

# Meta Academy Project Review

2022 Workshop on the Modernisation  
of Official Statistics

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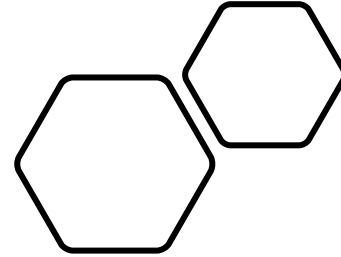
# NSOs share similar challenges

- Offering learning and development opportunities: a pillar for the *Future of Work*
- Need to constantly adapt skills to evolving technologies and data market

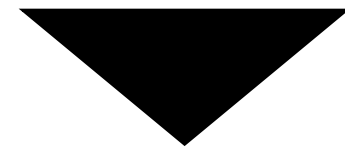


...And yet: mechanisms to share, reuse or co-create learning experiences *at scale* do not exist – between NSOs, or even within NSOs or NSSs

# The goal of Meta Academy 2022

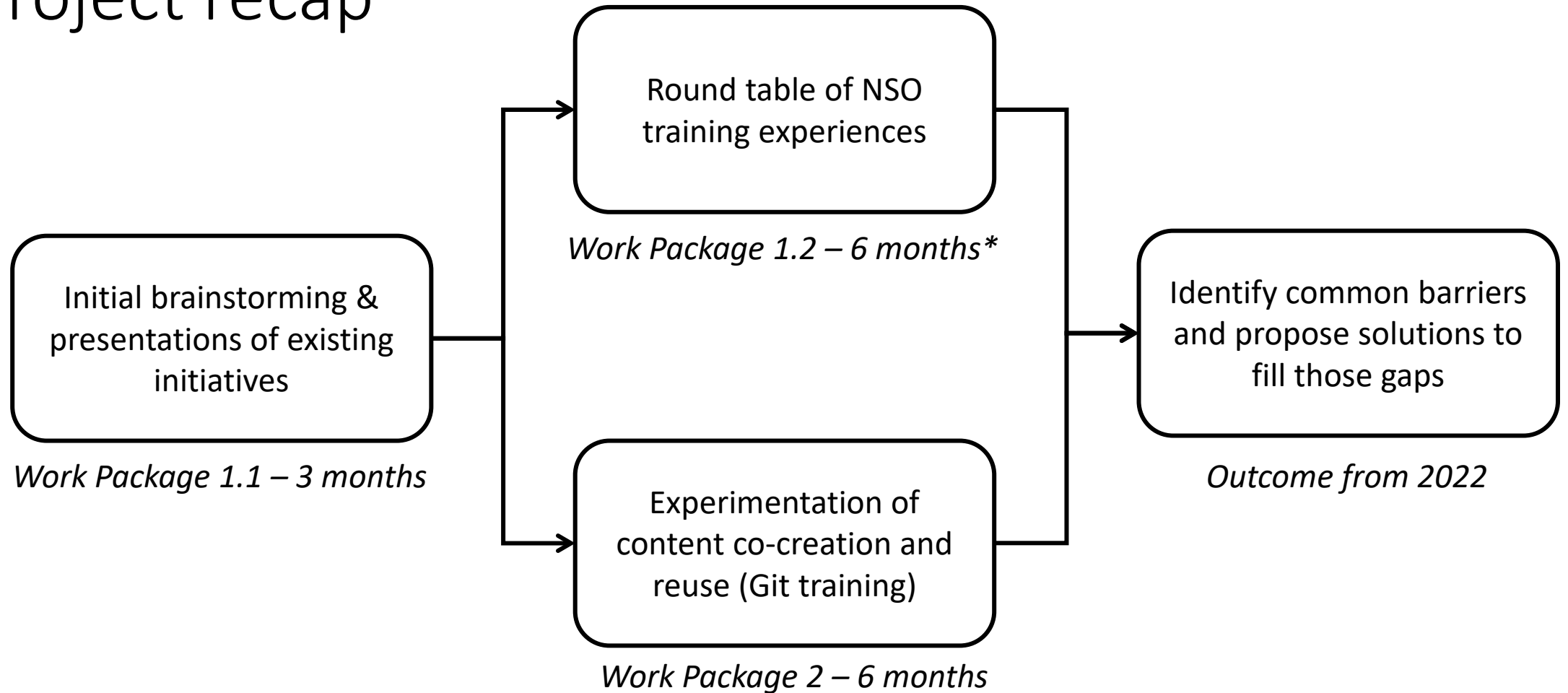


Initiate a framework and forum to facilitate co-creation and reuse of training across NSOs



Unleash the creation and use, at scale, of open digital assets to boost employee upskilling

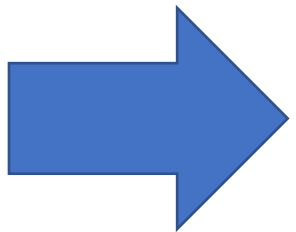
# Project recap



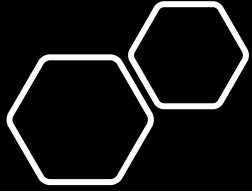
# Main barriers identified in work package 1

## Absence or limited...

- ...common understanding of the training needs
- ..shared methodology to create learning content
- ..forum or community for trainers and academy managers to exchange practices, share on priorities
- ...decision to co-invest in training efforts.



