



Agenda

- 10:00 Welcome & ACIT-Hub intro
- 10:15 Learning Journeys
 - Building Sustainable HPC Infrastructure
Andy Richards (Imperial College London)
 - Upgrading the ARC Storage Infrastructure
Greg Tourte (University of Oxford)
 - STEP-UP: Building and supporting dRTP Training Networks
Jeremy Cohen (Imperial College London)
 - Developing a training grid for dRTPs
Mike Bearpark (Imperial College London)
- 11:10 Discussions Training Topics
- 12:30 Lunch
- 13:30 Discussions Cont
- 14:00 ACIT Hub Training and CPD
- 14:10 Discussions CPD and Training Formats
- 15:45 Closing thoughts
- 16:00 Close

Code of Conduct



- Provide a harassment-free experience for everyone, regardless of gender, sexual orientation, disability, physical appearance, body size, race, or religion.
- All communication should be appropriate for a professional audience including people of many different backgrounds.
- Be kind to others. Do not insult or put down other attendees. Behave professionally. Remember that harassment and sexist, racist, or exclusionary jokes are not appropriate
- No Video - Chatham House Rules – free to use the information but not reveal the identity or affiliation of the speaker

Based on RSLondon, CW19 and RSE18 which are in turn based on the example anti-harassment policy from the Geek Feminism wiki, created by the Ada Initiative and other volunteers under CC0 license.

EDI

- EDI Monitoring for today
- Not interested in individual data
 - All data disassociated at source
- Interested in community
 - Where do we come from?
 - What are our needs?
- Still learning – give us feedback!





ACIT-HUB

ACCELERATED COMPUTE
INFRASTRUCTURE TRAINING HUB

Helen Cooper
Thursday 3rd July 2025
Sheffield CoDesign Day



UK Research
and Innovation



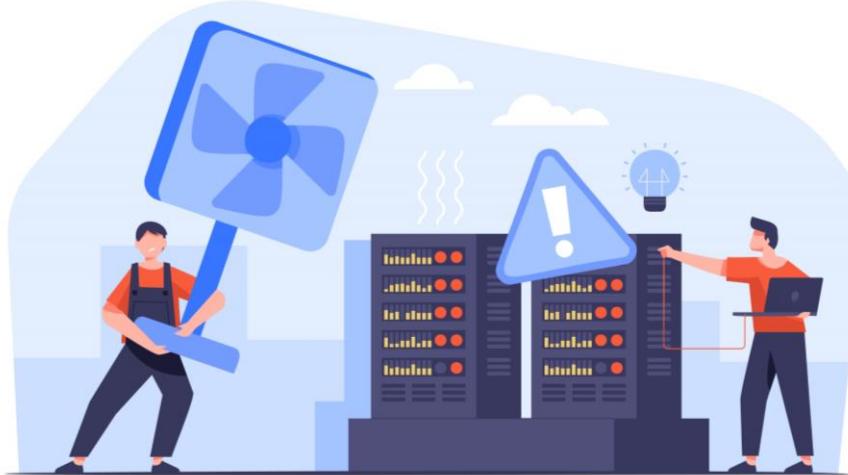
Engineering and
Physical Sciences
Research Council

RIE's?



