

# One-stop-shop for AI-ML for Official Statistics

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[www.statistik.at](http://www.statistik.at)

# Background....

- Proposal to form One-stop-shop (1SS) for AI-ML for Official Statistics
- Funded by EU action grant
- Project kick off in April 2024

# Key Objectives

Develop, maintain and evolve coherent set of capabilities

Set up sandpit platform/hub

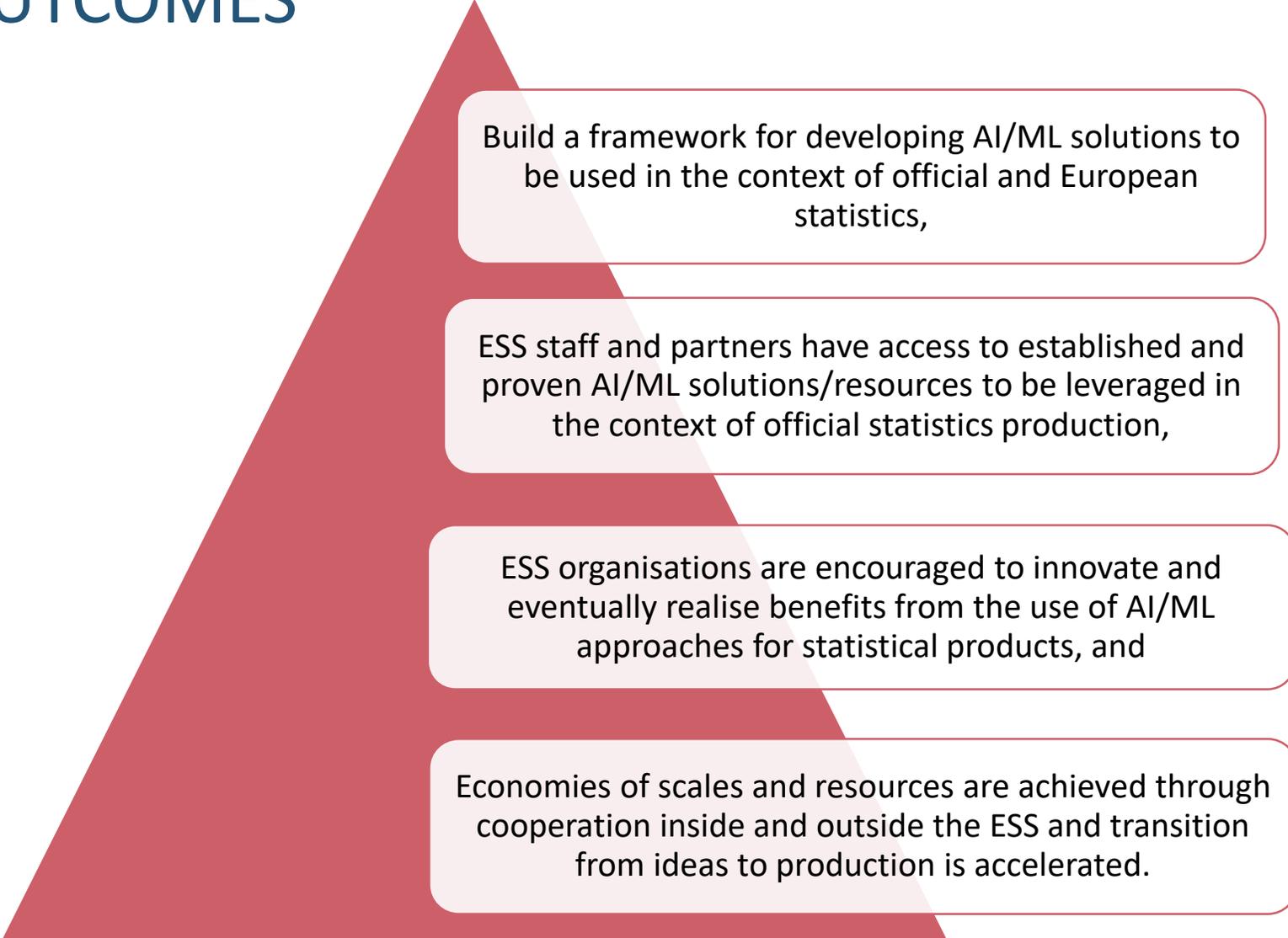
Provide support & guidance for integration & maintenance of AI/ML solutions through training and active support