Removing those barriers defines the notion of 'Meta-Academy'



# Key takeaways from the Meta Academy project

- **On the pedagogy:** some initiatives focus more on self-learning approach; others on synchronous learning experience with a coach (onsite or online).
- **On the content:** some initiatives take a broad approach at covering all regular official statistics activities; others are very much focused on data science or data intensive scientific activities
- **On the audience:** some initiatives target a national audience while others aim to grow an international network
- **On the platform:** all initiatives crystallise around a digital platform through which training content and services are created and traded

# Outcomes of Work Package 2: Experiment with Git and Version Control

## **What did WP 2 learn from WP 1?**

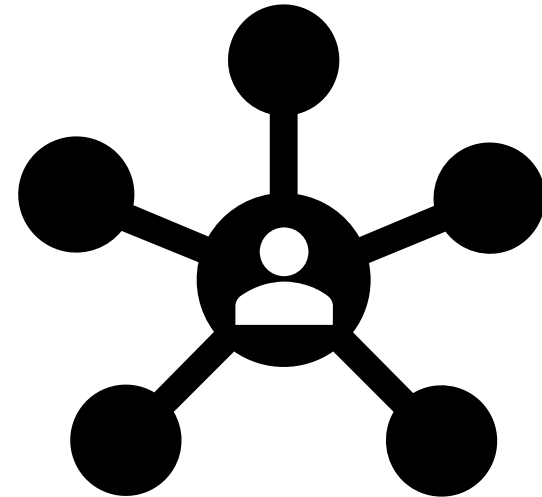
- Importance and use of personas
- Targeting training to adult learners
- Lessons learned from other NSOs Git training experiences:
  - Importance of clear concepts and terminology when it comes to Git, GitLab and Github
  - Importance of highlighting 'what's in it for' employees and managers
  - What NSOs need to know about Gitlab and version control

## **What did we learn from WP2**

- How general industry content can be adapted to apply to the NSO context
- Without a shareable and accessible platform or method to host training, content and delivery cannot go anywhere

# Where do we go next?

- **The most promising avenue to explore is to develop a *ModernStats Carpentry* under a partnership between the HLG-MOS and the Carpentries organization**





# Who are the Carpentries?

## *Existing Carpentries projects*

## *A new Carpentry?*



**Data Carpentry workshops** should contain the following:

- A lesson on data organisation
- Any three other lessons from in the same domain in the Data Carpentry curriculum



**Library Carpentry workshops** should contain the following:

- Any three lessons from the Library Carpentry curriculum



**Software Carpentry workshops** should contain Software Carpentry lessons on:

- The Unix Shell
- Version Control with Git
- A programming language (R or Python)

