

# GN4 Phase 1 Preparation

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## Task Leader application process for GN4 Phase1

DANTE posted the vacancies for GN4 Year1 Task Leaders to the "GEANT Jobs Board" and informed the members of the GN3plus Assembly about this. This entry on the NORDUnet Wiki is to inform the Nordic NRENS about this, and help them decide if there are one or more interesting positions in this. PLEASE NOTE: The deadline for applying is August 4, 2014 CoB.

As time is short, i.e. two more weeks to go, I propose that the Nordic NRENS apply directly to the PMO at DANTE, Cc:-ing me at NORDUnet <[bos@nordu.net](mailto:bos@nordu.net)>. I will compile a list, so we know which GN4 Tasks are being applied for from the Nordics, and can make sure in our discussions with DANTE we know the playing field.

The following documents are available:

- (A) [GN4 Phase1 task structure overview](#)
- (B) [GN4 Phase 1 generic skills Taskleader job description](#)
- (C) [CV/application form](#)

Also, the GN4 Phase1 Technical Annex (=list of PIDs) is available here:

[JRA1 GN4Phase1 Activity.docx](#)

[JRA2 GN4Phase1 PID.docx](#)

[JRA3 PID.docx](#)

[NA2 GN4 PID.docx](#)

[NA3 GN4 PID.docx](#)

[NA4 GN4 PID.docx](#)

[SA1 GN4 PID.docx](#)

[SA2 GN4Phase1 PID.docx](#)

[SA3 GN4Phase1 Activity PID.docx](#)

[SA4 GN4 PID.docx](#)

[SA5 GN4Phase1Activity.docx](#)

[SA6 GN4Phase1 PID.docx](#)

[SA7 GN4Phase1 Activity PID.docx](#)

[GN4Phase1-SA8-PID-v1-PS.docx](#) (added on August 1, 2014, as this was made available by DANTE on this date)

## NORDUnet input for GN4, phase 1

GN4 phase 1 is the first year of the 7 year GN4 project. It is expected that

- The first year will run under the Framework Partnership Umbrella (FPA)
- Will be funded with ~25 M€.
- As it is just one year, will be a bridge between GN3+ and GN4
- Will have the same basic structure as GN3+ - same high-level activities, same activity leaders, etc
- It is expected that a significant number of GN3+ activities will be extended for an extra year
- New ctivities should be **one year only**, i.e., be able to start and reach a reasonable delivery in a single year.

## GN4 phase 1 idea process

New Idea NIFs from Nordic NRENS and NORDUnet has now been submitted (31 January 2014). In addition, nordic activity leaders in SA2, SA3, SA5, JRA1 have submitted NIFs on behalf of their existing activities.

Thanks a lot to all who contributed.

## Overview of NIFs

[Spreadsheet with list of all NIFs, budget overview, etc.](#), excluding those to be submitted directly from activity leaders.

[All NORDUnet / Nordic NREN NIFs as a ZIP file.](#)

[Cover letter for GÉANT PMO.](#)

## Ideas from NORDUnet at the Nordic NRENS

General:

- [Joint Key Account Management](#)

SA1

- [RPKI \(SUNET\)](#)
- [GÉANT International Connectivity Architecture \(NORDUnet\)](#)

SA2

- [Performance Verification Architecture \(NORDUnet\)](#)
- [Highly Accurate Time Service \(NORDUnet\)](#)

SA3

- [NaaS general service \(DeIC\)](#)
- [Network Functions Virtualisations specification and testing](#)

SA4

- [Dependability models and measurements \(UNINETT\)](#)
- [Data analysis as a service \(DaaS\) - \(UNINETT\)](#)
- [Monitoring & Reporting for eduroam/radius](#)

SA5

- [Affiliation Authority \(SUNET\)](#)
- [eduroam as a service \(FUNET\)](#)
- [Best Practices for federation operations \(FUNET\)](#)

SA7

- [WebRTC applied in an elearning environment \(UNINETT\)](#)
- [LTE/4G offload - seamless wlan/4G mobility \(UNINETT\)](#)
- [Service Portfolio Mapping Across All Participating NRENS \(FUNET + DeIC\)](#)
- [Transparent internal market for connections \(national and cross-border\) \(DeIC\)](#)

Security

- [OPEN HSM \(SUNET\)](#)
- [Smartcards and second factor tokens \(SUNET\)](#)
- [IRT for Federations \(SUNET\)](#)
- [DDoS Detection and Mitigation \(FUNET\)](#)

JRA1

- [Optical Broadcast \(SUNET\)](#)
- [Optical Networking in campus area \(UNINETT\)](#)
- [Optical Spacial Division Multiplexing \(UNINETT\)](#)
- [European Low Latency High Quality Collaboration \(LLHQ\) \(UNINETT\)](#)

JRA3

- [E-mail based Identity Provider Discovery \(UNINETT\)](#)
- [OpenID Federations \(UNINETT\)](#)
- [Level of assurance \(LoA\) for authentication \(FUNET\)](#)

Submitted by Activity Leaders directly

- [list of 15 NIFs being submitted by JRA1 AL.](#)
- [MD-VPN Phase 1](#)
- [Network-to-the-Lab](#)
- [Multi Domain OTN Cross Connect Service](#)
- [Provisioning tool for network connectivity services](#)