



WG4 EVALUATION, TESTBEDS & PILOTS

one6G SUMMIT2025 – EXHIBITION LAYOUT

SEPT 18-19TH, 2025

one6G WG4, July 4th, 2025

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Eichinger, Huawei, Munich



WG4 Vice Chair: Youssef
Nasser, Greenerwave



one6g.org

ONE6G SUMMIT 2025 CALL FOR DEMOS

VENUE AND DATE



- ***One6g summit 2025 is in presense in Bologna/Italy!!!***
 - one6G Summit 2025 will take place at the beautiful Palazzo Re Enzo in the heart of Medieval Bologna and has always been the hub of the city's economic and social activities.
 - Palazzo Re Enzo, Piazza del Nettuno 1, 40124 – Bologna, Italy
- ***Date: Sept 18-19th, 2025***
- **One6g summit 2025 internet**
 - <https://summit2025.one6g.org/venue-travel/>





ONE6G SUMMIT 2025 CALL FOR DEMOS

EXHIBITION FLOOR



Piano Primo / First Floor



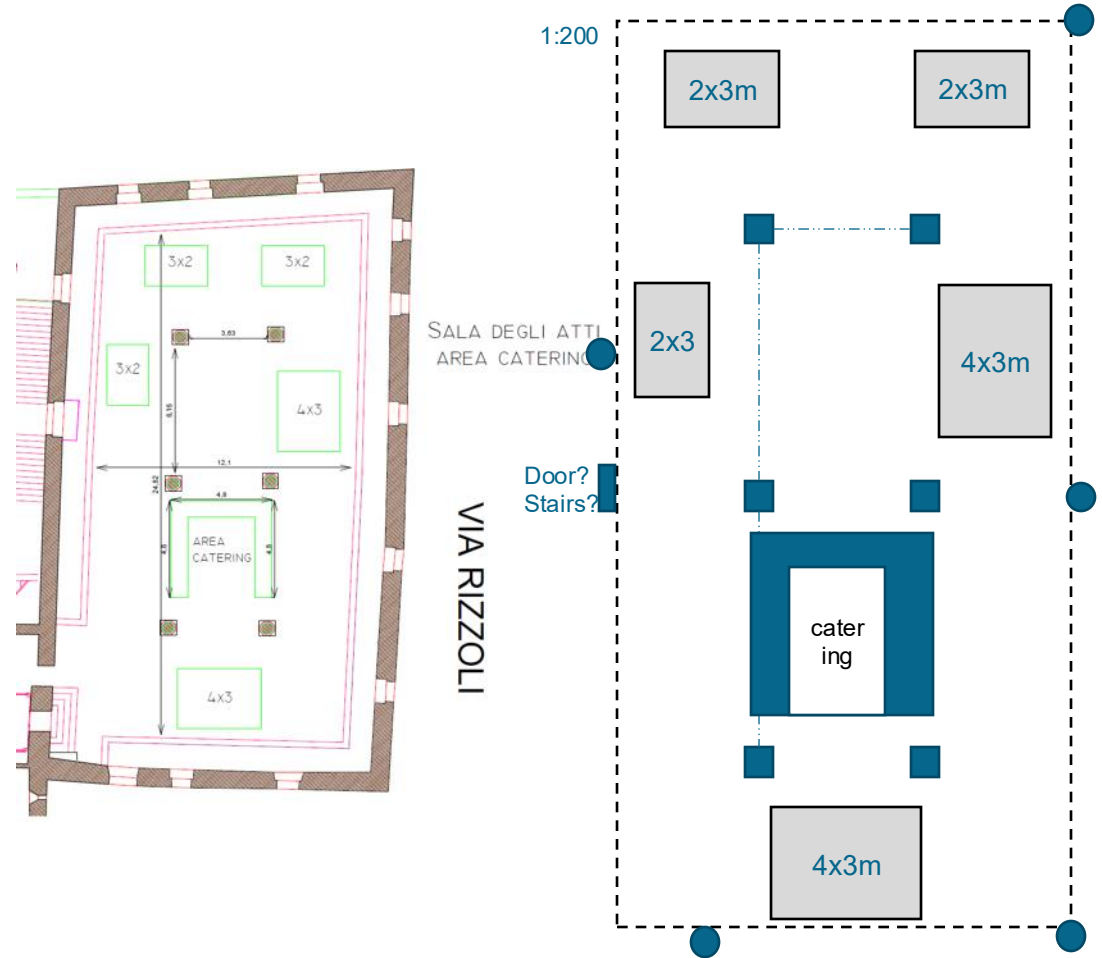
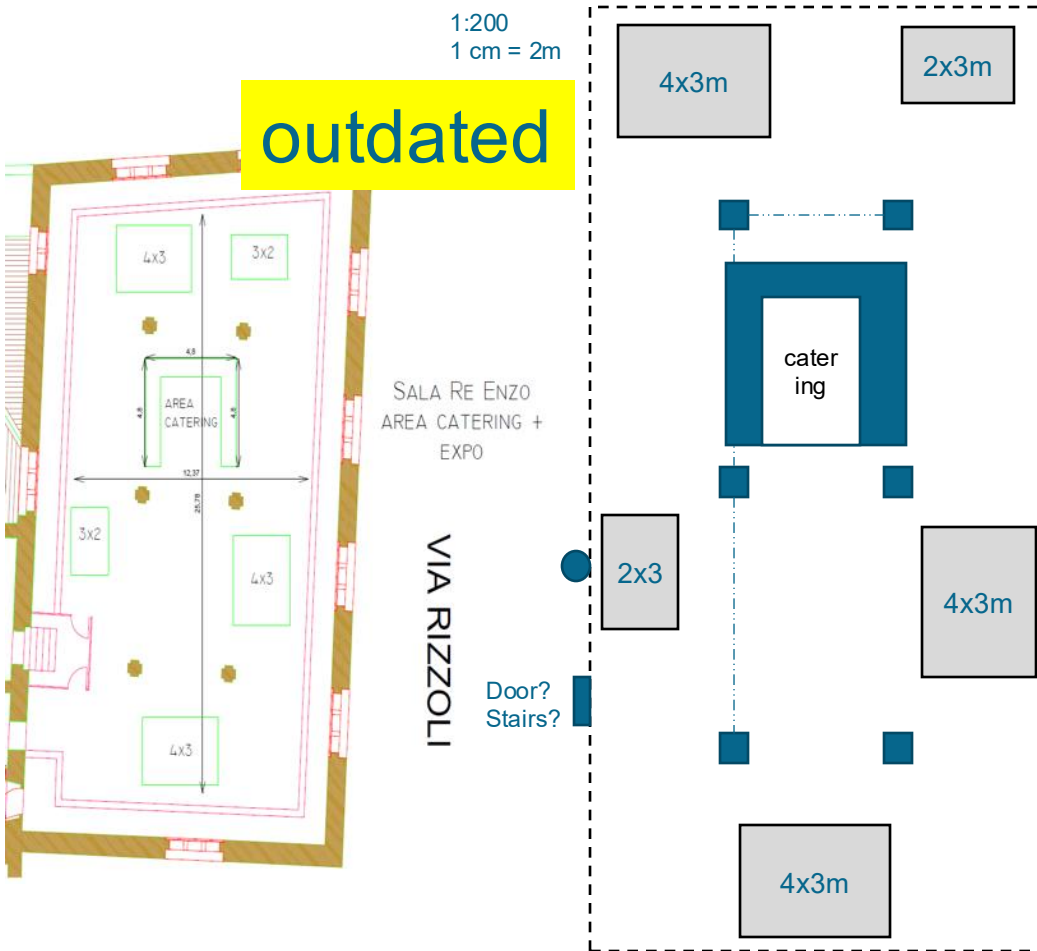
Piano Secondo / Second Floor





