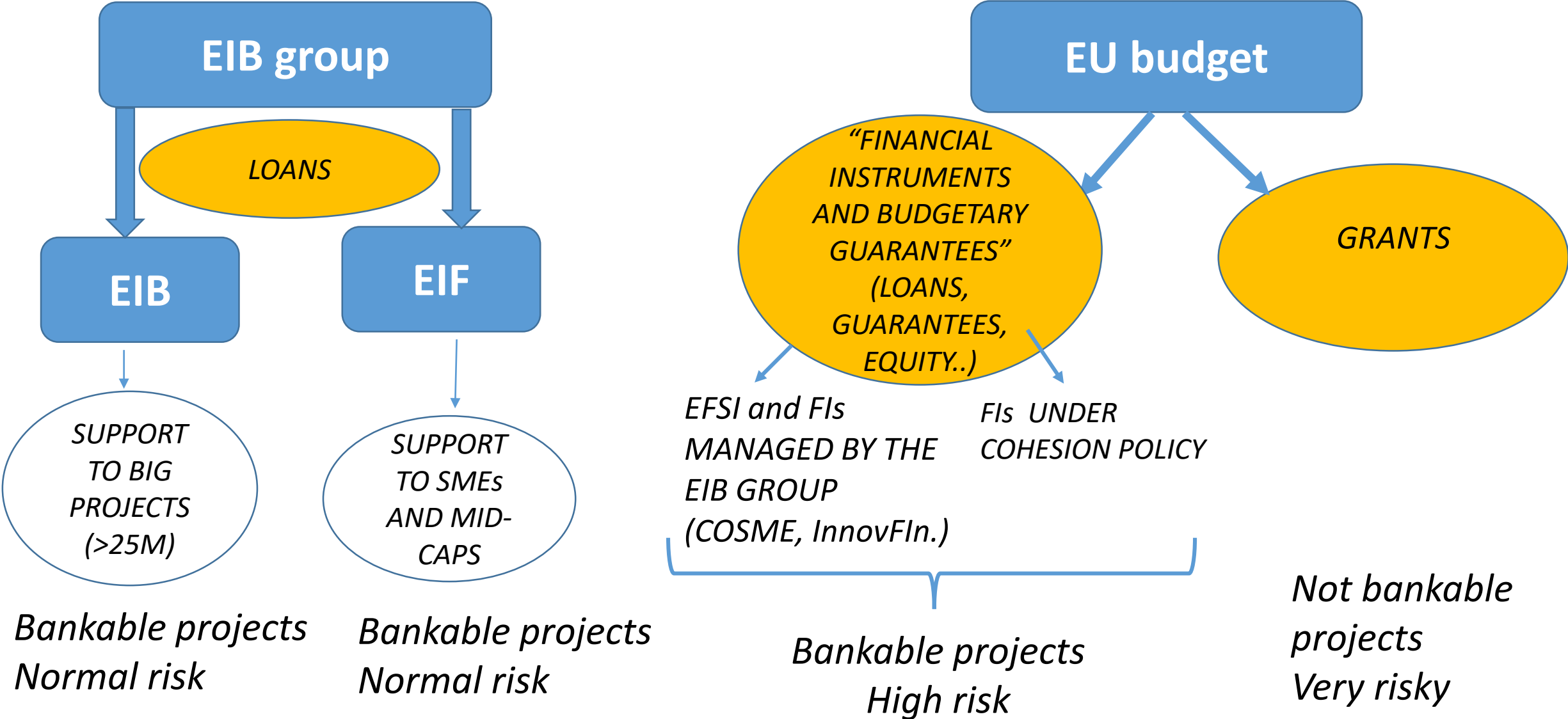
