

# The European ITN activities – 2023

European ITN studies are distributed on five main activity areas:

## A1 with three SC RF related tasks

- SRF: Cavities and Cryo Module (INFN, CEA, DESY, IJCLAB?)
- Crab-cavities (STFC, CERN?)
- Main Linac elements: ML quads and cold BPMs (CIEMAT, IFIC)

## A2 Sources

- Pulsed magnet (Uni.H, DESY, CERN)
- Wheel/target (the same and UK groups)

## A3 Damping Ring including kickers

- Low Emittance Ring lab(s) (UK?)

## A4 ATF activities for final focus and nanobeams

- On-going/restarted (Oxford, DESY, IJCLAB, CEA, CERN, IFIC)
- MDI here ?

## A5 Implementation including Project Office

- Dump, CE, Cryo – earlier efforts at CERN, possible follow up being considered
- Sustainability, Life Cycle Assessment (CERN, DESY, CEA, UK groups?)
- EAJADE started (EU funding) SHOW groups?