ONE6G SUMMIT 2025 CALL FOR DEMOS

EXHIBITION FLOORS – INITIAL DRAFT – 10 DEMOS





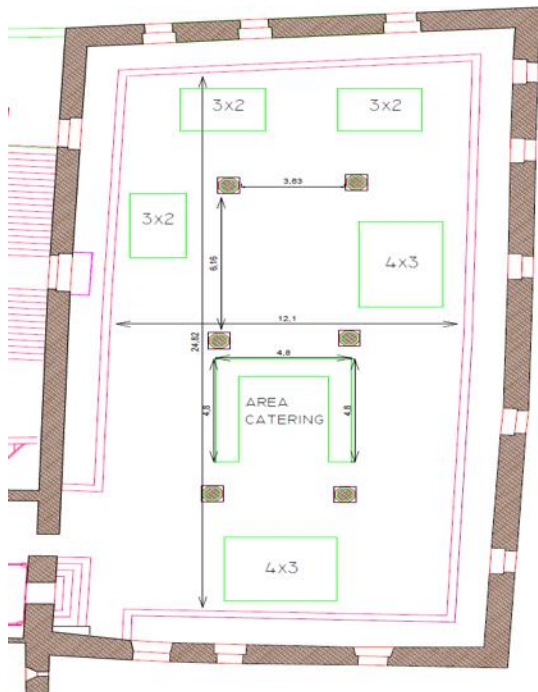
ONE6G SUMMIT 2025 CALL FOR DEMOS

EXHIBITION FLOORS – VERSION 1 – SINGLE ROOM



Preferred Exhibition room

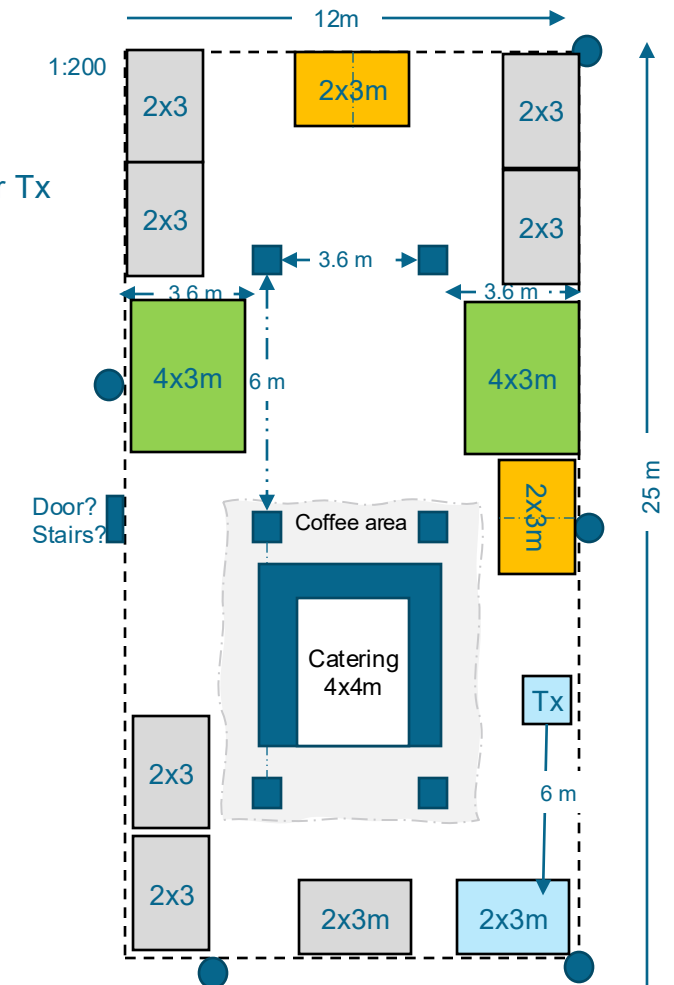
outdated



SALA DEGLI ATTI
AREA CATERING

VIA RIZZOLI

- 2 Sponsors
- 7 booth with single demo
- 2 booth with 2 demo each
- 1 booth with special requirements for Tx antenna



