

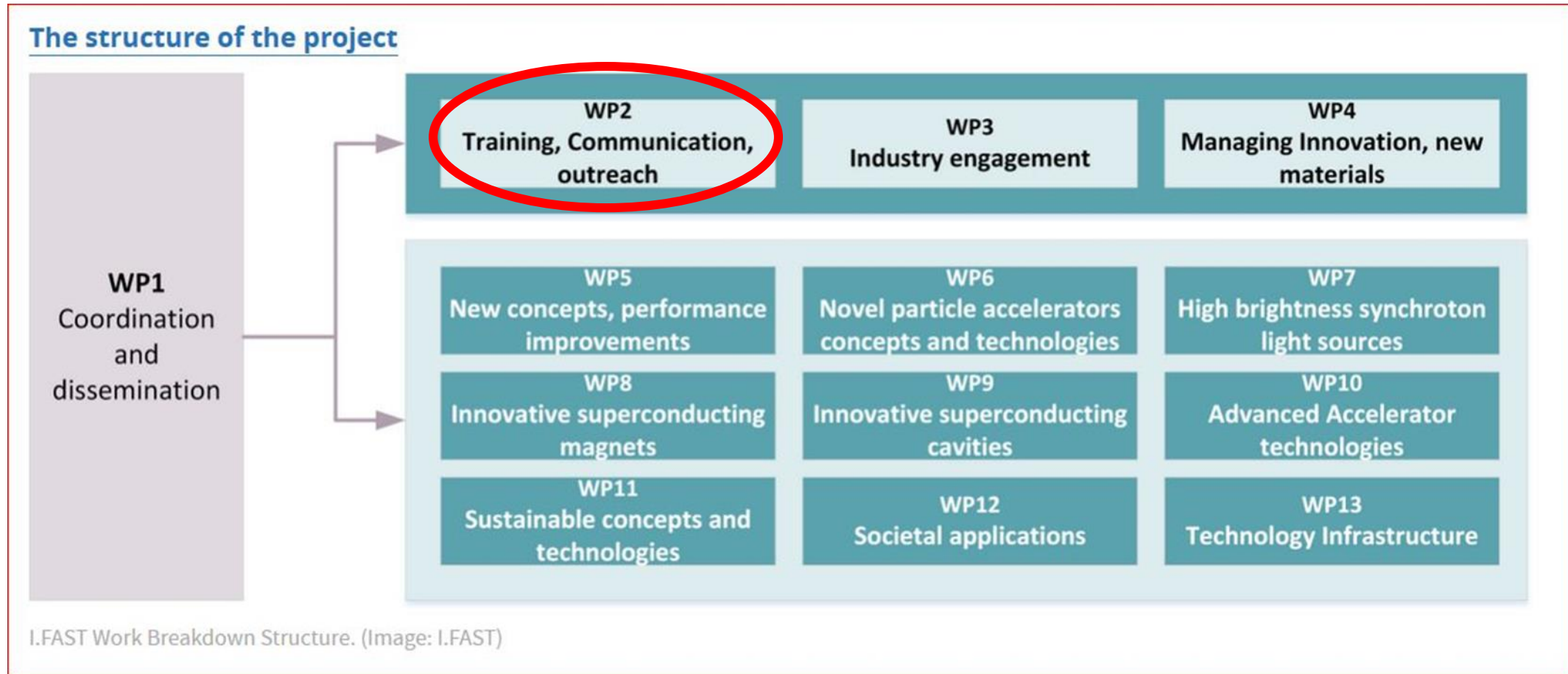
# WP2: Training, Communications, Outreach

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# WP2: Overview



# WP2: Participants

- CERN
- DESY
- CIEMAT
- CEA
- ESI
- GSI
- UU
- CNRS
- INFN
- UOXF

→ 35 person-months committed

# WP2: Tasks

- 2.1 Management M1-M48
- 2.2 Communications and outreach M1-M48
- 2.3 Challenge-Based Innovation (CBI) with particle accelerators M1-M24\*
- 2.4 Industrial Training associated with Knowledge Transfer M1-M24\*

\* anticipate continuation until M48

# 2.1 Management

***UOXF (P. Burrows), CERN, CNRS, UU***

- Monitor + manage WP/task activities
- Produce periodic and final reports
- Kick-off meeting + regular WP2 task leaders' meetings

## 2.2 Communications and Outreach

### *CERN (D. Antonio → A. Le Gall), GSI*

- Create a Communication Strategy and Plan
- Set up the project website
- Produce an internal electronic bulletin
- Provide input and support to Accelerating News
- Organise two Accelerator Communication and Outreach (ACO) workshops to engage the network of communication officers from the major institutes of the European accelerator community

## 2.3 Challenge-Based Innovation

***CNRS (N. Delerue), CERN, UOXF, ESI***

Set up a Challenge-Based Innovation (CBI) scheme, based on the highly successful methodology adopted by the 'IdeaSquare' initiative at CERN, focused on the application of particle accelerators to major societal challenges

Provide a programme in which multidisciplinary student teams and their instructors from European universities can collaborate with I.FAST researchers to develop novel solutions to pressing societal issues

## 2.3 Challenge-Based Innovation

### *Steering Committee:*

*N. Delerue, P. Burrows, B. Holland, E. Metral, L. Rinolfi, M. Vretenar*

- Setting up a Programme Committee of ~ 12 experts
- Jan. 2022: call for applications from university students in year 3 → 5
- 3 interdisciplinary teams of 7-8 people to tackle challenge
- Challenge Faculty of coaches and instructors
- Programme will run in summer 2022
- Teams spend ~10 days at ESI/Archamps → presentation at CERN



## 2.3 Challenge-Based Innovation

### *Topics for consideration by Programme Committee:*

- Accelerators for food security
- Accelerators for the environment
- Accelerators against global pandemics

→ identify the topic for the 2022 challenge

## 2.4 Industrial Training + Knowledge Transfer

***UU (T. Ekelof), CEA, CERN, CIEMAT, CNRS, DESY, INFN***

Support the training of industrial engineers and technicians at European accelerator laboratories that develop, design and test new advanced technological components for frontline accelerator and magnet research infrastructures

The proposed scheme will allow a Technology Facility (TF), together with an associated Industrial Company, to request remuneration, travel and subsistence for a typically early-career engineer or technician employed at the Company to work for a given period, from 2 weeks to 3 months, at the TF

## 2.4 Industrial Training + Knowledge Transfer

- With WP13 input, setting up a Selection Committee of experts
- Call for applications that will specify:
  - a) the project and the technology
  - b) how this work will lead both to training of the engineer or technician and transfer of knowledge of new component technology from the TF to the Company
  - c) how the Company intends to make use of the knowledge thus acquired for its business
- The terms of the training will be regulated through a written agreement between the TF and the Company

# WP2: Deliverables

- **D2.1:** Communication strategy

*Report on the I.FAST communication strategy and plans* M6

- **D2.2:** Challenge-Based Innovation scheme

*Report on CBI implementation and outcomes* M24

- **D2.3:** Industrial training scheme

*Report on industrial training scheme outcomes* M24

# WP2: Summary

- All task activities are already getting started
- We welcome interest from ALL interested institutes and individuals
- We look forward to delivering the iFAST goals!