



Queen Mary
University of London

Training: context

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Why? A community perspective

- **We want**
 - **the next generation of technicians, engineers and scientists to support the field.**
 - **the UK to initiate and deliver on world leading contributions to future infrastructure projects (e.g. ILC/FCC/CEPC etc.)**
 - **to lay the foundations of the future of our fundamental science programme by investing today in the innovators and leaders of tomorrow**

Why? A Government perspective

- **Government wants us to develop the next generation of cutting edge innovators**
 - **Feed the economy**
 - **Support the tech industry**
 - **Ensure Britain is a Science and Tech Superpower by 2030**
- & to do so through delivering STFC science**

Why? A student perspective

- Interested in science
- Wants to do a PhD to continue learning and take things to the next level
- Wants to focus on an interesting problem
- May have aspirations for future work in academia, industry, public sector, Government or the 3rd sector.

Stakeholders include

Physics community:

Ensure appropriate exploitation of scientific instruments for fundamental discovery.

RoW:

Non-HEP future employers of our students and staff, including UK industry, Government, public sector & 3rd sector organisations.

Builder community:

Translational work to bridge between Generic R&D and instruments and infrastructure (driven by science delivery).

Universities:

Part of the core mission of these organisations.



Generic R&D community:

Low TRL but with an eye on STFC science goals

Learners:

Students, Apprentices, Early Career, Researchers, Senior Researchers

Knowledge Transfer community:

Bridge STFC tech into the rest of the world