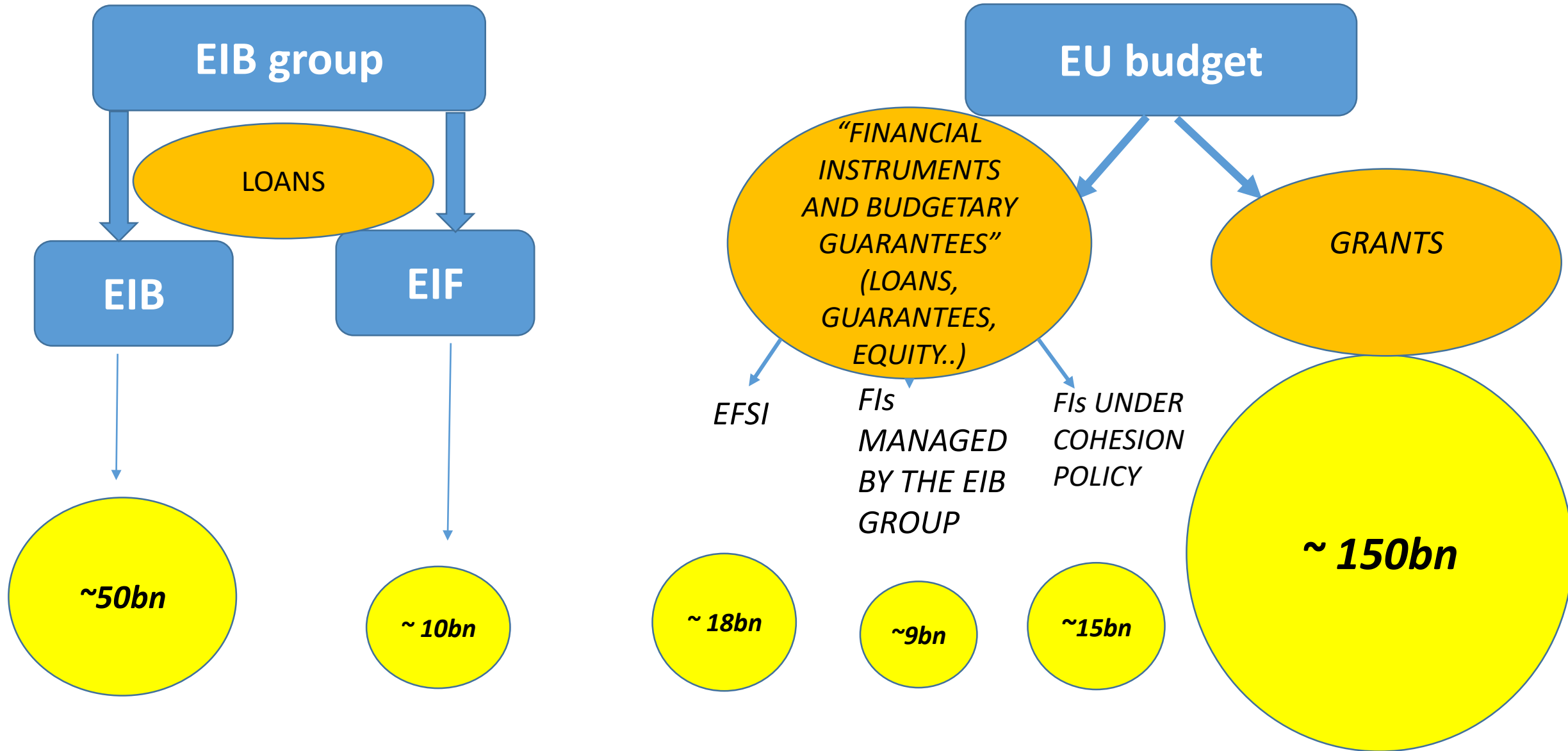