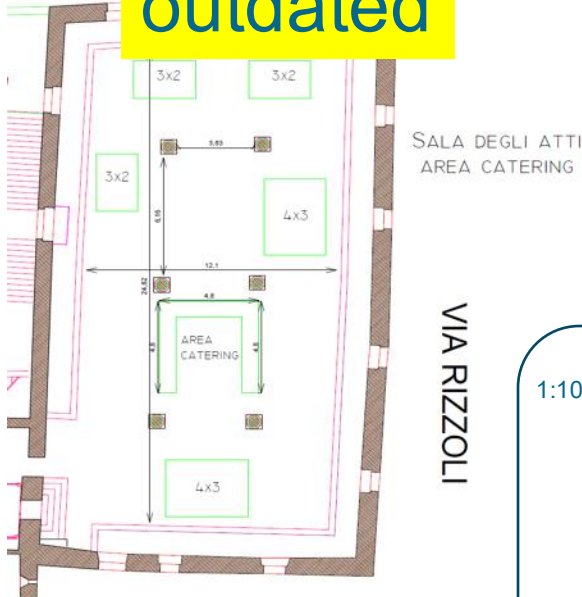
ONE6G SUMMIT 2025 CALL FOR DEMOS

EXHIBITION FLOORS – VERSION 2 – SINGLE ROOM



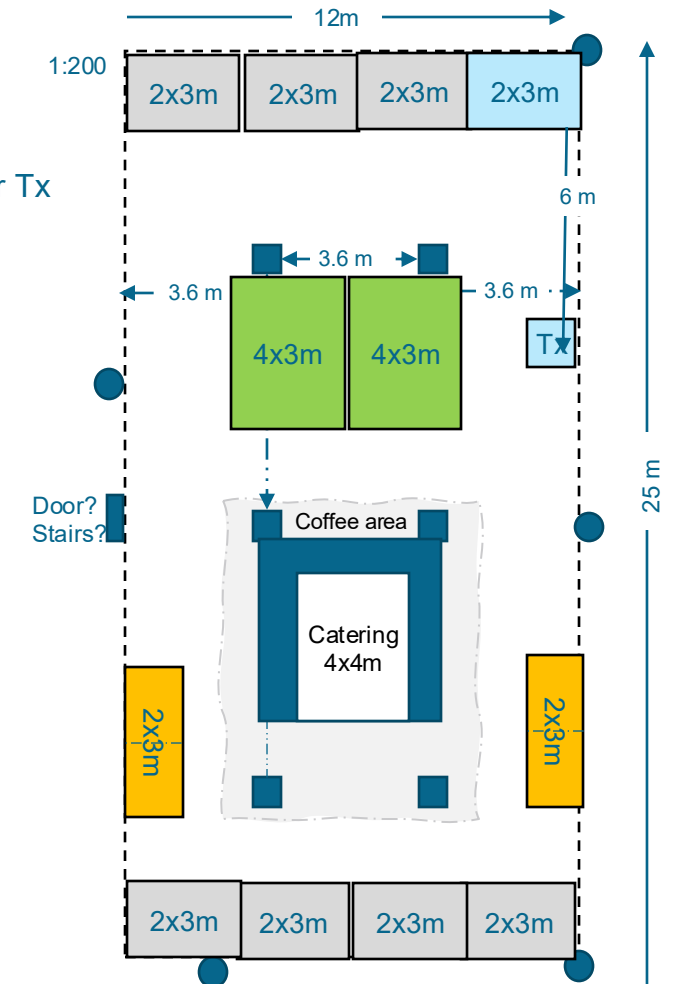
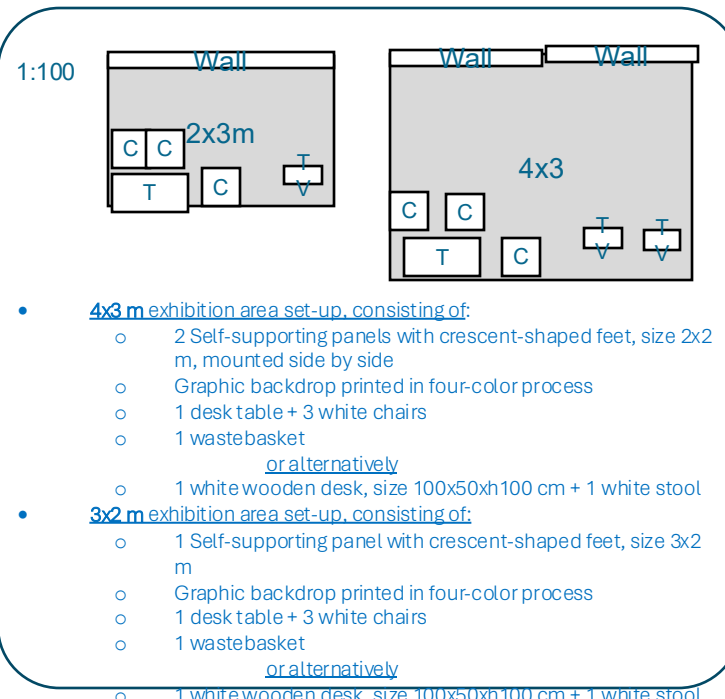
Preferred Exhibition room

outdated



- 2 Sponsors
- 7 booth with single demo
- 2 booth with 2 demo each
- 1 booth with special requirements for Tx antenna