Research Infrastructure Engineers

Who you call when HPC breaks



RIE superheroes



**Experts in
everything**

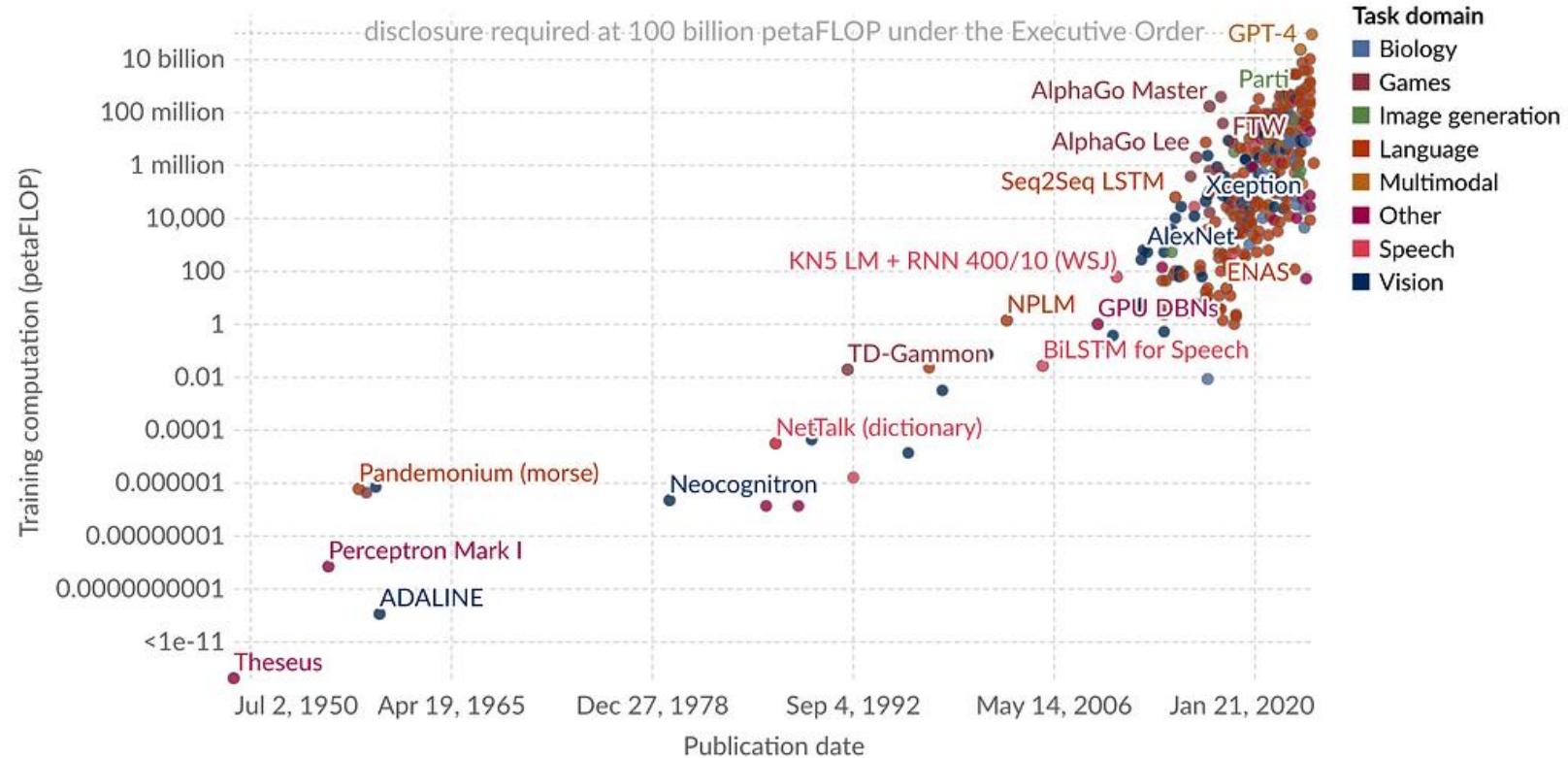
RIE super teams





The AI ‘Issue’

Computation used for AI Models



Data source: Epoch (2024)