Build communities around OSS solutions developed by NSI's

Share ideas, experiences, lessons and success/failure stories to stimulate AI/ML innovation

Enable transition from experimental solutions to industrialised and production solutions

# PROJECT OUTCOMES



Build a framework for developing AI/ML solutions to be used in the context of official and European statistics,

ESS staff and partners have access to established and proven AI/ML solutions/resources to be leveraged in the context of official statistics production,

ESS organisations are encouraged to innovate and eventually realise benefits from the use of AI/ML approaches for statistical products, and

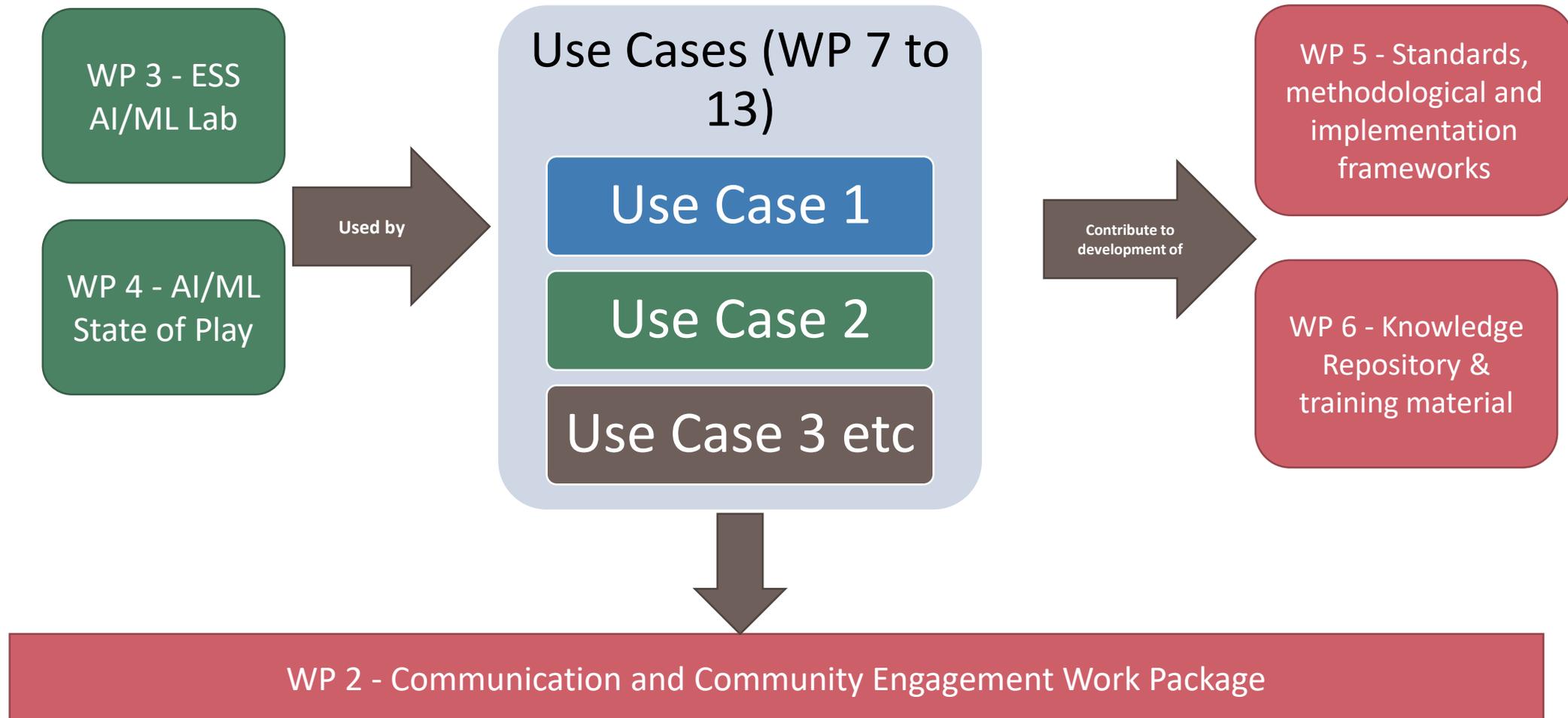
Economies of scales and resources are achieved through cooperation inside and outside the ESS and transition from ideas to production is accelerated.

