

The new I.FAST: Innovation Fostering in Accelerator Science and Technology



New EC instrument called **Innovation Pilot**, started on 1 May 2021 for support to the particle accelerator R&D in its transition to **Open Innovation**.

- **48 beneficiaries** – 8 large RI operators, 12 national research centres, 12 universities, 16 industrial partners from 15 European Countries, supported by 12 partner organisations and >20 collaborating institutions, jointly **developing technologies for the next generation of particle accelerators**.
- Timeline: **4 years**, starting 1 May 2021.
- Resources: **10 M€** EC contribution, out of a total project cost of about **19 M€**.

Particle accelerator community entering the age of open innovation:

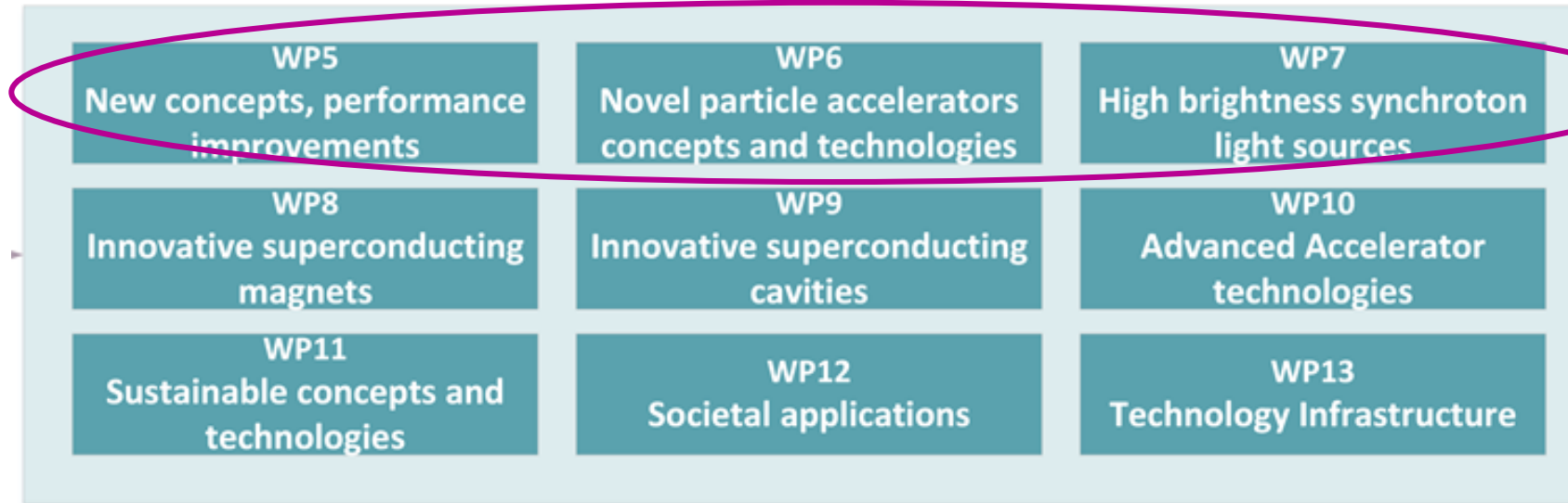
Sharing of ideas between scientific institutions and companies, to improve high technology products and to identify new products and markets.

Creation of an innovation ecosystem (Keywords: ***community, trust, openness, creativity, connection to industry***)

- Cross-boundary subjects with added value from collaboration and sharing of resources.
- Collaborative schemes involving laboratories, university and industry.
- Priority to longer-term high-risk high-gain R&D.



I.FAST: 9 Thematic Areas



← The ESRW22 Workshop connects 3 strategic I.FAST Thematic Areas

- I.FAST is structured in **9 Thematic Areas** crucial for the progress of particle accelerators
- Each theme makes a Work Package, containing a **strategy group** (technology roadmap) and 2 or 3 “**developments**” (lower TRL) and/or “**prototypes**” (higher TRL).