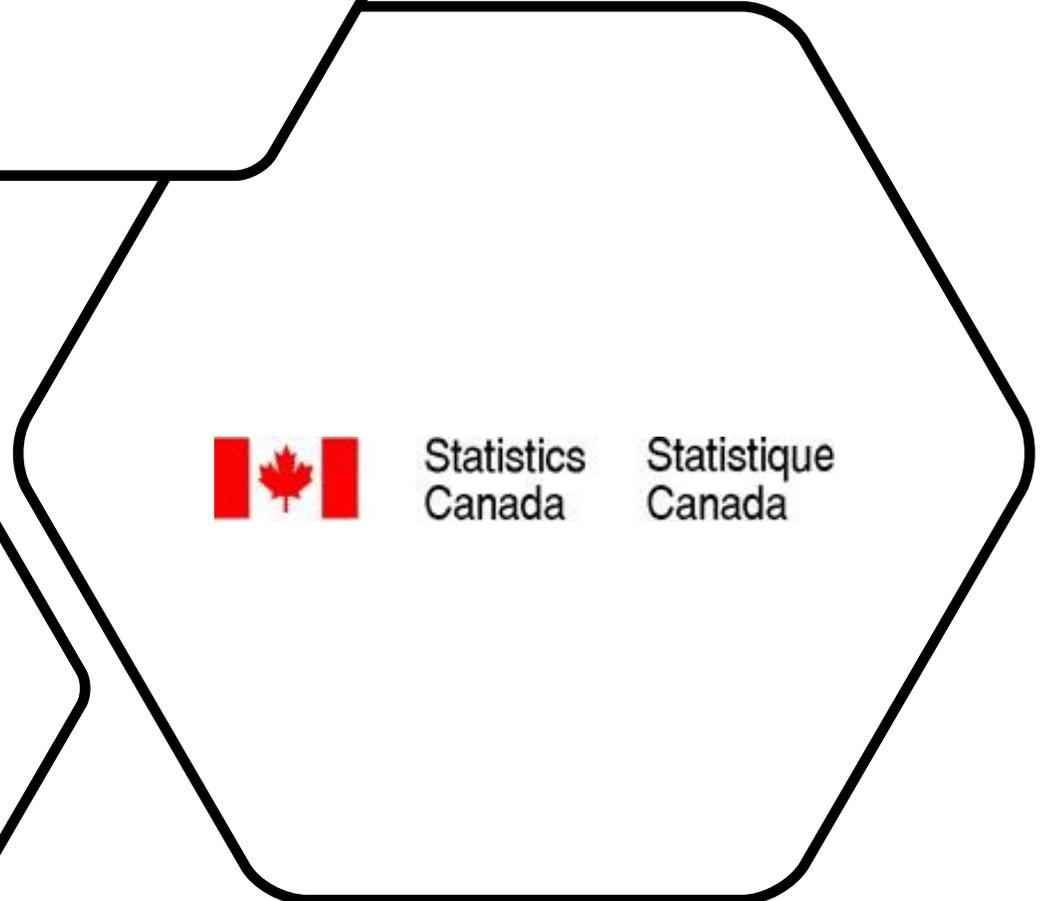


Unleashing international training potential with a *ModernStats Carpentry*

Presented by Eric Anvar (OECD) and
Kate Burnett-Isaacs (Statistics Canada)

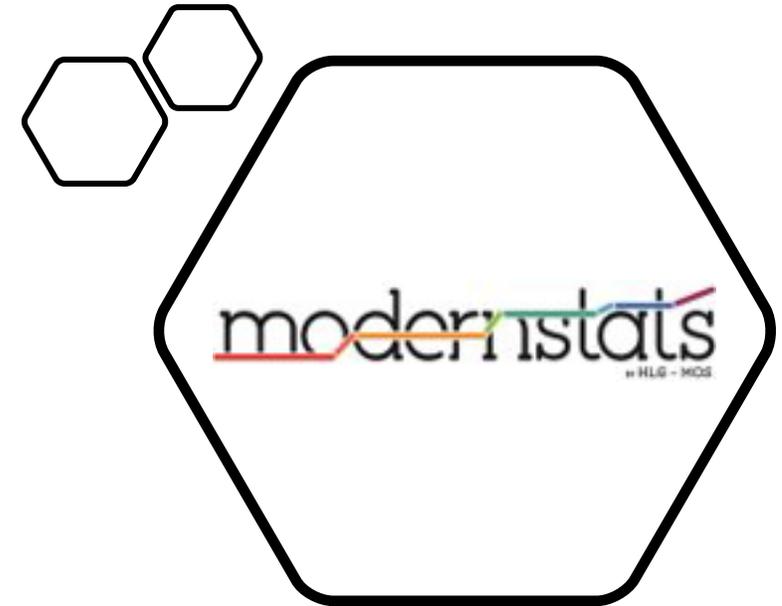
Workshop on Human Resources
Management and Training