# Who's Involved?

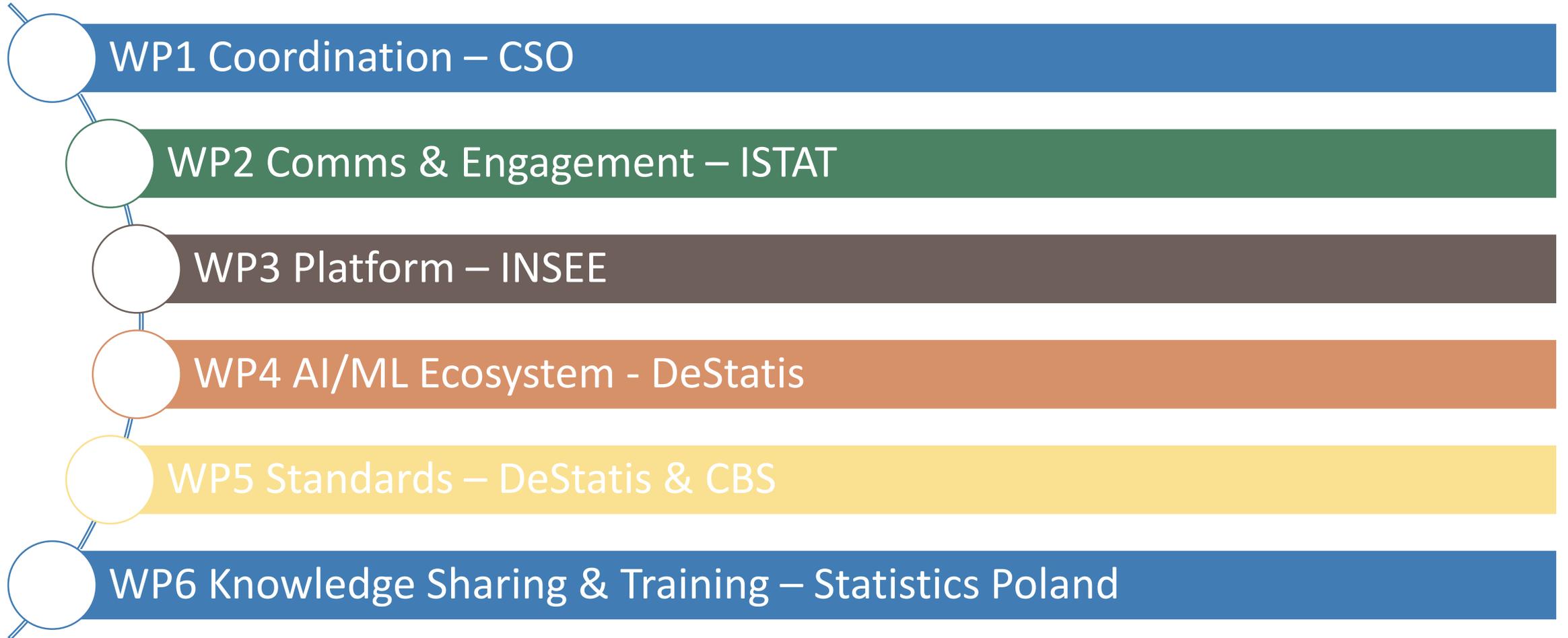


# Project

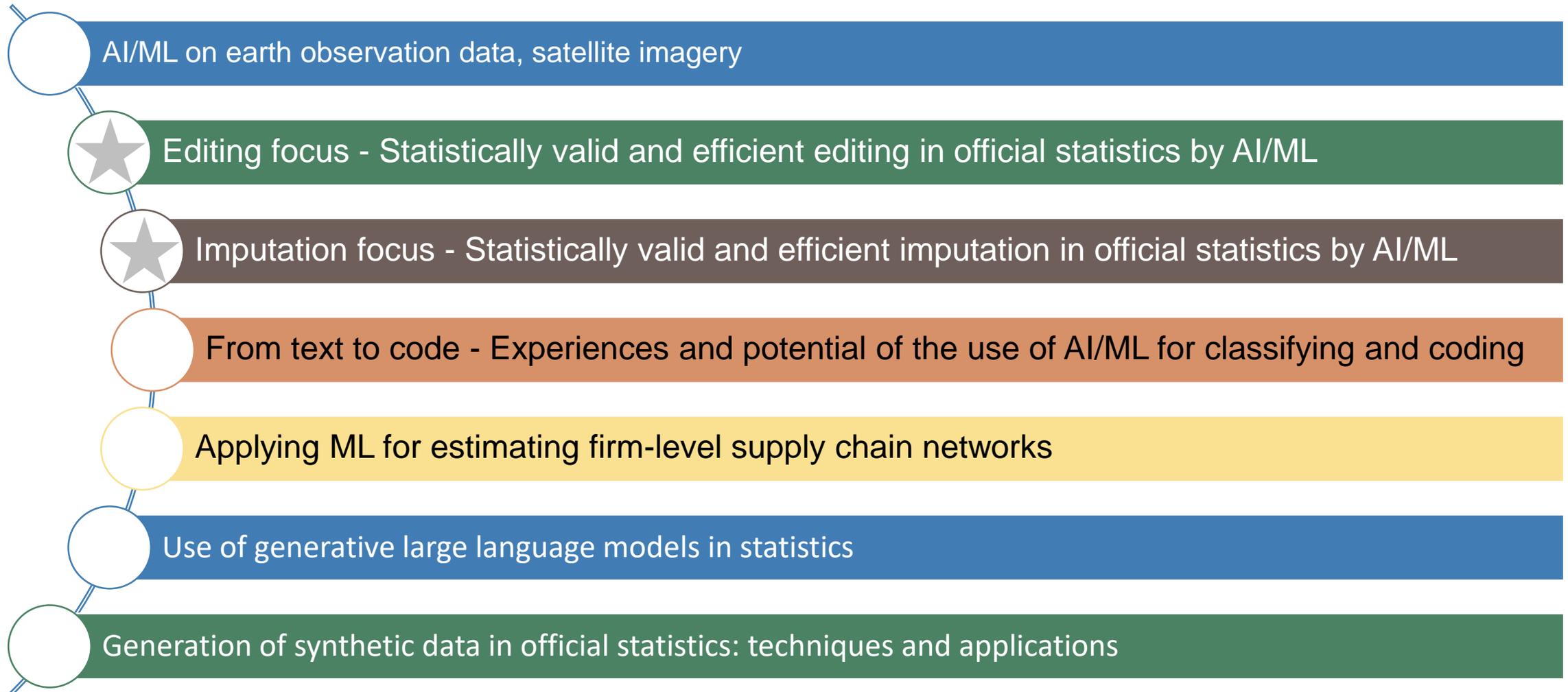
## WP 1 - Coordination Work Package



# Overarching Work Packages



# Use Cases



# Quality in ML/AI

- Reproducibility
- Transparency and explainability
- Ethical considerations

# Methodology in AI/ML

## Standards

- Clarity
- Interpretability
- Transparency
- Data Quality
- Auditability
- Ethics

