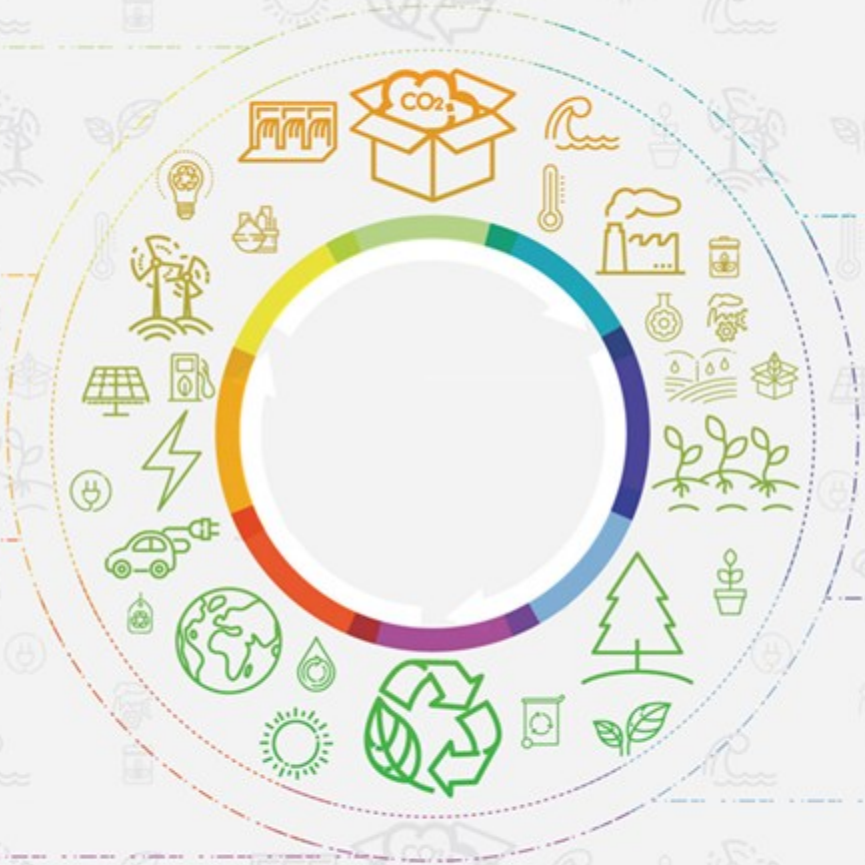


A Clean Planet for all

**A European strategic
long term vision for a
prosperous, modern,
competitive and
climate neutral
economy**

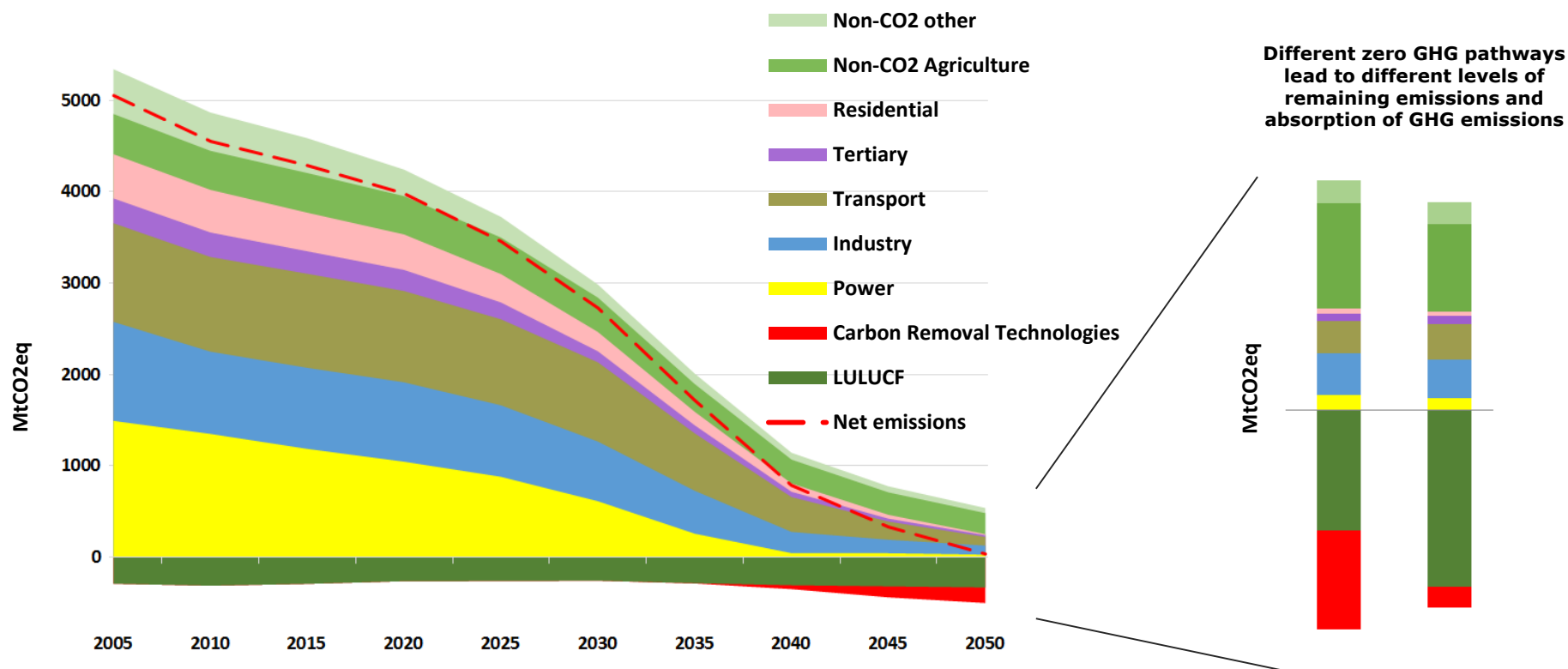


Building blocks for 2050

