

Simplified NIF for GN4 Input

Purpose: This NIF form is to be used for the submission of New Ideas suggested for inclusion in the GN4 Phase1 and beyond proposals. Budget estimates, information about objectives, impact, benefits, etc. as well as scope must all be supplied.

Submit to: pmo@GÉANT.net by January 31st, 2014 with the subject label starting: GN4Input

Overview

Project Name: Transparent internal market for connections (national and cross-border)

Project Proposer: Martin Bech

Project Type: GN4 Phase1 or longer term

Duration proposed

Deliverables proposed (If any can be defined at this stage)

Milestones proposed (If any can be defined at this stage)

Feasibility and design report on an internal market for connectivity

Estimated Project Costs (best effort!)

Manpower in person-months also identifying specific expertise required

24 PM

Understanding of technical and administrative requirements for fibre procurement

Hardware and equipment:

0

Other costs

Travel costs: in Phase1, 10 travels, approx. 10000 EUR

1 Background and Reasoning

Provide background information and the context of the project. Explain the reason for the project. What do you want to be different? What do you hope to improve? Why is the project needed? This should be the reason for the project, not the solution.

Thanks to GÉANT and an engagement of the community, there is now an increased collaboration at the European level in the areas of procurement of hardware as well as for dark fibres. For example, in 2013, there have been examples of collaborations between different NREs to avoid a duplication of efforts for tendering new equipments (this is not limited to Europe, e.g. Internet2 Net+ initiative).

However, especially for dark fibre and cross-border fibre, there might be room for improvement so that NREs in collaboration can find the best possible solutions. This leads to situations in which on the same segment, different NREs can have procured connectivity without consulting each other.

It is therefore necessary to investigate how this could be done before.

2 Objectives, Impact and Benefits

Provide one or more bullet points to briefly describe the primary objective(s) of the project in terms of the desired outcomes. This should be expressed in the form: 'To ensure...', 'To implement...', 'To service...', 'To improve...', 'To innovate...', 'To optimize...', 'To save...', etc. For each objective mention the benefits to identified stakeholders (e.g. end-users, NRENs, large international research projects, industrial research partners, high level education, etc.) should be mentioned. A description of the expected overall impact must also be provided.

- To make a better use of existing resources and assets in order to get economies of scale and avoid duplication of efforts
- Reduce overheads around connectivity procurement

3 Scope

Describe the areas expected to be covered or impacted by the proposed activity, such as organisational areas, systems, processes, resources.. i.e. what is 'in scope'. This is not a list of what will be done but identifying the services, areas or what, will be affected.

Also please enumerate specific items which although they could perhaps be related are intentionally not addressed by your proposal ("Out of Scope").

1. In Scope

This project is conceived as a one-year pilot 1. to investigate the conditions of feasibility of such an internal market for connectivity – incl. legal and financial conditions – as well as the willingness of NRENs to participate in such an internal market and 2. To propose after consultation of the relevant parties a design for this new market.

For each country/NREN it should be investigated what obstacles this country/NREN foresees if we are to create an internal market for connection services. This internal market could be the platform for enabling the whole community to act as one entity towards pan-european institutions such as ESA. This market could also serve as the primary means of provisioning pan-european connections for the whole community, rather than provisioning this from commercial partners.

The activity should make negotiations with a representative number of countries and produce a feasibility and design report as a first step leading towards the creation of such a market in a subsequent activity.

2. Out of Scope

Engage in procurement itself.

4 General Information

Outline any potential issues, risks, dependencies, assumptions, constraints and limitations or any other points that may be useful to help assess the proposal.

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