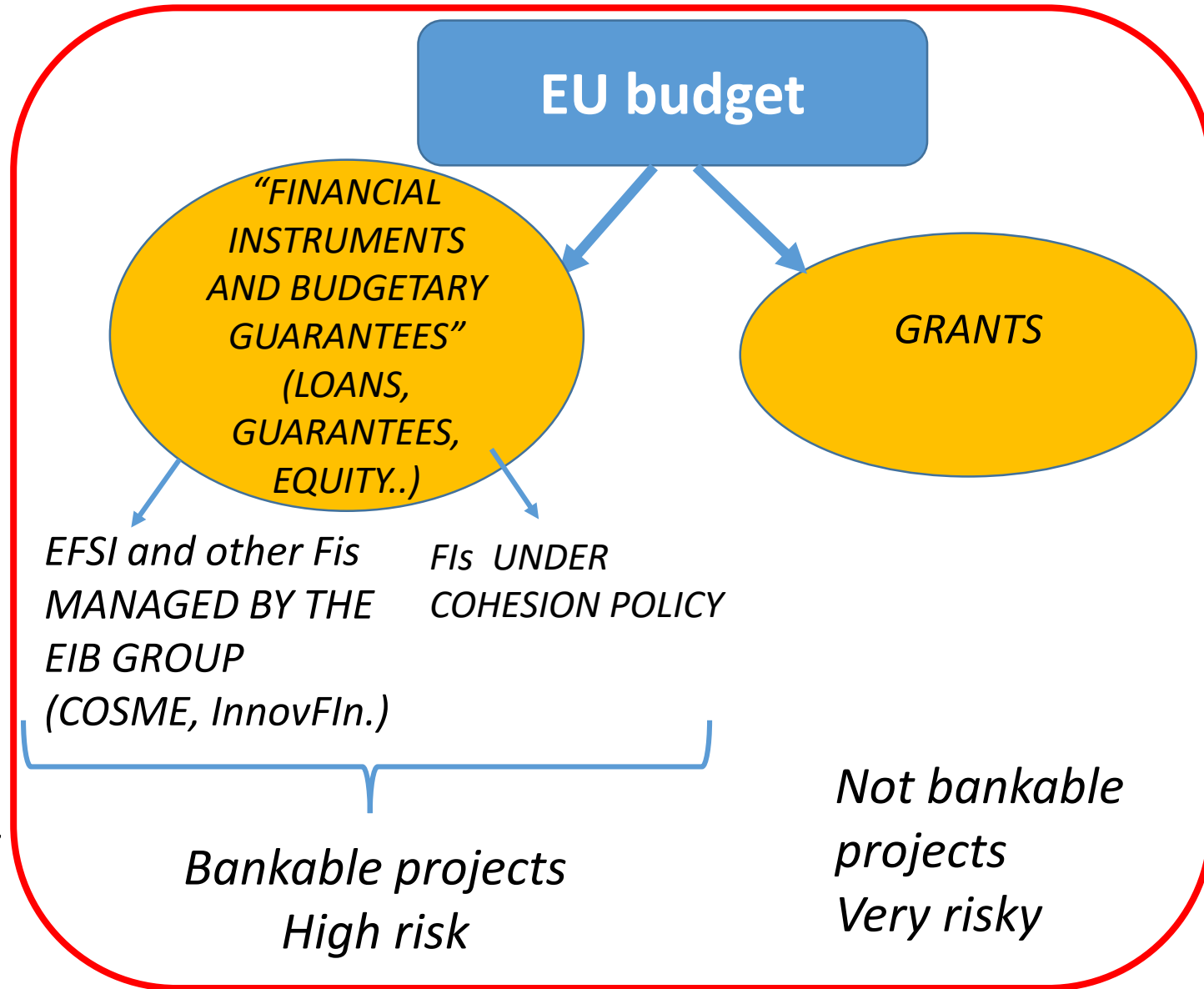
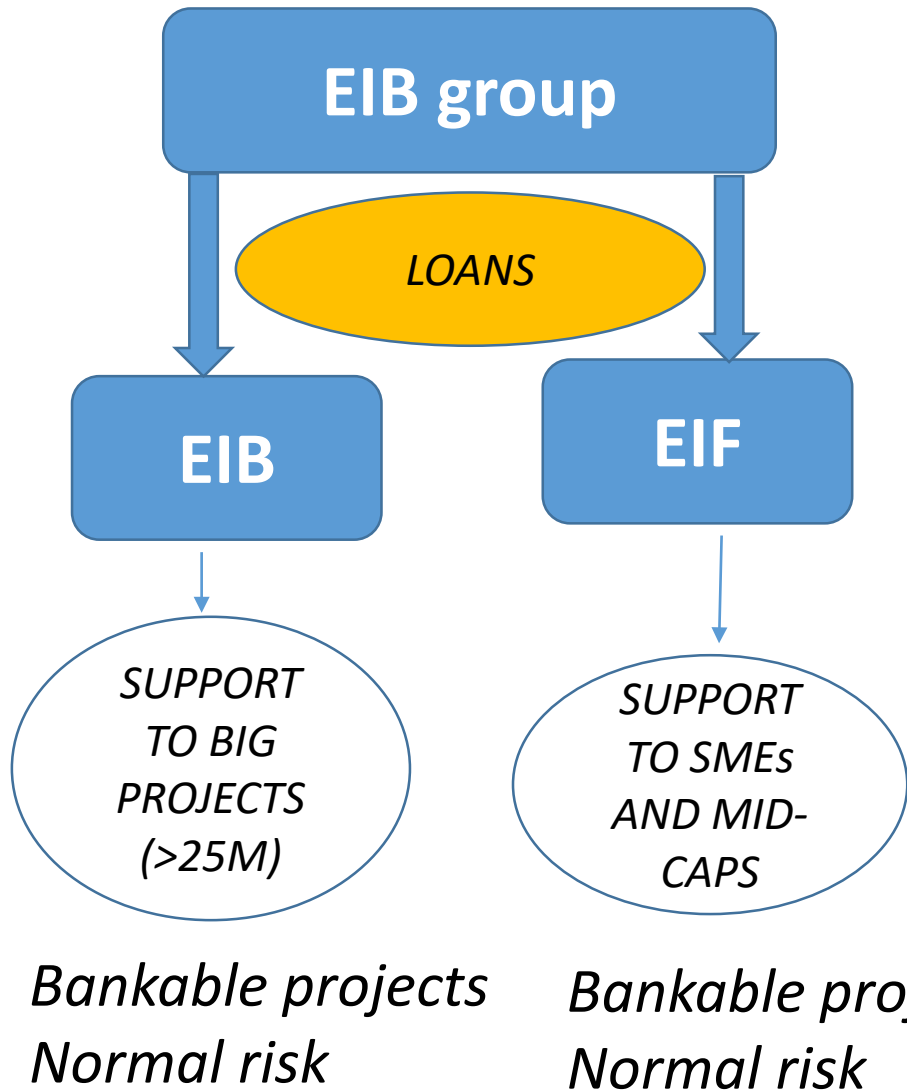
Overview of EU investment tools