OurWorldInData.org/artificial-intelligence | CC BY

More Compute - More Models - Different Culture



Team



UNIVERSITY OF
SURREY



Dr Helen Cooper



Mr Dean Roe



Dr Jaydeep Mody



Prof Mark Plumley



UNIVERSITY OF
OXFORD



Mr Andrew Gittings



Prof Wesley Armour



**University of
Sheffield**



Dr Twin Karmakarm



University of
BRISTOL



Dr Matthew Williams

IMPERIAL



Dr Andrew Richards



Dr Dugan Witherick



Supporters

RTP Networks



Research Networks



Vendors



Hewlett Packard
Enterprise



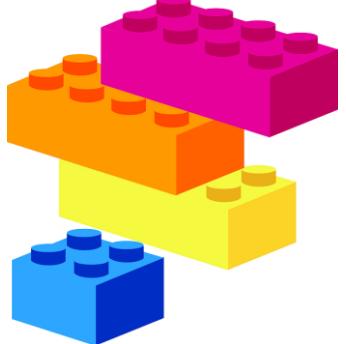
Technology





Vision

**Training
building blocks**



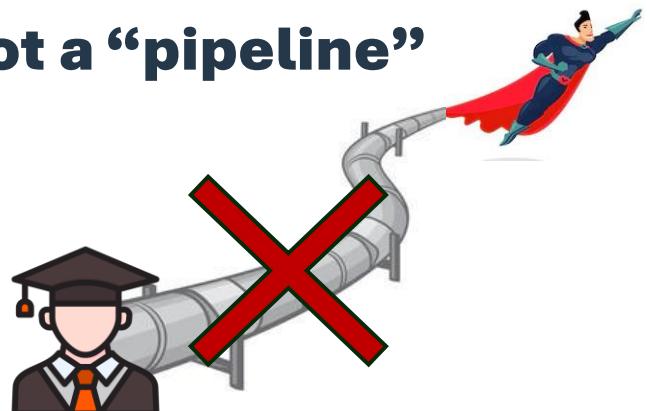
**Skills gap
analysis**



RIE superheroes



Not a “pipeline”



RIE super teams



**Connected
and agile
talent pool**



**Value and
recognition**





Broad Topics

Accelerators

**Storage & Data
Management**

**Networking &
Datacentres**

Orchestration

Cloud

**Professional
Development**



Approach

Industry
trusted
training



Mentorship

Secondments

CPD Days

BoF sessions

Hackathons

Short Courses

Self-paced online
Translational Skills

Bootcamps, Apprenticeships,

Hands on support, Train the Trainer



Success
Stories
for REF

Technician
Commitment

UG & PG
Teaching

Academia
Valued Metrics



• ACIT.surrey.ac.uk



Links!