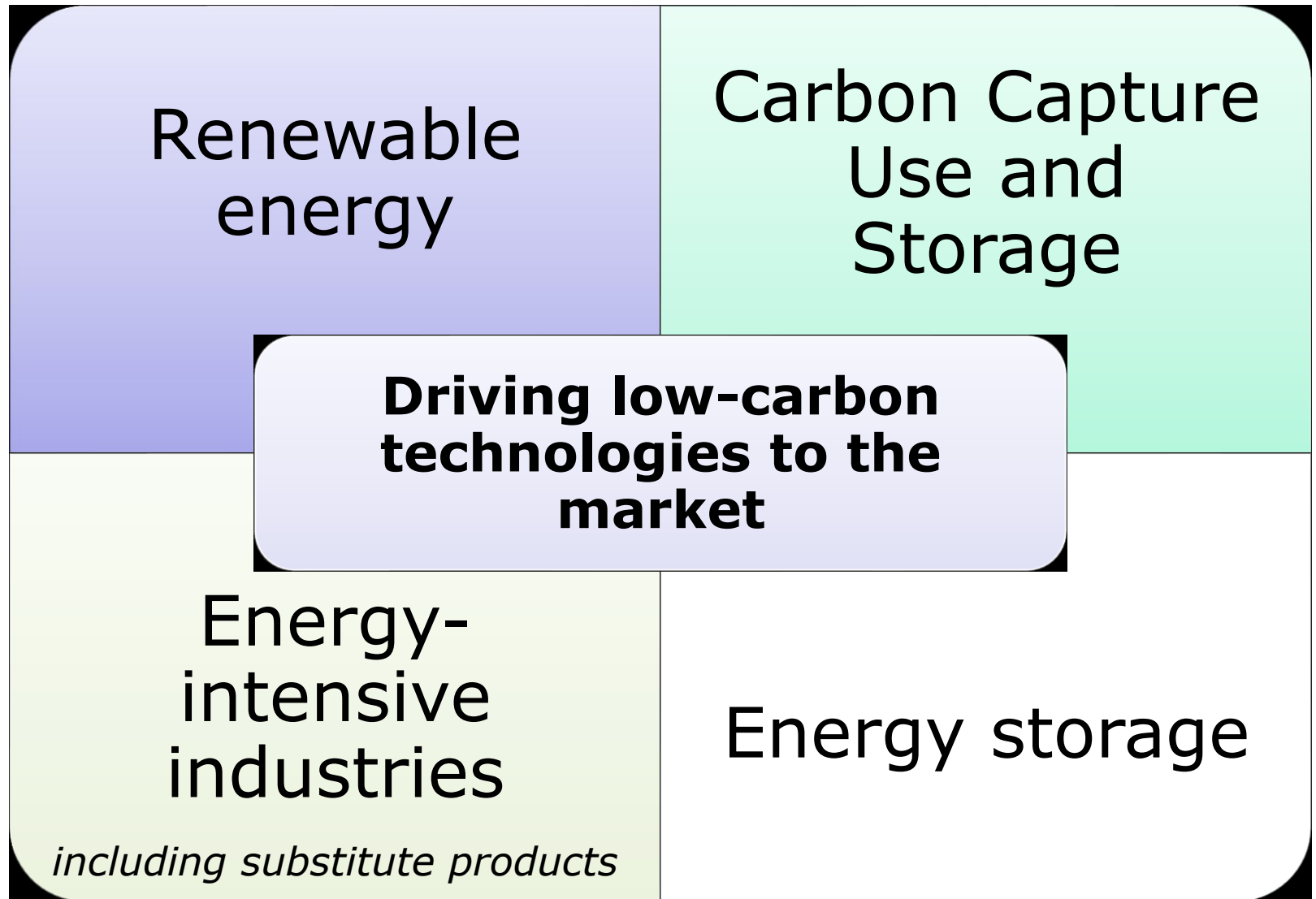
1. Energy efficiency
2. Deployments of renewables
3. Clean, safe & connected mobility
4. Competitive industry and circular economy
5. Infrastructure and inter-connections
6. Bio-economy and natural carbon sinks
7. Tackle remaining emissions with carbon capture and storage

Vision for a Clean Planet by 2050

Several pathways for a climate neutral Europe, challenging but feasible from technological, economic, environmental and social perspectives