- The 2 booth with double demo could get a different shape
- 2x3 m → 1.5 x 4m





ONE6G SUMMIT 2025 CALL FOR DEMOS

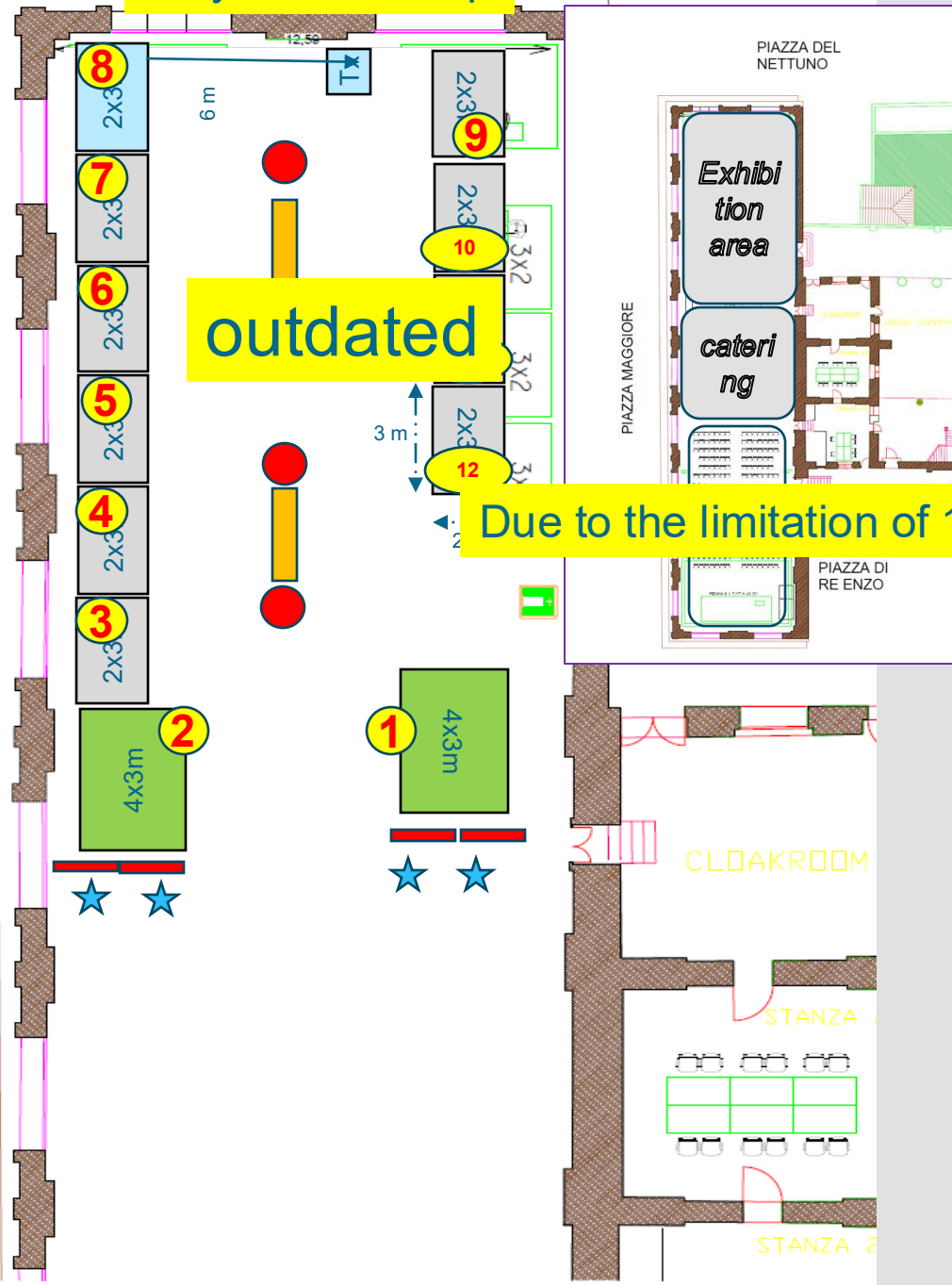
EXHIBITION FLOORS – VERSION 3 → SALONE DEL PODESTÀ