• ACIT@jiscmail.ac.uk



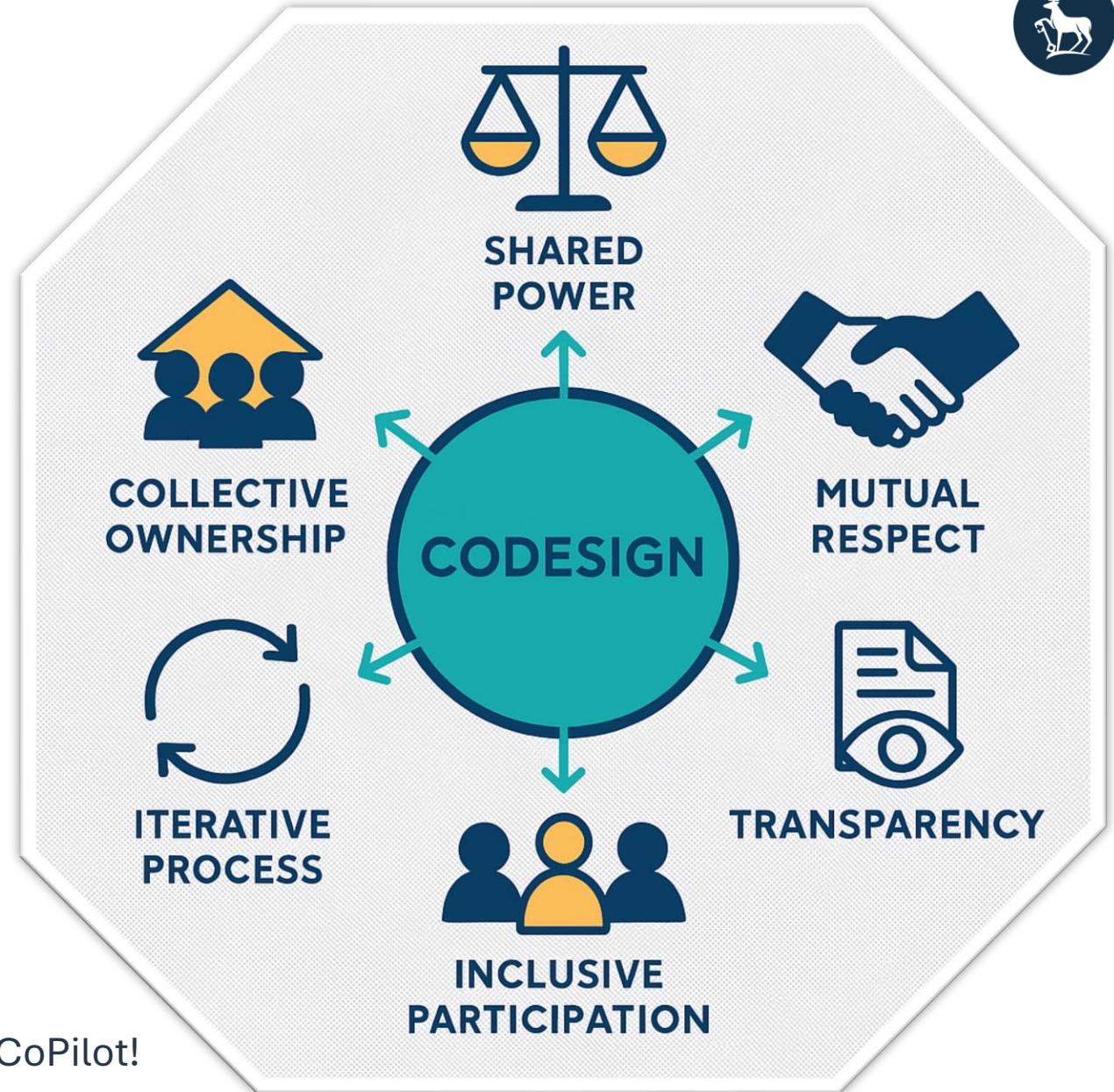
UK Research
and Innovation



Engineering and
Physical Sciences
Research Council

CoDesign is a collaborative approach that brings together diverse voices to shape solutions that are inclusive, effective, and sustainable. *