Volume of investment/year



EU finance for innovation mostly comes from grants and FIs



How the EU budget supports innovation?

- Support goes beyond Horizon2020
- Many EU funding programs provide direct or indirect support to the generation, implementation (e.g. introduction to the market) and large-scale deployment of innovations
- Different types of support:
 - ✓ Direct grants to R&I projects
 - ✓ Support to firms or entrepreneurs moving ideas to market (e.g. grants or loans to finance commercialisation of innovative products and solutions)
 - ✓ Actions to promote the exchange of knowledge and information in view of generating new ideas (partnerships, networks, clusters)
 - ✓ Support to large-scale deployment of tested innovative technologies and solutions

EU budget support to energy innovation

Different sources of funding:

- **Horizon2020**

- ✓ Grants to trans-national R&D projects on ‘clean, secure and sustainable energy’ **€6bn**
- ✓ InnovFin -> “InnovFin energy demo facility” **~€150mn**
- ✓ Support to some public-private partnerships in the field of energy - >”Innoenergy” a community of public and private actors working on energy innovation – financed by the European Institute of Innovation and Technology (EIT), Fuel Cell and Hydrogen (FCH), Energy-efficient Buildings (EeB).. **~€0.5-1bn**

- **Structural Funds (ERDF)**

- ✓ Large amounts of funding for energy efficiency projects (~€20bn, part of which may be deployment of innovative solutions)
- ✓ **~€2bn** to projects supporting R&I in low carbon economy

How the EU budget supports energy innovation?

- **NER300**
 - ✓ Grants for the demonstration and commercialisation of innovative projects in renewables and carbon capture and storage ~€2.1bn
- **Connecting Europe Facility- Energy**
 - ✓ Some support (grants and loans) to the deployment of innovative energy infrastructures (innovative power transmission lines and smart grids) ~€0.4bn
- **LIFE**
 - ✓ Grants for the development and demonstration of new policy or management approaches, best practices and solutions to tackle environmental and climate challenges ~€1.8bn
- **ITER and EURATOM**
 - ✓ Financing big applied research projects on nuclear energy ~€4.5bn
- **EFSI**
 - ✓ €13bn invested in energy projects (2015-2018), of which ~1.5bn in energy-related projects having a R&I dimension (under EFSI Infrastructure Window)

EU budget support to energy innovation, 2014-2020

**Total estimated amount
(2014-2020):
~€20bn**

