



GÉANT Above-the-Net Services

Update

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Work Package Leader, GN5-1 WP4

SIG-CISS Meeting, Geneva/online

13 March 2024

Public (PU)

GN5-1

Agenda

- Update about activities since March 2023
- Plans and Activities for 2024
- Looking ahead: 2025-2026

Broader View on Above-the-net Activities in GN5-1 Project (2023-2024)

Strategic Services Portfolio

- Maintain current service portfolio and support NREN adoption
- OCRE 2024 Cloud tender, to succeed OCRE 2020
- Develop strategic NREN-community approach on collaboration & joint development

Early tests for what works

- Continue piloting new ideas and offers (devops)
- Development on community-based offerings

Service Sustainability

- Pilot spin-out of service (eduMEET) into independent OpenSource
- Don't develop services just because we, NRENs, can and like to






Successfully deliver current services

Delivered OCRE 2020 Framework to record growth

eduMEET mature version 4.0 developed, gaining adoption across R&E




Prepare to run OCRE 2024 tender

Successful NREN requirements gathering and market outreach

PIN published in TED

NREN participation campaign completed



Strategic perspective on community/commercial services

Strategy Forum formed and grown

Draft community strategy presented



Service innovation and post-project sustainability

Services Incubator proposals awarded

eduMEET Open-Source governance

eduMEET version 4 launched; strong community collaboration continues

National Deployments: New NRENs, active engagement with German community

Global Outreach: Contact initiated with WACREN and UbuntuNet Alliance

Code Security Review: Completed for eduMEET version 4 by December 2023



V4.0 Launched!

Managing Framework Contracts Worth 260 Million Euros

- Business Desk and Contract Management Group



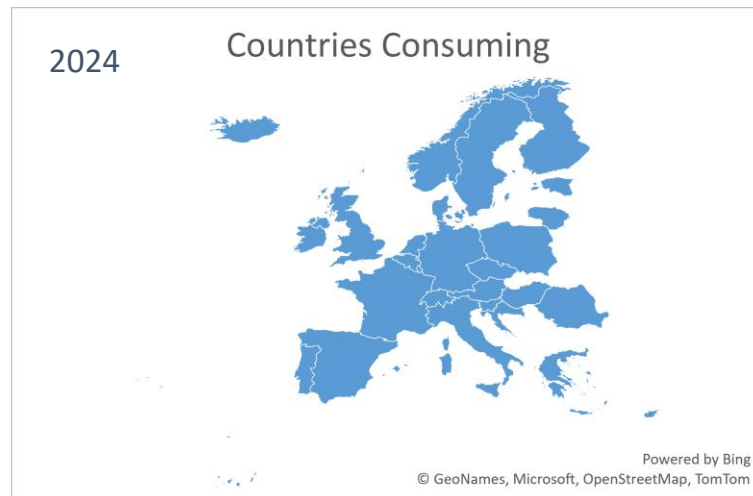
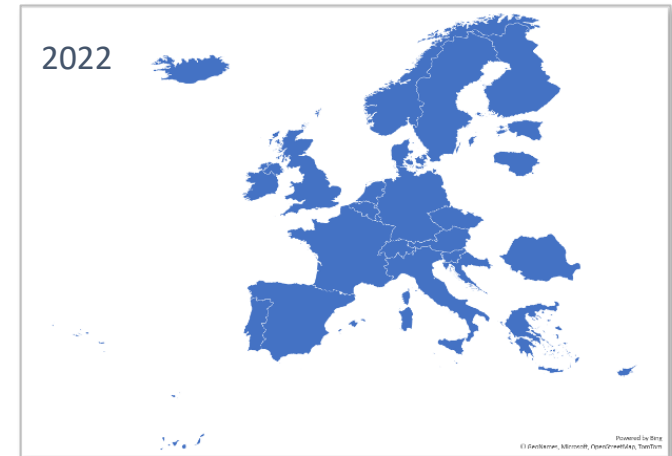
Contract Management of 469 framework contracts

Vendor relationship management (regular calls with c. 20 suppliers)