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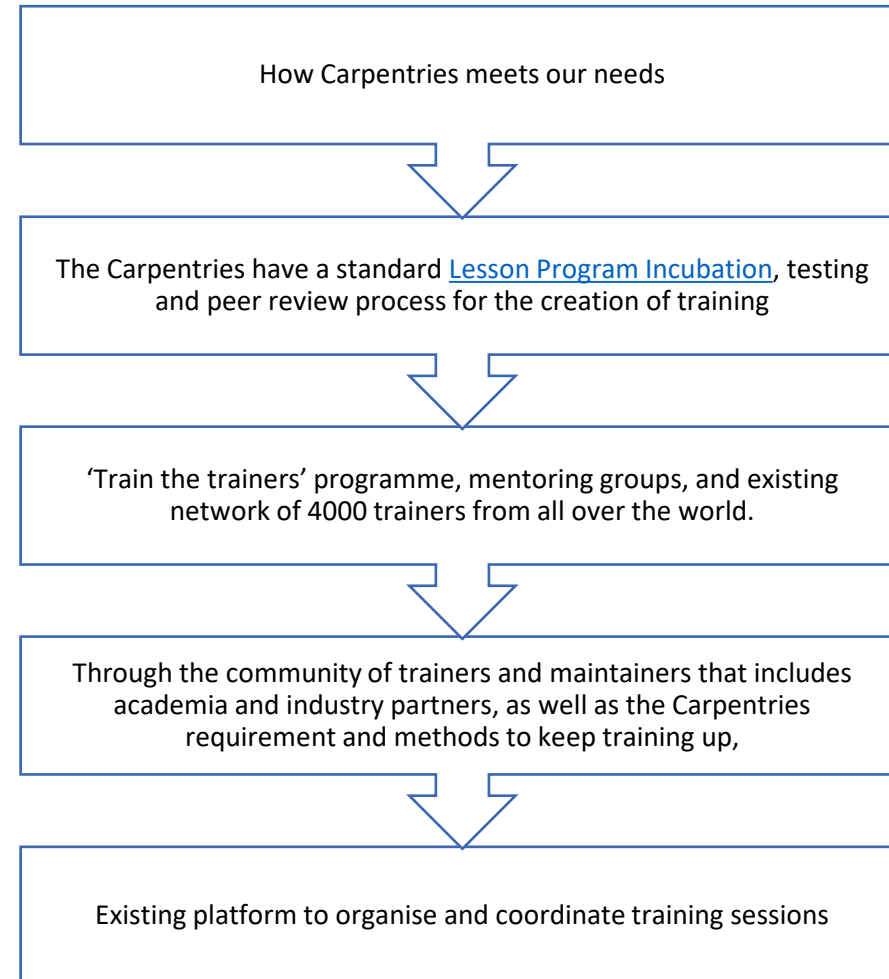
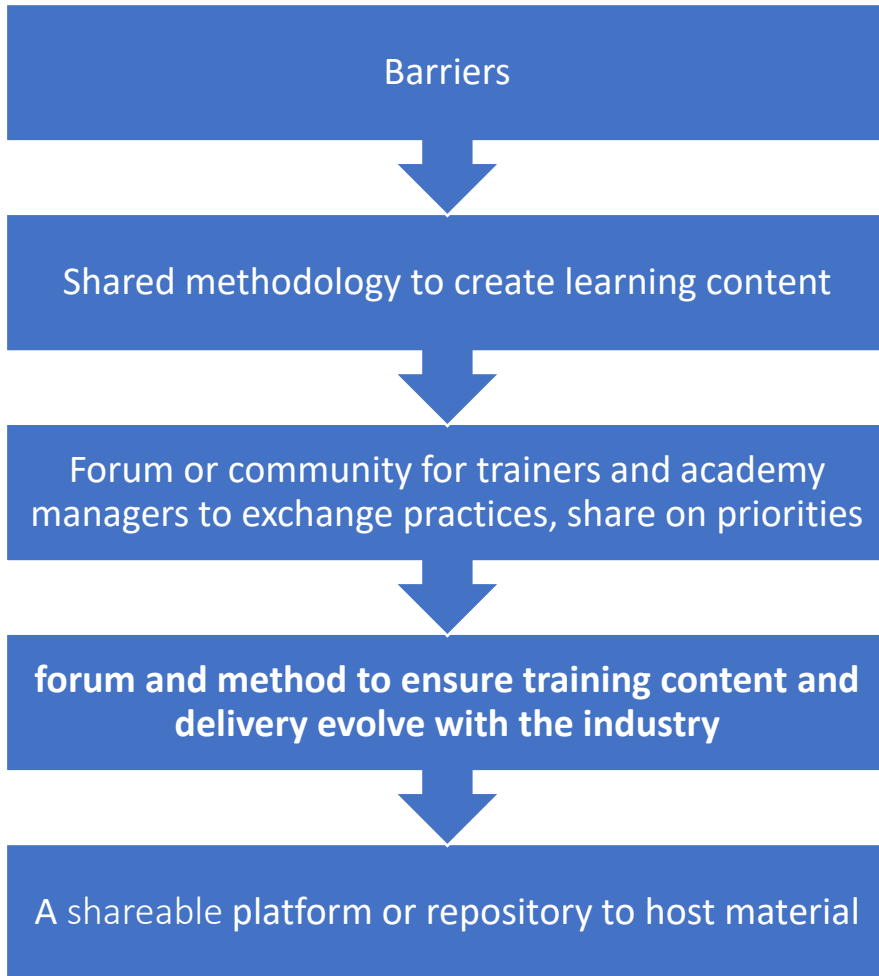
## **ModernStats Carpentry**



*'Our vision is to be the leading inclusive community teaching data and coding skills to produce relevant, timely and granular official statistics.'*

*A community of 4000 certified trainers; 90000 learners participated in 3500 workshops from #100 members (universities and libraries mostly).*

# Why is Carpentries the best option?



# What is their 'Business Model'?

01

The Carpentries are a non-profit, registered in the US, funded by membership and workshop fees, and grants from donors.

02

In order to engage with the Carpentries, the HLG-MOS and/or member organizations will need to pay a membership fee.

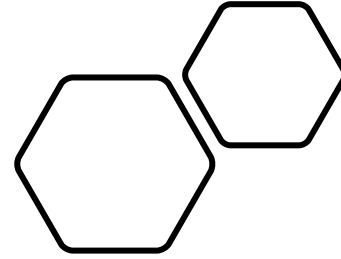
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However, in the context of a *ModernStats Carpentry*, participating organisations could organise as many trainings as they wish

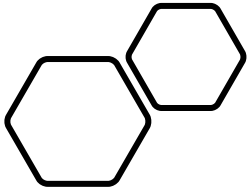
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All Carpentries content are open and free under CC license; training substance and materials are stored in Github

# Conclusion



ModernStats  
Carpentry project  
proposal



Questions?

Thank you