Innovation Fund



Key features of the Innovation Fund

Volume of at least
EUR 10 billion at
current carbon
prices

Support of up to
60% of additional
costs related to
innovative
technology

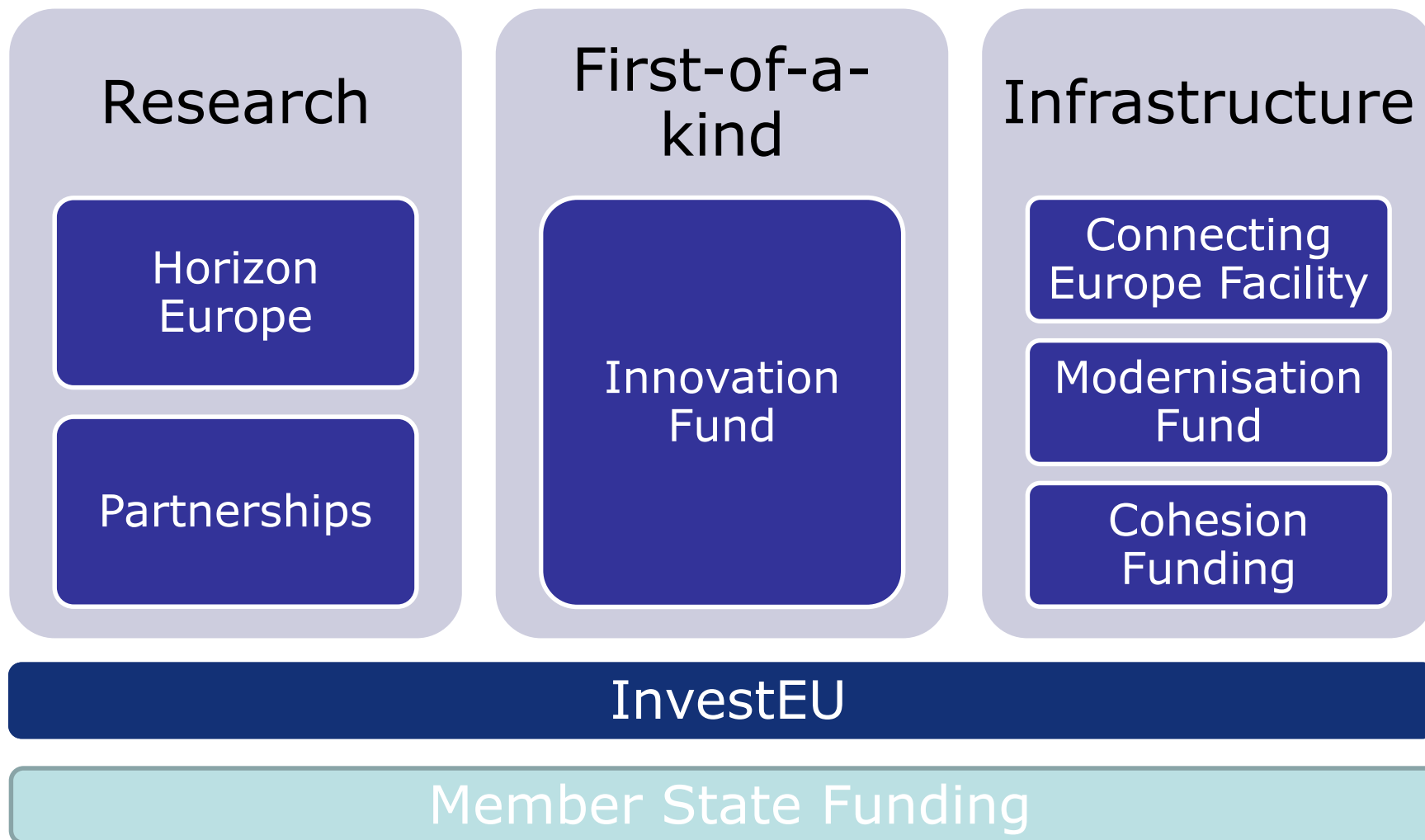
First call expected
for 2020 and
regular calls up to
2030

Financed from the
revenues of the EU
Emissions Trading
System

Support of
additional capital
and operating
costs (up to 10
years)