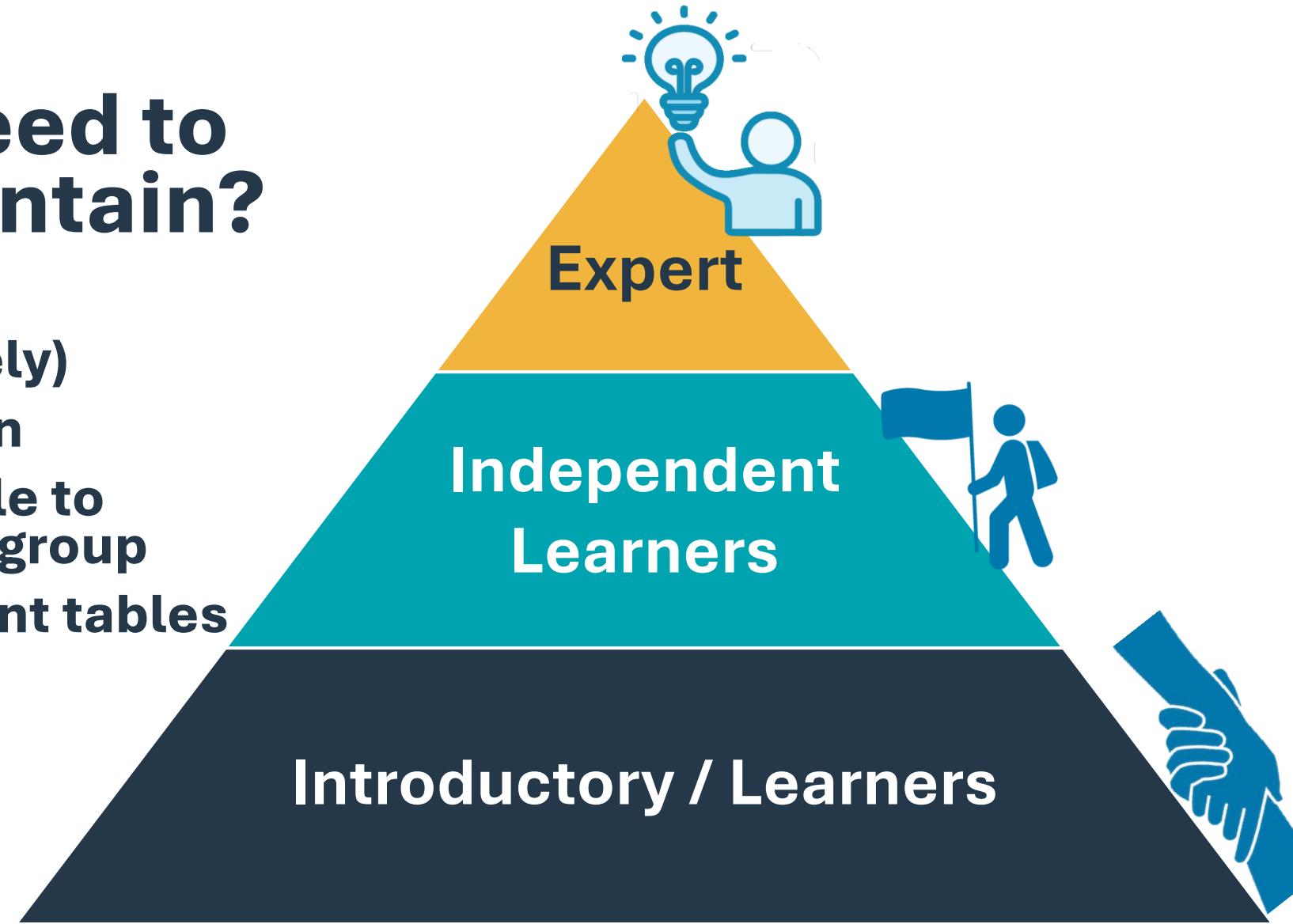
*Thanks CoPilot!