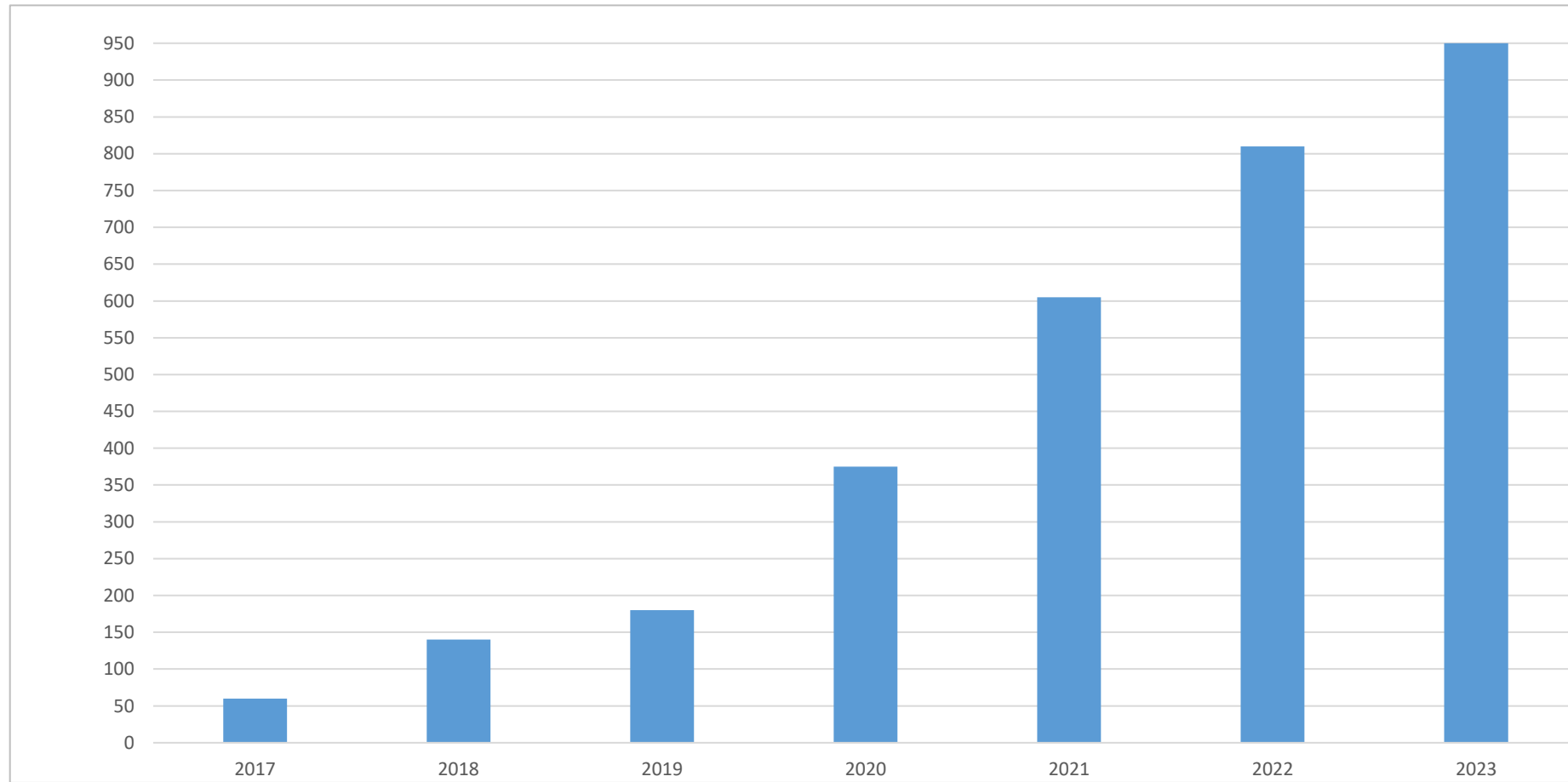
Business Desk operations and second-line helpdesk support (c. 370 tickets)

Bi-weekly Contract Management Group meetings

- Growing to 28 countries in 7 years



- 950 institutions consuming the Frameworks as of 31 December 2023



NREN Cloud Engagement Database created

Bi-weekly Cloud Forum attendance increased from an average 25-30 to more than 35 participants

2023 GÉANT Cloud Survey conducted, receiving 124 responses from 23 countries

GÉANT-EUNIS joint workshops, TNC23 cloud side event, other events presentations



GÉANT Cloud Survey 2023

To help to plan development and delivery of above-the-net services

Background:

- Every 2-3 years. The 2023 Survey carried out in March-April 2023
- 140 responses from R&E institutions and GÉANT member NRENs of 24 countries
- Most responses from large universities from Northern and Western Europe (80%); IT (60%) and management (25%) background



■ Both Institutions and NRENs

■ Institutions only

■ NRENs only

Conclusions (1/2)

There are fewer institutions who only buy or only build services. Hybrid cloud usage may take place in half of the R&E institutions.

Satisfaction with the OCRE 2020 Framework (FW)

- **services** and **suppliers** was lower but the FWs have been different in size and complexity (2016 vs 2020 FWs)
- **Support and services received by NRENs** was evaluated as satisfied by more than half of the respondents by 2021 and 2023 Surveys

Conclusions (2/2)

An increase of IaaS consumption was foreseen by most respondents

Interest in cloud trainings had decreased but trainings were estimated as the most helpful means to increase the usage of FWs.