## Methodology

- Unbiased
- Reproducible
- Valid statistical outcomes

## Implementation

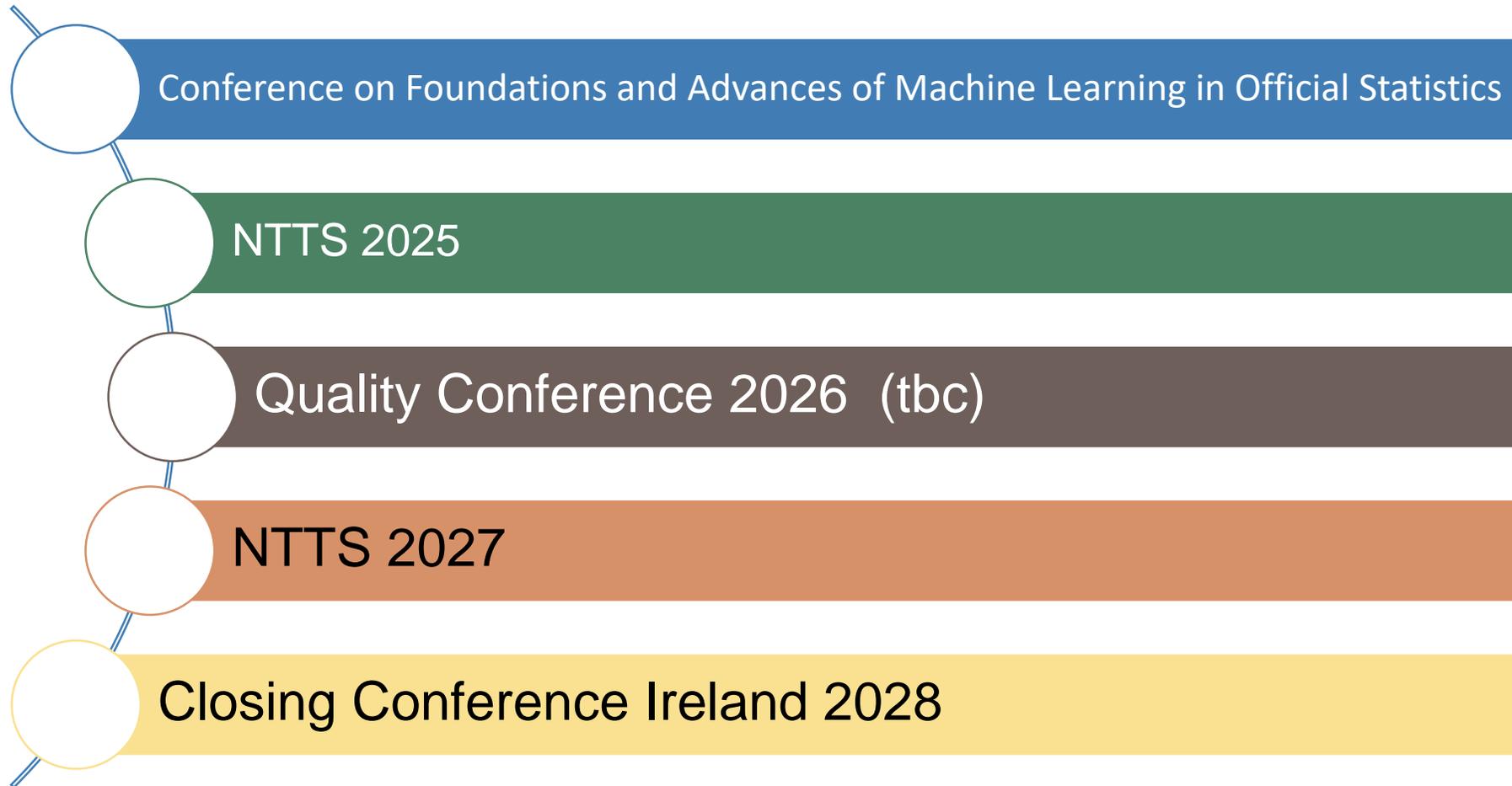
- MLOps
- AI/ML Labs
- Experimentation to Production

# Current Status / Communication



- Each WP has commenced work
- Project dashboard launched on CROS
- Testing environment (sandpit) available for use case
  
- European Sharing Platform – circabc
- Conferences, events participants
- Collaborations with Universities, Enterprises...
- Newsletter
- Social media

# Key Events





**An  
Phríomh-Oifig  
Staidrimh**

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Statistics  
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