Comprehensive
selection criteria
and project
development
assistance

Innovation Fund complementarities



Technology and business

Selection criteria

Greenhouse gas
emissions avoidance

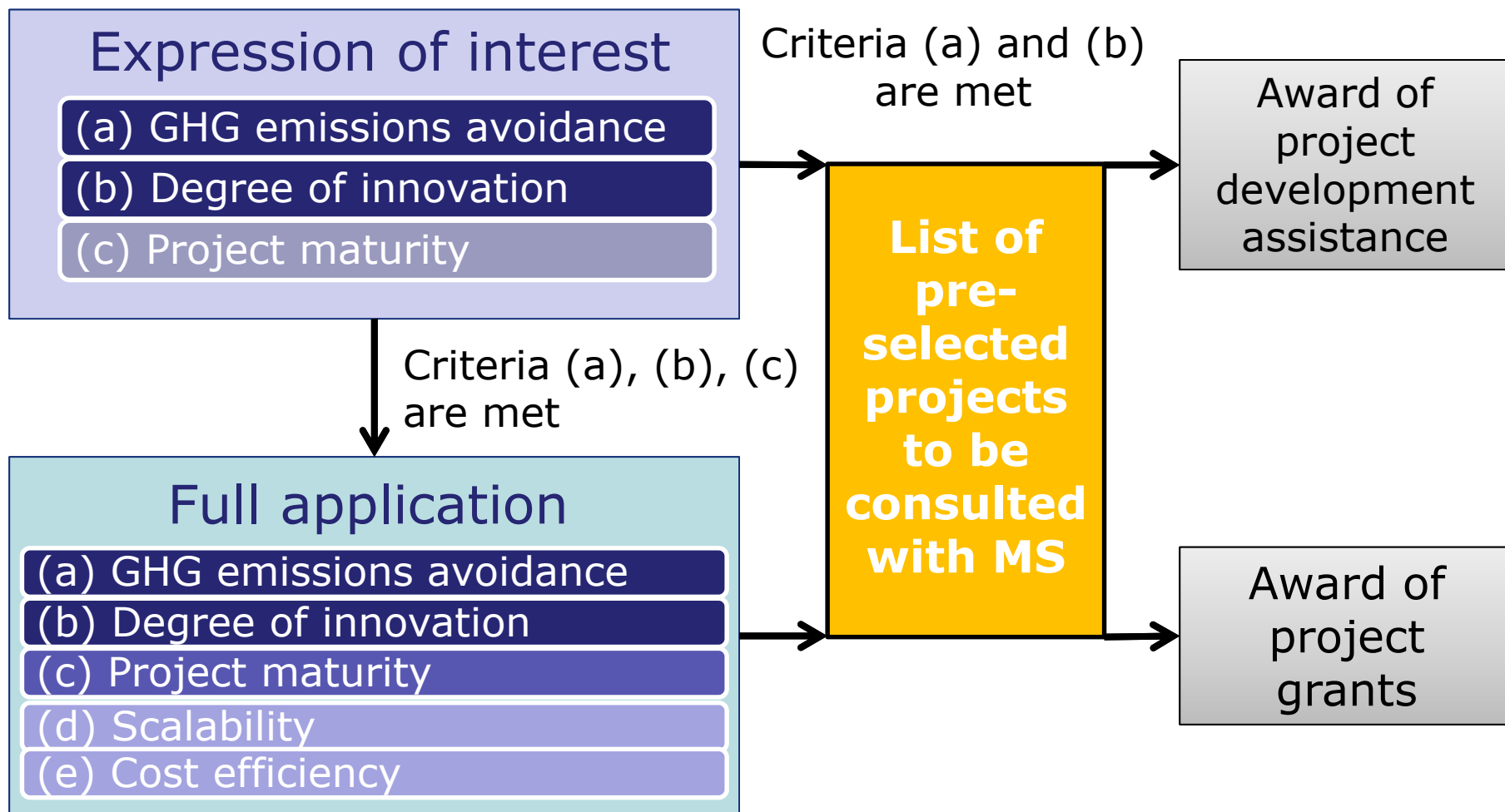
Degree of innovation

Project maturity

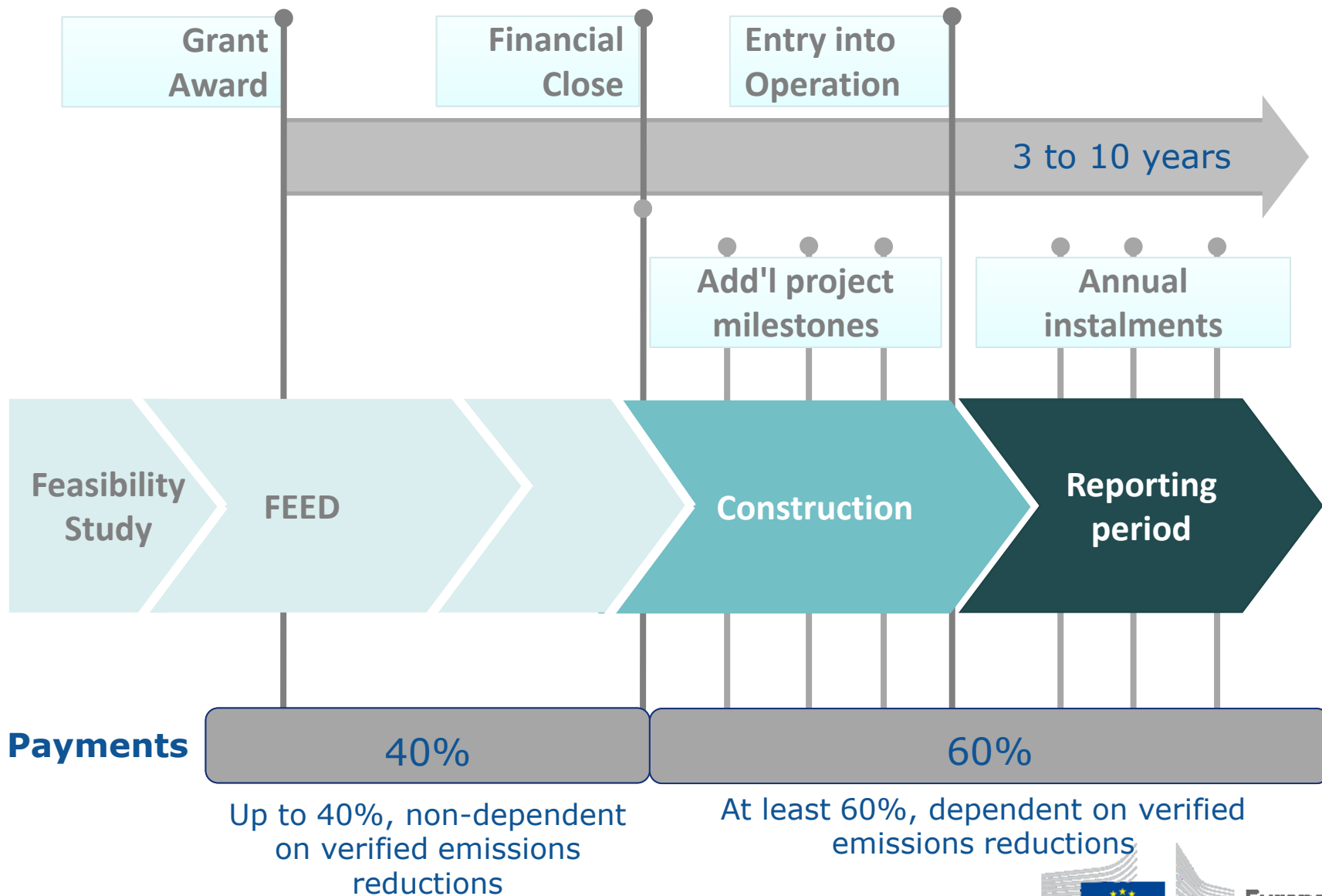
Scalability

Cost efficiency

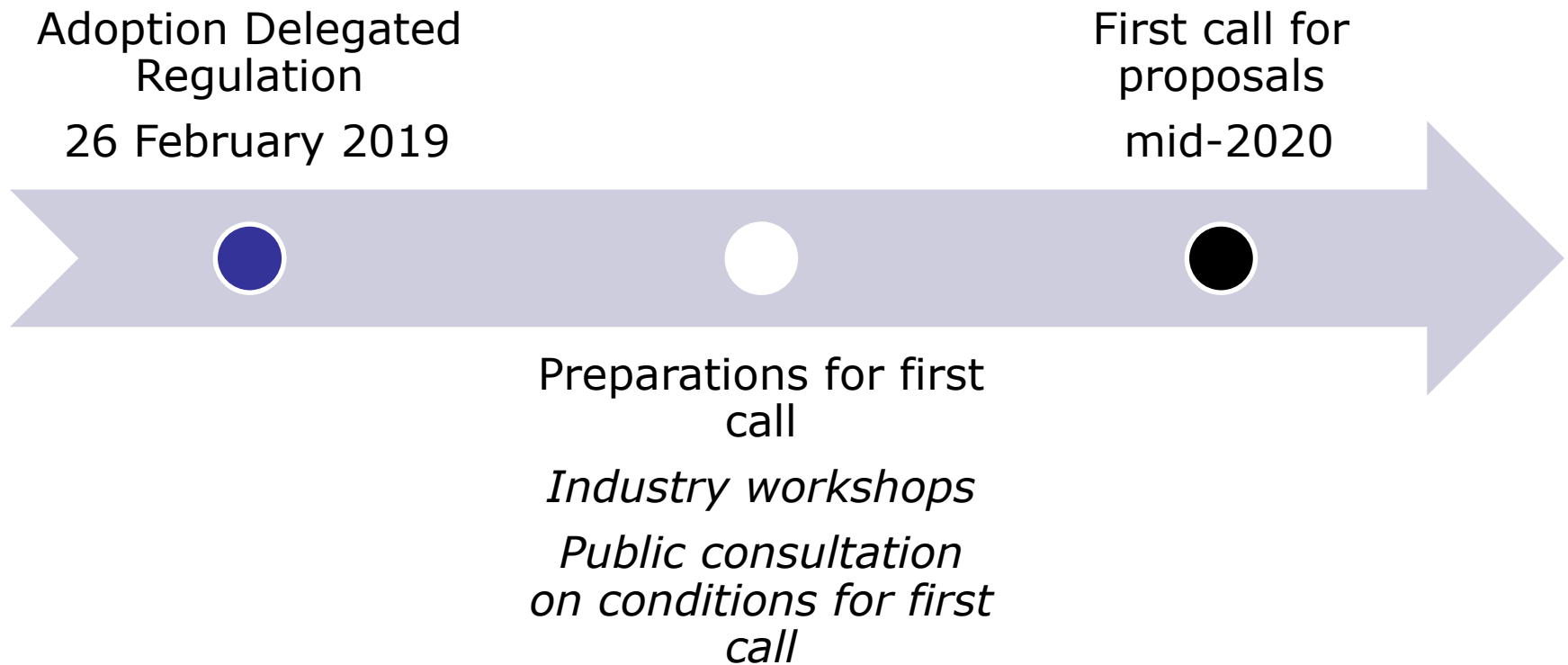
Two-stage selection process



Support across project life-cycle



Timeline – Innovation Fund



How to match project design and Innovation Fund (IF) support

Complexity and synergies

of activities and partners
e.g. CCUS or sector coupling

Target IF support to certain activities?

Synergies with other funding
e.g. for infrastructure

Timing

Can project be split in several stages?

IF support to be provided over several calls?

Additional costs and risks

What are the major costs and risks?

IF support for capital and/or operating costs?
(construction vs operation)

To which extent should risks (e.g. carbon price) be covered?



How to best select projects?

What are "best practice" examples?

- e.g. ARPA-E programme by US DoE
- Other EU programmes

Selection criteria

- How to calculate emissions avoidance?
- How to assess degree of innovation and market potential?
- Which level of proof for technical, regulatory and financial feasibility and readiness?
- Cost efficiency based on NER300 experience

Selection process

- Which level of proof for expression of interest?
- Which level of proof for full assessment?

INNOVATION FUND

Driving clean innovative technologies towards the market



First call for projects in 2020



€10 billion to invest up to 2030 in EU's climate neutral future



Avoid emissions and boost competitiveness

Supporting innovation in:



Energy intensive industries



Renewables



Energy storage



Carbon capture, use and storage

Funded by: EU Emissions Trading System

https://ec.europa.eu/clima/policies/innovation-fund_en
#InnovationFund



European
Commission