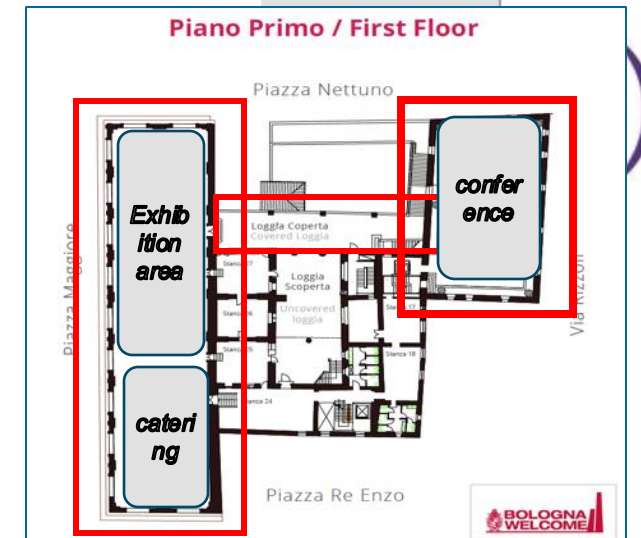
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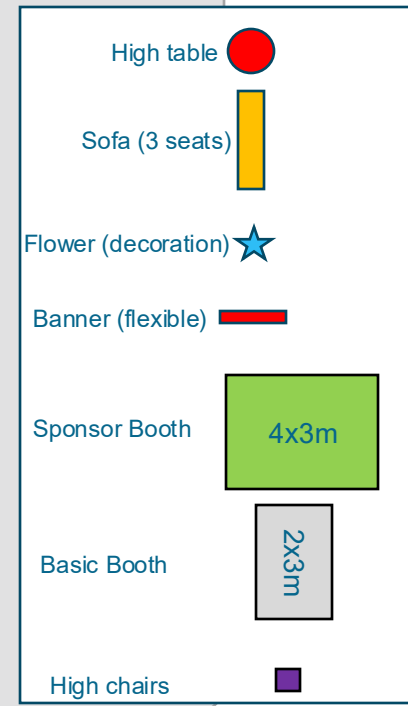
Very dense setup



Relaxed setup - preferred



Due to the limitation of 180 seats in Sala degli Atti we CANNOT have the conference there.



ONE6G SUMMIT 2025 - EXHIBITION



- Proposal: using one6g design from EuCNC 2025



- The summit has just 1 background for 2x3m booth
- 2 backgrounds with 2x2m for the 4x3m booth
- No side banner

- Who provides the design to the agency?

- 4x3 m exhibition area set-up, consisting of:
 - 2 Self-supporting panels with crescent-shaped feet, size 2x2 m, mounted side by side
 - Graphic backdrop printed in four-color process
- 3x2 m exhibition area set-up, consisting of:
 - 1 Self-supporting panel with crescent-shaped feet, size 3x2 m
 - Graphic backdrop printed in four-color process



one6G Endorsed Testbed – Application by TU Deggendorf

ONE6G ENDORSED TESTBED

APPLICATION BY TU DEGGENDORF

Application: “THDeg-Bench” from TU Deggendorf/Prof. Kassler

- THDeg-Bench is a Kubernetes-native framework that streamlines the end-to-end lifecycle of time-series forecasting workloads—from data ingestion and feature engineering through model training, hyperparameter optimization, and real-time monitoring—without writing custom orchestration code.
- Dynamic Hardware Allocation: GPU-aware scheduling with node-affinity via Helm-configured pod templates—tested across A100, GraceHopper, and mixed-accelerator clusters.
- Zero-Touch Training + Monitoring: One-line Helm install triggers data ingestion, model training, and real-time telemetry via Prometheus/Grafana/Kepler. No manual pod restarts, logging setup, or dashboard wiring needed.

Status:

- Application is almost finished
- Has to be approved by WG4 in August

Background

- One6G WG4-WI403, “6GENIAL Guideline for one6g endorsed testbeds”, internal report, April 15th 2024, one6g.org, Munich 2024

One6G WG4

“Testbed endorsed by one6G” application“

Document type: Internal document



1	Testbed name	THDeg-Bench
2	Testbed type	ALPHA,
	See details in [1] section 5. (ALPHA, BETA, GAMMA,..)	Owned and maintained by single one6G member
3	Typical Usage Mode and Scope	Benchmarking framework to evaluate the performance and resource consumption of different AI-based timeseries forecasting algorithms
	See details in [1] section 4.	
4	Date/Time when application was submitted	23.07.2025
5	Contact names/email/phone number	Andreas Kassler (ThD), Khalid Ali (ThD), Phil Aupke (KAU)

(one6G)

THANK YOU FOR YOUR ATTENTION

!! One 6G is contribution driven !! – become active in WG4
please register to wg4@one6g.org email list

one6g.org