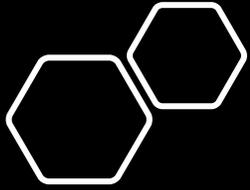
October 12, 2022



Problem facing NSOs today

- NSOs share similar challenges in upskilling their employees as discovered by the HLG-MOS Meta Academy project in 2022.
- The Meta Academy project highlighted that NSOs face similar barriers in that:
 - There is no common understanding of the training needs and no shared methodology to create learning content
 - There is no forum or community for trainers to exchange practices, share on priorities or decide to co-invest in training efforts, including
 - Constantly evolving training with the industry and emerging NSO needs



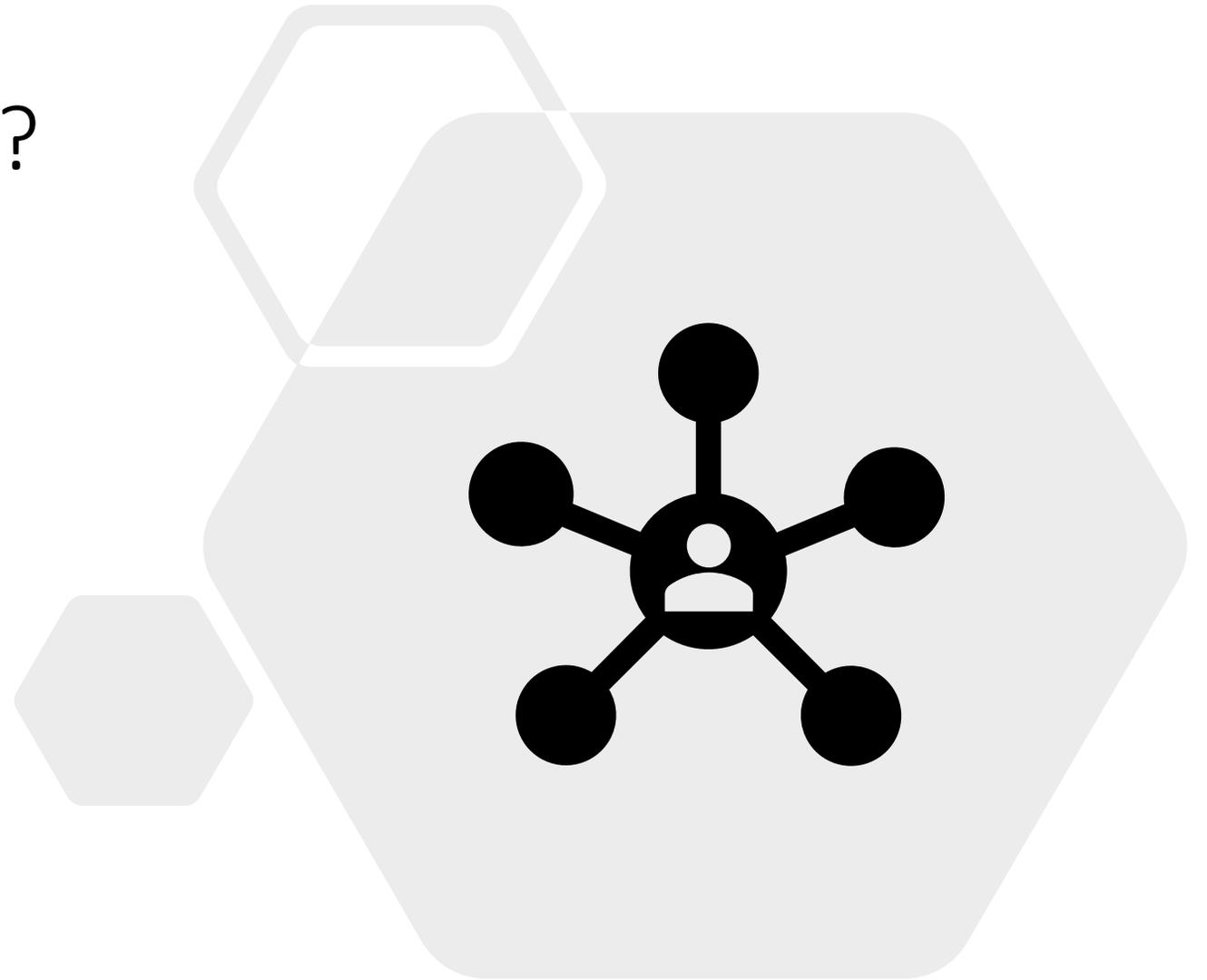


Key takeaways from the Meta Academy project

- **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

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**



Why partner with the Carpentries?