The most interesting topics for trainings:

- Security and cost control for inst-s
- For NRENs security in 2023 (cost control and legal aspects in 2021)



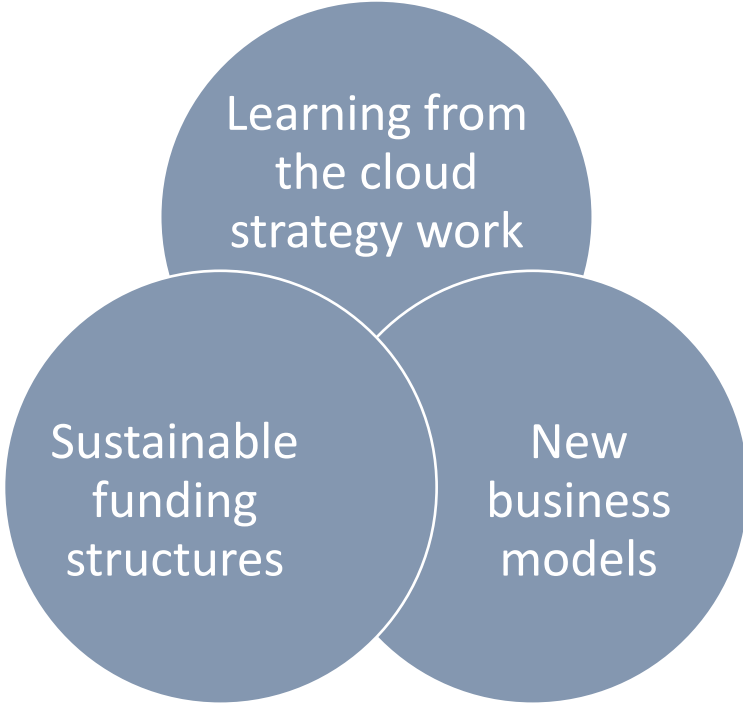
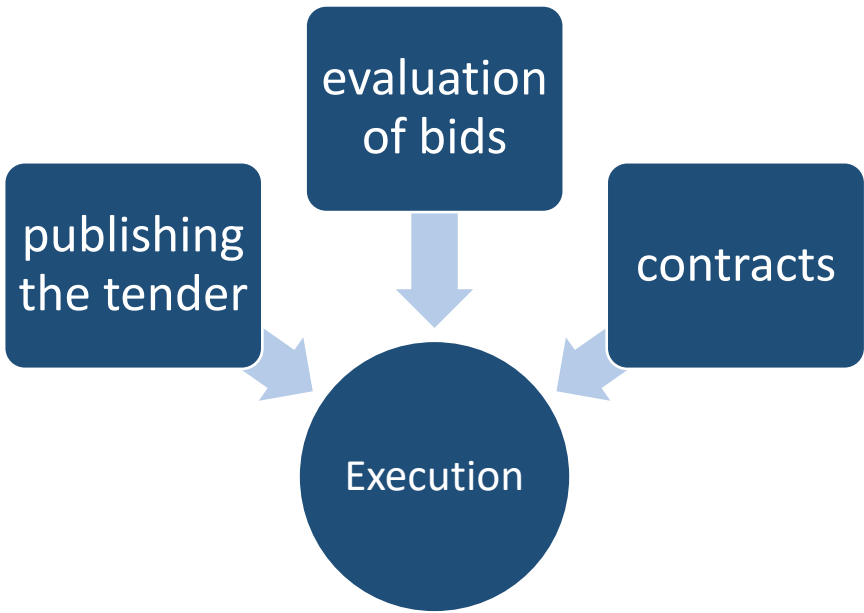
Plans and Activities

2024

Emphasis of 2024

OCRE 2024 Framework

Documentation



Goals and Activities in 2024

- OCRE 2024 Frameworks signed
- Updated Portfolio
- Community Strategy for Above-the-Net Services
- Preparing GN5-2 activities

Contract
Management of
2016 and 2020
Frameworks

Bi-weekly Forums

eduMEET spin-out,
expanding user base,
continuing
development

Supporting 2
incubator projects



Long-Term Plans

2025-2026

Proposed Potential Future Topics for Collective Action

Heavy lift,
long-term payoff

In GN5-2:
concept development

Research data-set
mobility service
on-top of network

Common PaaS
cloud middleware
for integrated
Trusted Research

Pan-European
Sovereign
research data
object-storage

Medium-term

eduMEET
federation

AI expertise
and NREN
support

Education
interoperability

Research
Data and
EOSC
coordination

Joint
commercial
activities
(EOSC)

GN5-2 (January 2025 until June 2027) WP4: Tasks



Task 0 – Work Package Leadership



Task 1 – User-Facing Service Delivery Chain



Task 2 – Vendor-Facing Service Delivery Chain



Task 3 – Services Concept Development



Task 4 – Services Incubator



Thank You

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