

# Building a National Research Data-Intensive Workforce and Culture

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# Focus on skills

## Why do we need skills?

- How easy is it for researchers to find and use research infrastructure?
- Is publishing and sharing data intuitive or does it require skills/guidance?
- Making the most of our infrastructure investment!

## Who needs skills?

- Researchers?
- Professionals who support researchers + research infrastructure e.g. software engineers, librarians, research office staff, project managers etc?

## What skills are needed?

- Skills to use infrastructure?                      Skills to publish, share and link data?
- Discipline specific skills?                      Skills to help answer research questions?

# Focus on skills

## How should skills be delivered?

- Multimodal? Incremental? Hands on?
- London Underground map for navigating training pathways?

## Who should deliver skills training?

- Institutions? Publishers? Vendors? Infrastructure providers e.g. NCRIS facilities? ANDS/Nectar/RDS funded projects? Volunteers e.g. carpentry-style? NRDC?

## When should skills be delivered?

- At point of need? On demand? Before need arises?

# Focus on skills

## Some challenges:

- Trainers re-inventing the wheel
  - Discipline specific + general training needed
  - Decision to invest in skills
  - How do we measure the success of a skills program?
- Training the trainers  
Co-ordinating training events

## How could we (ANDS/Nectar/RDS) progress?

- Stakeholder engagement/consultation
  - Train the Trainer events
  - Partnerships!
- Establish trainers network  
Support Communities of Practice

## Final thought:

- Skills strongly linked to infrastructure development, policy and resources

# Thank you!

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