01

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

02

Their vision is to be the “leading inclusive community teaching data and coding skills.”

03

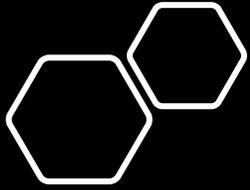
In order to engage with the Carpentries, the HLG-MOS and/or member organizations will need to pay a membership fee;

04

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

05

All Carpentries content are open and free under CC license



What do we get for our money?

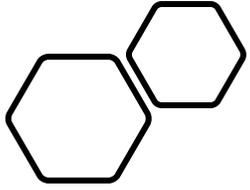
An existing platform to host training material

A framework and support to develop training

A methodology to train trainers and a certain volume of trainers trained per year

Access to a community of 4000 certified trainers and maintainers (mainly from academia), to peer review training contents, exchange good practice, reuse existing content etc.

Result: create a programme dedicated to modernisation of official statistics, train trainers, take part in training organised by other Carpentries organisation



How does ModernStats Carpentry help us?



Methodology to create training

The Carpentries have a standard Lesson Program
Incubation to create new training

Their model emphasizes quality assurance of lessons,
through an iterative approach based on experience
gained with the other Carpentries initiatives;



Forum for trainers

'Train the trainers' programme and mentoring groups
results in the development of a consistently skilled
network of trainers

ModernStats trainers would be added to an existing
network of 4000 trainers



Ensure training content evolves with the industry

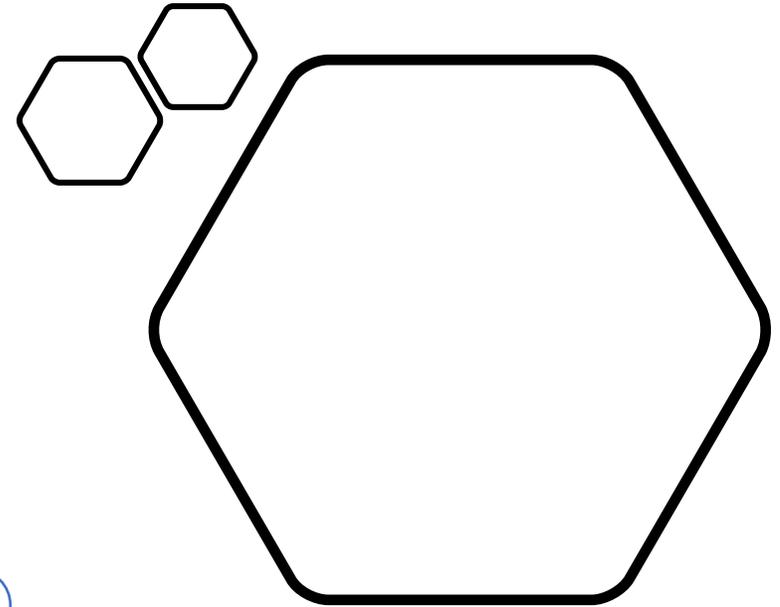
Through the community of trainers and maintainers
that includes academia and industry partners

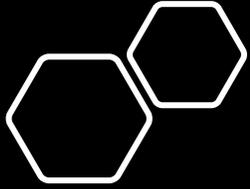
The Carpentries has a requirement and method for
training to be kept up to date

Additional benefits to ModernStats Carpentries

Open ecosystem for
training

Unlocks national
training programmes
that today are not
visible outside.





The ModernStats Pilot in 2023

Part 1: Creating Lesson Program

- A repurposing of existing Carpentries content for a NSO specific persona within statistical agencies.
- This content will then be translated into French in order to demonstrate the international outreach and applicability of the Carpentries curriculum.
- This work package will explore putting a traditional official stats course (like price indexes or GDP) into the Carpentries model.

Part 2: Establish Business Model

- To determine a cost effective and sustainable business model for the HLG-MOS and its members to benefit from the Carpentries model and products in the HLG MOS context.

Key takeaways

01

This is an innovative approach to thinking and working with training across international borders.

02

Can create efficiencies in the development of high quality, standardized training within and across NSOs

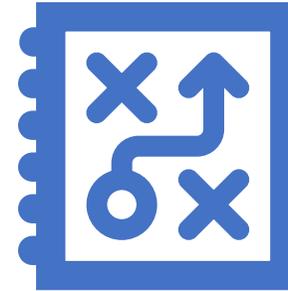
03

There are short and long term efficiencies and unleash the creation and use of open training assets across NSOs.

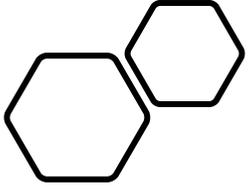
We would like to hear your thoughts



Do you see your NSO contributing to
ModernStats Carpentry?



Would your NSO leveraging the
ModernStats approach and content?



Questions?

Thank you