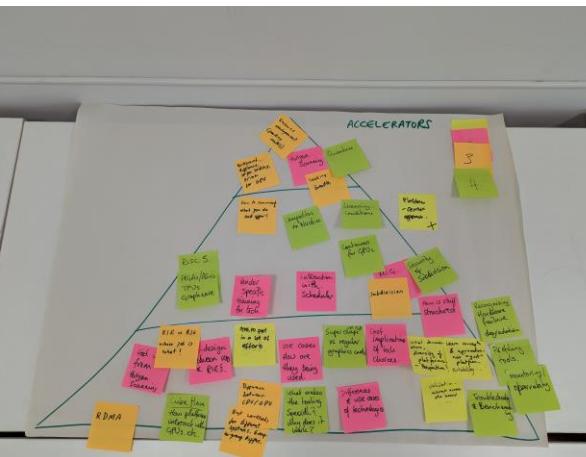
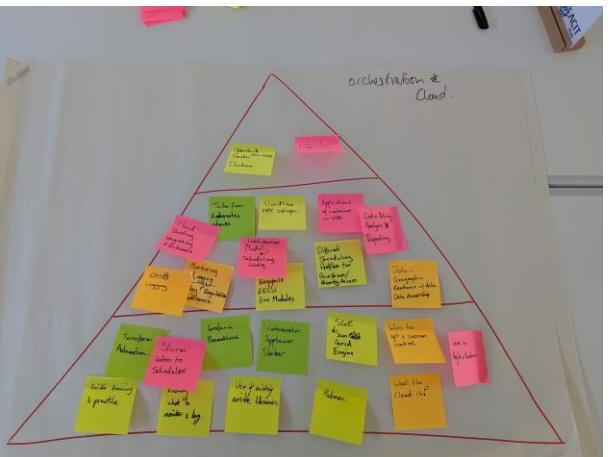
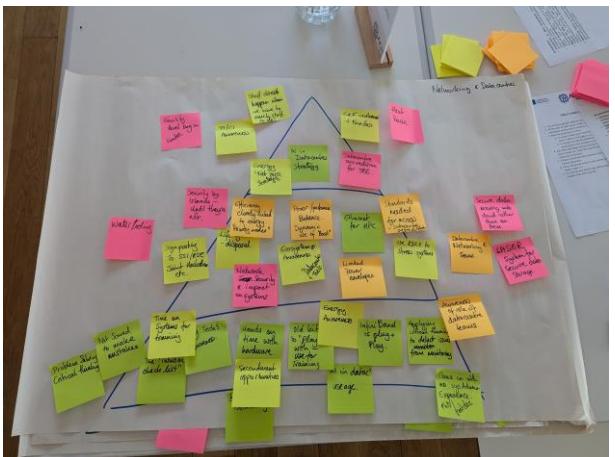
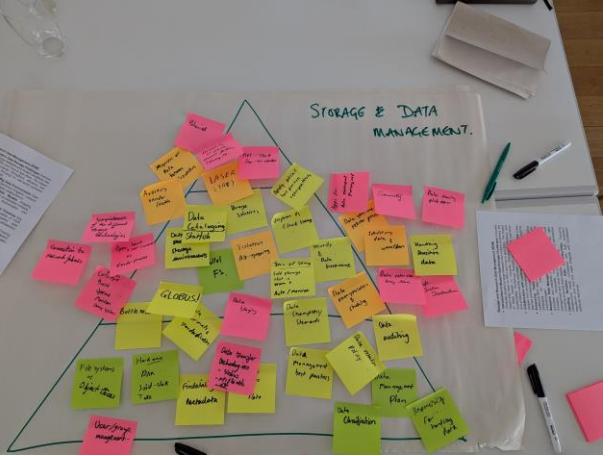
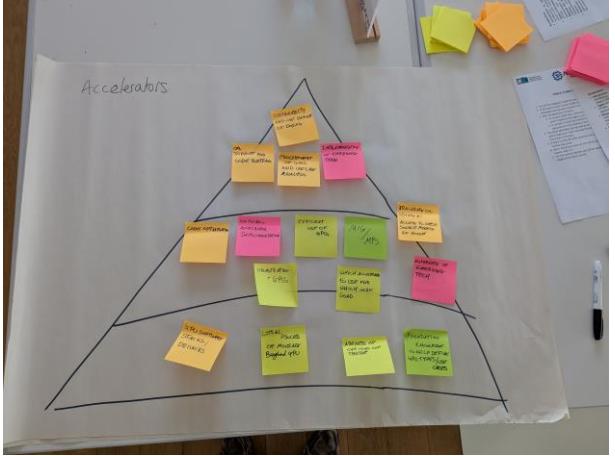




What do you need to climb this mountain?

- World Café style (loosely)
- 15 – 20 mins per session
- Chair stays at their table to share ideas to the new group
- Group moves to different tables
- After 4 sessions we 'Harvest' each table







ACIT
Hub

Sheffield/Bristol

What do you need to climb the mountain?

Expert

Expert

Expert

- World Class
- 15 - 20 years experience
- Challenging
- Specialised

Independent
Learners



Independent
Learners



Independent
Learners



Introductory / Learners



Learners



Learners



Discussions

How do these concepts fit together?

- World Café style (loosely)
- 15 – 20 mins per session
- Chair stays at their table to share ideas to the new group
- Group moves to different table
- After 4 sessions we ‘Harvest’ key topics from each table

