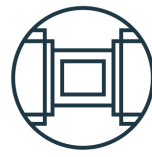
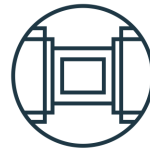


FuSuMaTech



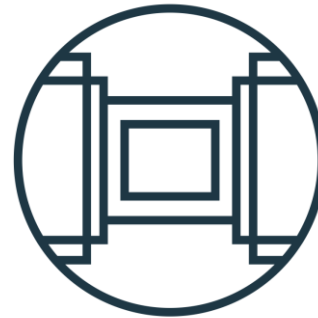
FuSuMaTech?

- FuSuMaTech: *Future of Superconducting Magnet Technologies*
- In Japanese traditional architecture *fusuma* are vertical rectangular panels which can slide to connect different spaces
- The FuSuMaTech initiative is a “silo breaking” program aiming for long term collaboration between industry and science
- Aiming to create a strong and sustainable European cluster in applied superconductivity

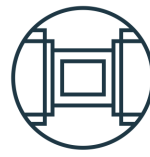


Superconductivity Context

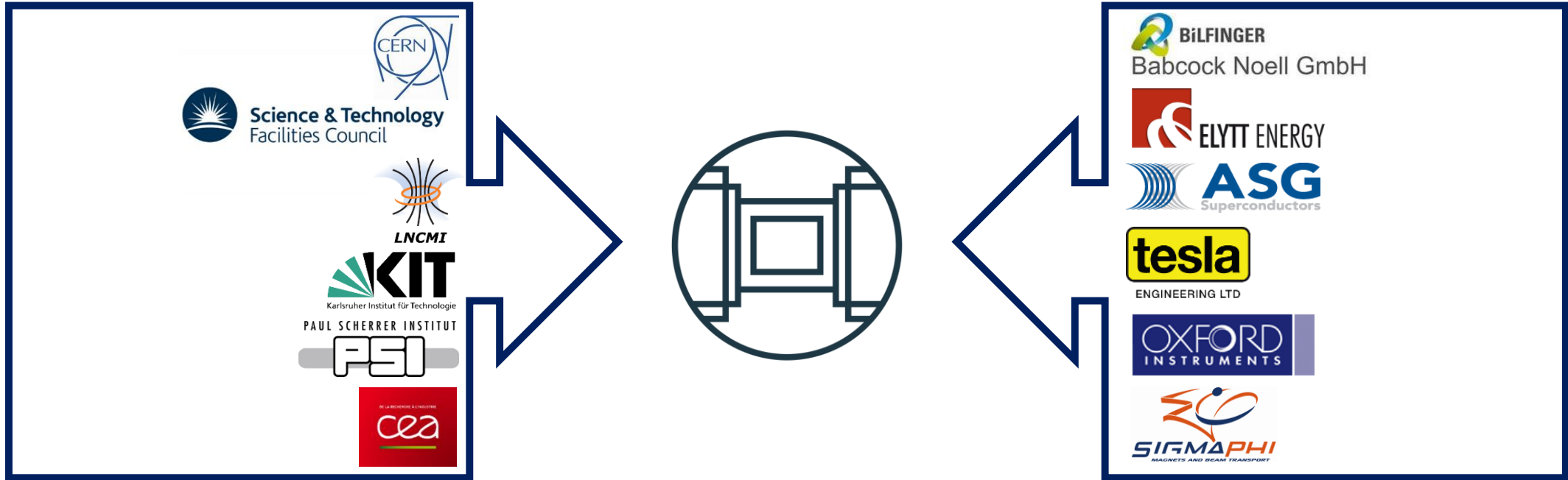
CERN HL-LHC, Future Circular Collider (FCC) push state of the art in High-Field Superconducting Magnets.

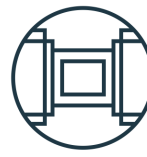


Renewed interest of Industry in industrial applications of superconductivity in Medical, Energy and Transport.



