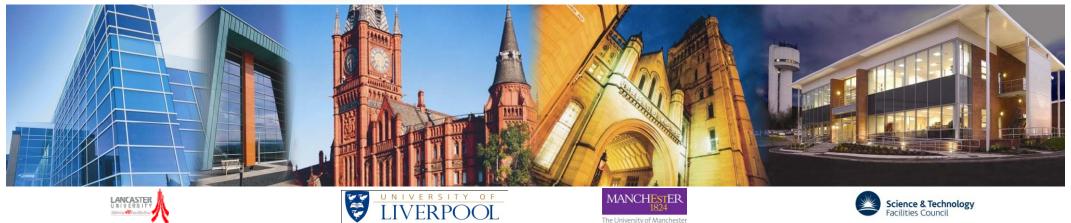


Welcome to the Cockcroft Institute !!!













Inauguration in 2006





The Opening of the Cockcroft Institute by the Minister of Science, Lord Sainsbury

"When we talk about world-class science we need look no further than the North West and the Cockcroft Institute"

- Prime Minister, Tony Blair (2006)





The Mission



Navigate by the stars, not by the light of every ship passing by...

- Generic R&D at the frontier of Accelerator Science and Technology;
- Project-specific R&D in Accelerator Science and Technology;
- Leadership and management of national deliverables to international facilities;
- Support in design, construction and operation of national and international facilities;
- Technology transfer to (and Knowledge Exchange with) industry;
- Seamless involvement of the Universities and Research Councils;
- Education and training to ensure a flourishing next generation of scientists.



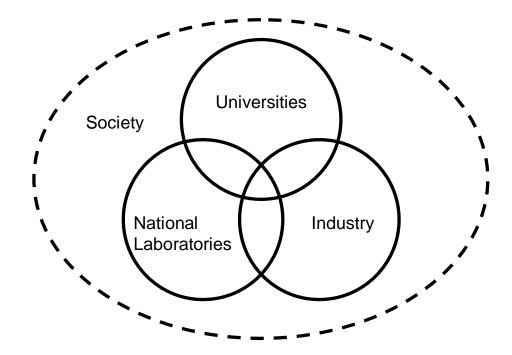


The Cockcroft Model



(Universities) + (STFC: ASTeC and elements at DL) + (NWDA) + (Integration of all the above)

CI is not separate from ASTeC or the universities but inclusive of all.

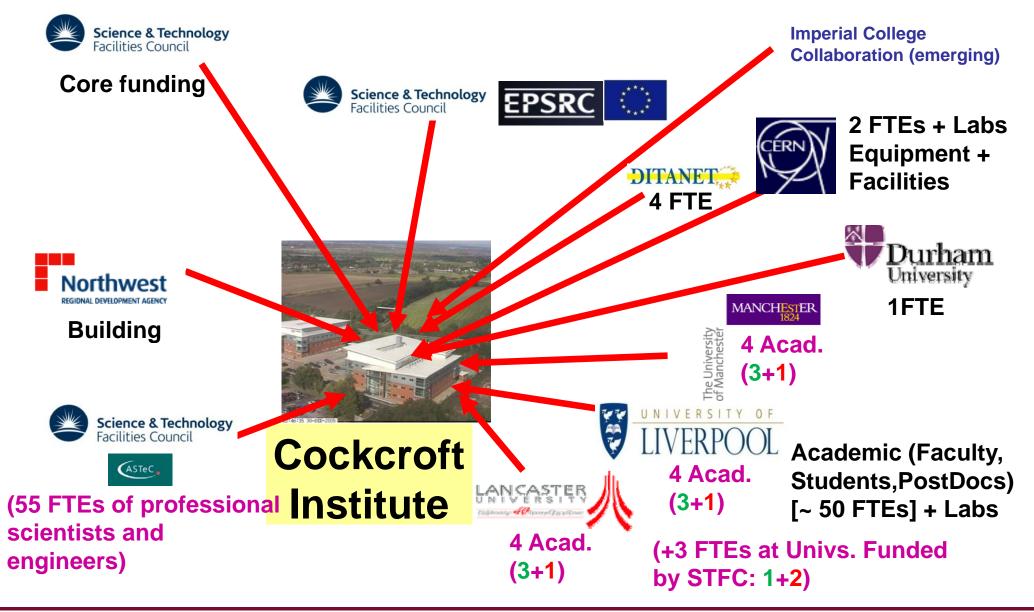






Stakeholders









Appr. Distribution of Professional Effort (Excluding students and PDRAs)



- Photon Source: NLS, EU source, 5th Gen. Light Source: 20 FTEs
- ILC/CLIC: 10 FTEs
- LHC, LHC Hi-Lumi, LHeC: 5.5 FTEs
- Neutrino factory, Muon Collider: 4.5 FTEs
- Antimatter/Antiproton Decelerator/FAIR: 2 FTE
- Super KEK-B (Japan)/Super-B (Frascati): 1 FTE
- ISIS, ESS, HIE-ISOLDE: 4 FTEs
- Test facilities: ALICE/FFAGs/EMMA: 20.5 FTEs
- Health: Hadron Therapy, Nuclear Medicine: 3 FTEs
- Energy, ADSR, Photovoltaic: 4 FTEs
- Security: Compact Linacs for X-ray Scanning: 3.5 FTEs
- Cavity Search for "Hidden Quanta" (Photons and Axions): 1 FTE
- Tevatron, Project-X, JLamp, Berkeley and SLAC Light Source Developments, Spring-8, TAC, FLASH and XFEL: symbolic collaborations





Total Effort: 123 FTEs



- Academic faculty: 20
 (Liverpool, Manchester, Lancaster, Imperial)
- Students: 27

(Liverpool, Manchester, Lancaster, Imperial, Brunel, Birmingham, Durham, Strathclyde, Dundee, Visiting students from Japan, India, China, Thailand, EU)

- Post-docs: 18 (all above academic partners)
- Professional staff: 55 (STFC/ASTeC)
- Industry: 3 (Tech-X, RapiScan UK, e2V)

