



# Introduction to WP6 Incubator and Infoshare

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Infoshare: Telemetry Module for the Workflow Orchestrator, online  
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Public (PU)

## Motivation

Once upon a time in GÉANT...

...not that long ago...

- Little space for new work topics
  - Budget
  - People
  - Time
- New work proposed without a clear goal or community interest
- New work depended on project underspend
- Sometimes lack of transparency why some work is (not) accepted



## Motivation

- Need a framework for new work
  - Community benefit...
    - ...and community interest
    - No more orphaned projects!

### The Solution: **NETDEV Incubator**

- 6 months maximum
- Well-defined timelines & outputs
- Interest from several NRENS



## NETDEV Incubator

### Why

A mechanism to include:

- New work during the project
- Topics emerging after the project preparation phase

### How

- Unallocated budget set aside in WP6 T4
- By following predefined simple rules

### What

- WP6 related topics on Network Development
- Projects whose results NRENs want to use

## NETDEV Incubator Simple Rules

1. A proposal must be **relevant and well-defined**  
Specific, **M**easurable, **A**chievable, **R**esource- and **T**ime-bound
2. A proposal must be **seen as useful by NRENs**  
NRENs should express willingness to *use* the results
3. Description of work, time and budget must **align with WP6**

## NETDEV Incubator Projects in GN5-1

Title	Status
<u><a href="#">Fibre Sensing Incubator Project</a></u>	ongoing
<u><a href="#">AI Chatbot for eAcademy</a></u>	ongoing
<u><a href="#">WorkFlow Orchestrator - Telemetry module</a></u>	ongoing
<u><a href="#">Fibre Sensing Focus Group</a></u>	<u><a href="#">completed</a></u>
<u><a href="#">Time/Frequency service and infrastructure incubator study</a></u>	<u><a href="#">completed</a></u>

More info: <https://wiki.geant.org/display/NETDEV/NETDEV+Incubator+proposals>

# Agenda

- |              |         |   |       |
|--------------|---------|---|-------|
| <b>11:00</b> | → 11:05 | <b>Introduction to WP6 Incubator and Infoshare</b>  | 🕒 5m  |
|              |         | Brief introduction to the NETDEV Incubator (more info here: <a href="https://wiki.geant.org/display/NETDEV/NETDEV+Incubator">https://wiki.geant.org/display/NETDEV/NETDEV+Incubator</a> ) |       |
|              |         | <b>Speaker:</b> Maria Isabel Gandia Carriedo  |       |
| <b>11:05</b> | → 11:20 | <b>Introduction to the Tech Stack</b>   | 🕒 15m |
|              |         | Brief introduction to Kubernetes (K8s), gNMI, Kafka, and TSDB   |       |
|              |         | <b>Speaker:</b> Peter Boers (SURF)  |       |
| <b>11:20</b> | → 11:30 | <b>Deployment Architecture and Helm</b>   | 🕒 10m |
|              |         | <b>Speaker:</b> Peter Boers (SURF)  |       |
| <b>11:30</b> | → 11:40 | <b>Overview of the Helm Chart and Deployment Examples</b>   | 🕒 10m |
|              |         | <b>Speaker:</b> Peter Boers (SURF)  |       |
| <b>11:40</b> | → 11:55 | <b>Demo</b>   | 🕒 15m |
|              |         | Demo of the WFO Telemetry Module  |       |
|              |         | <b>Speaker:</b> Peter Boers (SURF)  |       |
| <b>11:55</b> | → 12:25 | <b>Q&amp;A</b>  | 🕒 30m |
| <b>12:25</b> | → 12:30 | <b>Closing remarks</b>  | 🕒 5m  |
|              |         | <b>Speakers:</b> Maria Isabel Gandia Carriedo, Peter Boers (SURF)   |       |

## Coming Soon

Event	Date
<a href="#">21th SIG-NOC Meeting</a>	13/14 Nov
<a href="#">Infoshare: NREN Fibre Infrastructure for Sensing (Incubator)</a>	5 Dec
<a href="#">Infoshare: What's New in the Network eAcademy?</a>	17 Dec
<a href="#">Infoshare: AI Chatbot for the GÉANT eAcademy (Incubator)</a>	18 Dec
<a href="#">Infoshare:RARE/FreeRTR Use Case: Open-Source Implementation of 5G User Plane Function (UPF)</a>	19 Dec

More information on <https://events.geant.org>

NETDEV Incubator: <https://wiki.geant.org/display/NETDEV/NETDEV+Incubator>







# Thank You!

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