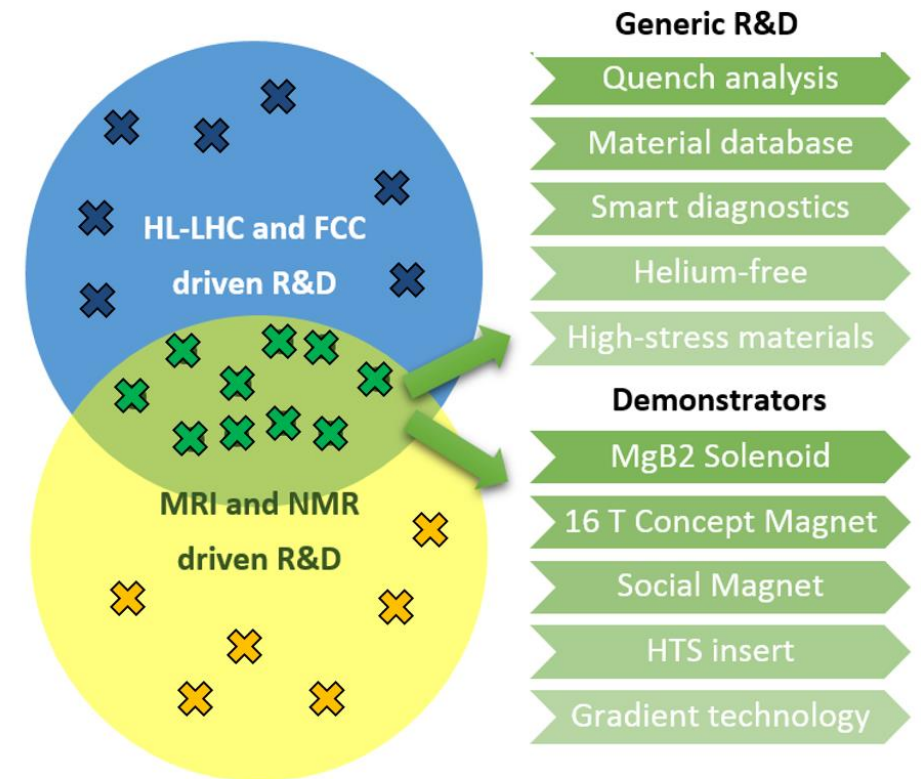
FuSuMaTech Partners

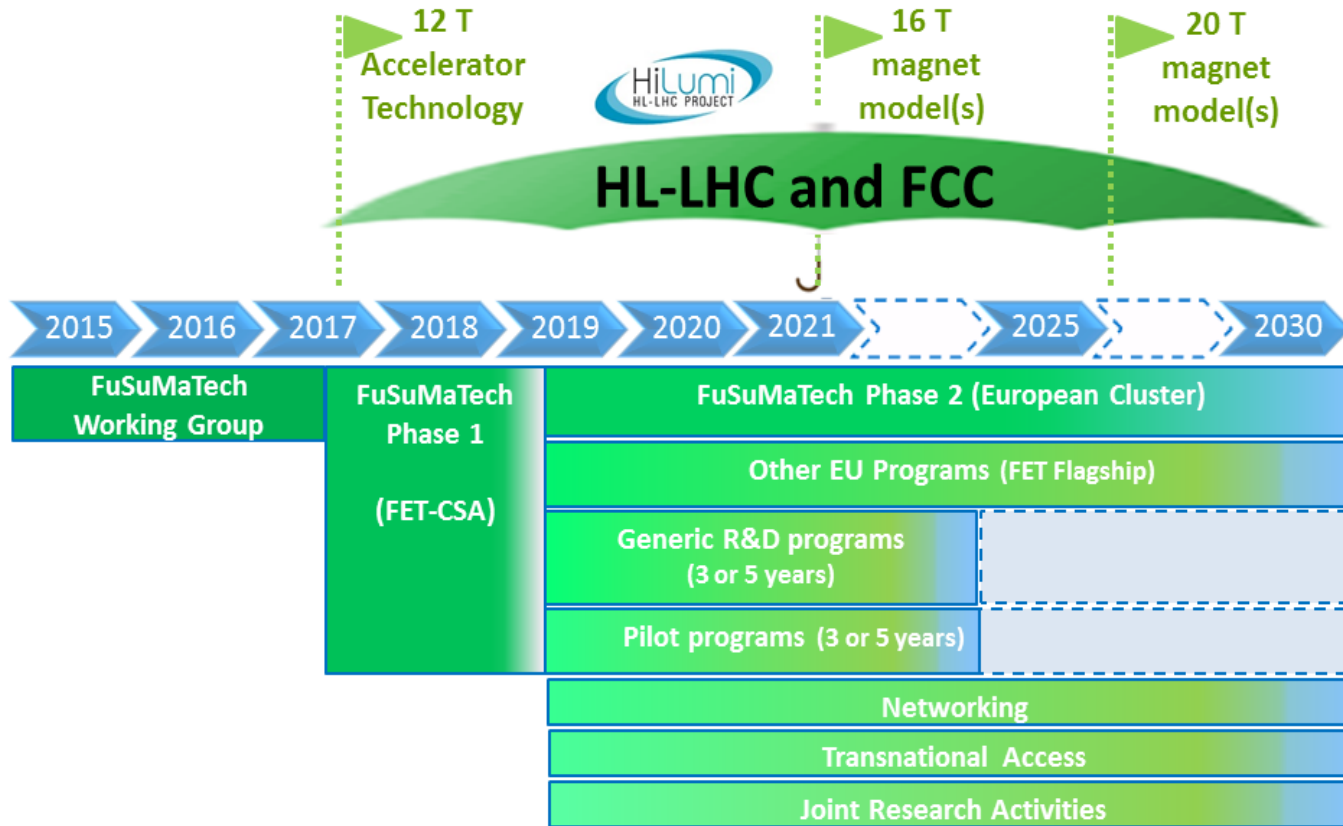
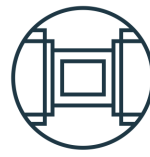




It is all about creating synergy

- FuSuMaTech supports synergistic actions that will make progress faster by connecting academia and industry and by preventing duplication.
- FuSuMaTech does not create a new roadmap for Magnet Technology in HEP or industrial applications. It aims to accelerate both.
- Today, 12 partners have identified 5x Generic R&D projects (science driven) and 5x Demonstrator projects (application driven).



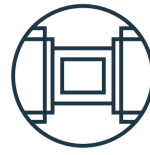


Phase 1 'preps' Phase 2

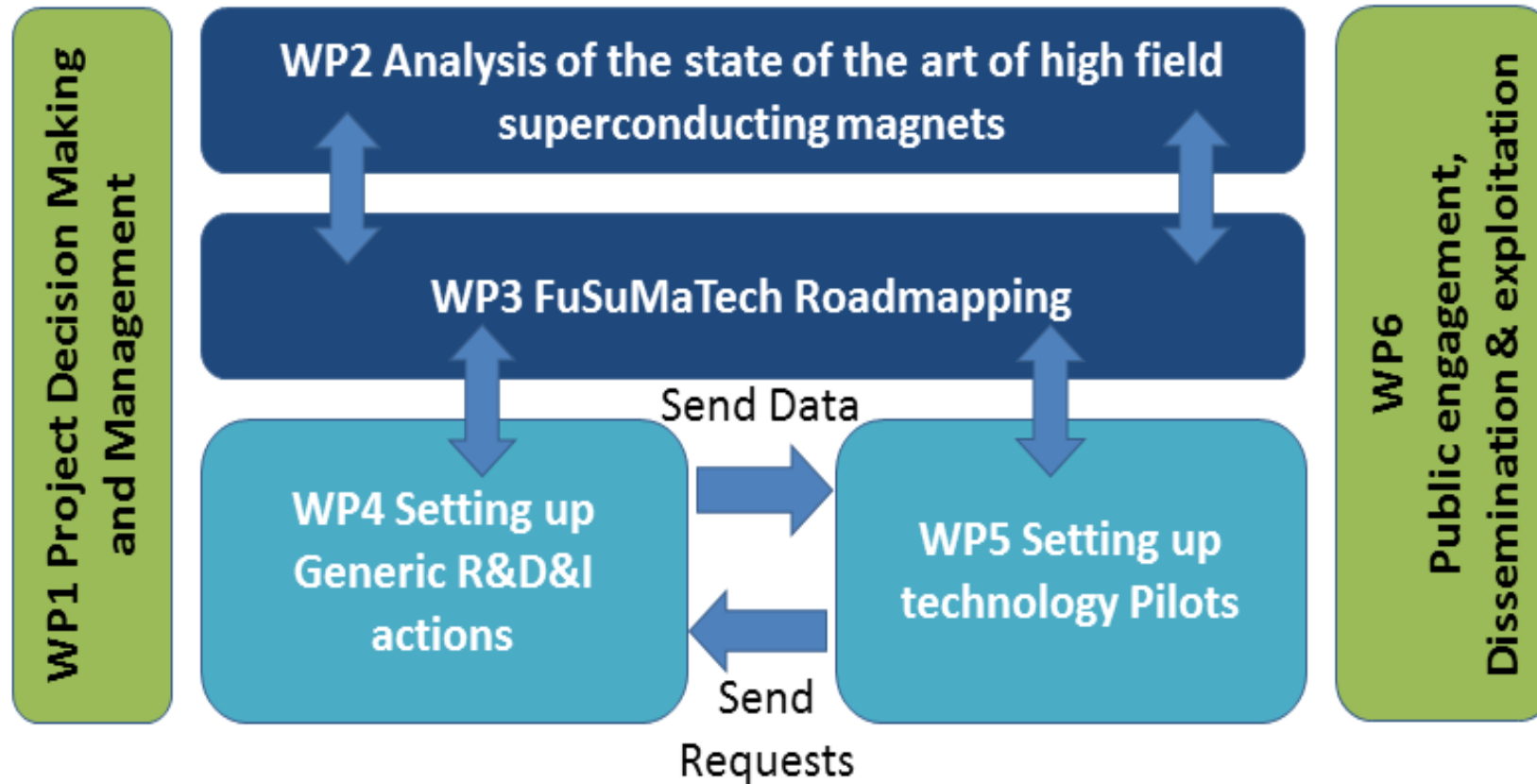
In FuSuMaTech Phase 1, goal is to

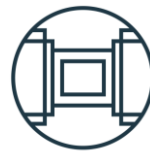
- Prepare admin & legal framework
- Detail the identified projects
- Define funding and IP options
- Establish an EU network

In FuSuMaTech Phase 2, the projects will be executed by various combinations of partners and can be funded on 1:1 basis.



Phase 1: Oct 2017 – April 2019





FuSuMaTech



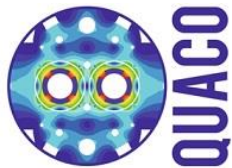
Related Programs



Accelerator Research and Innovation for European Science and Society



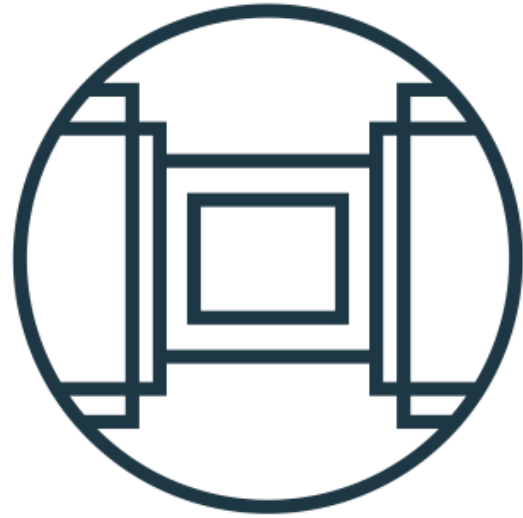
European Circular energy frontier Collider study



QUAdrupoleCOorrector



Accelerator and Magnet Infrastructure for Cooperation & Innovation



FuSuMaTech

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