

GN4-3/GN4-3N Project

Karl Meyer, GÉANT

January 2019



Third phase of GEANT2020 FPA

GN4-1

May
2015 –
April
2016

GN4-2

May 2016 – Dec 2018

GN4-3

Jan 2019 – Dec 2022

GN4-3N

Jan 2019 – Dec 2022

GN4-3 in numbers



39 Partners, 42 Countries
157 FTEs (average per year over project duration)
500+ registered contributors

GN4-3/GN4-3N total EC funding: €128M



9 Activities, 34 Tasks
124 Deliverables
32 Milestones

GN4-3 – 77.5MEUR, 4 year duration

Maintain the operational excellence, while still achieving cost economies

10 activities → 9 work packages

No separate ops and dev WPs

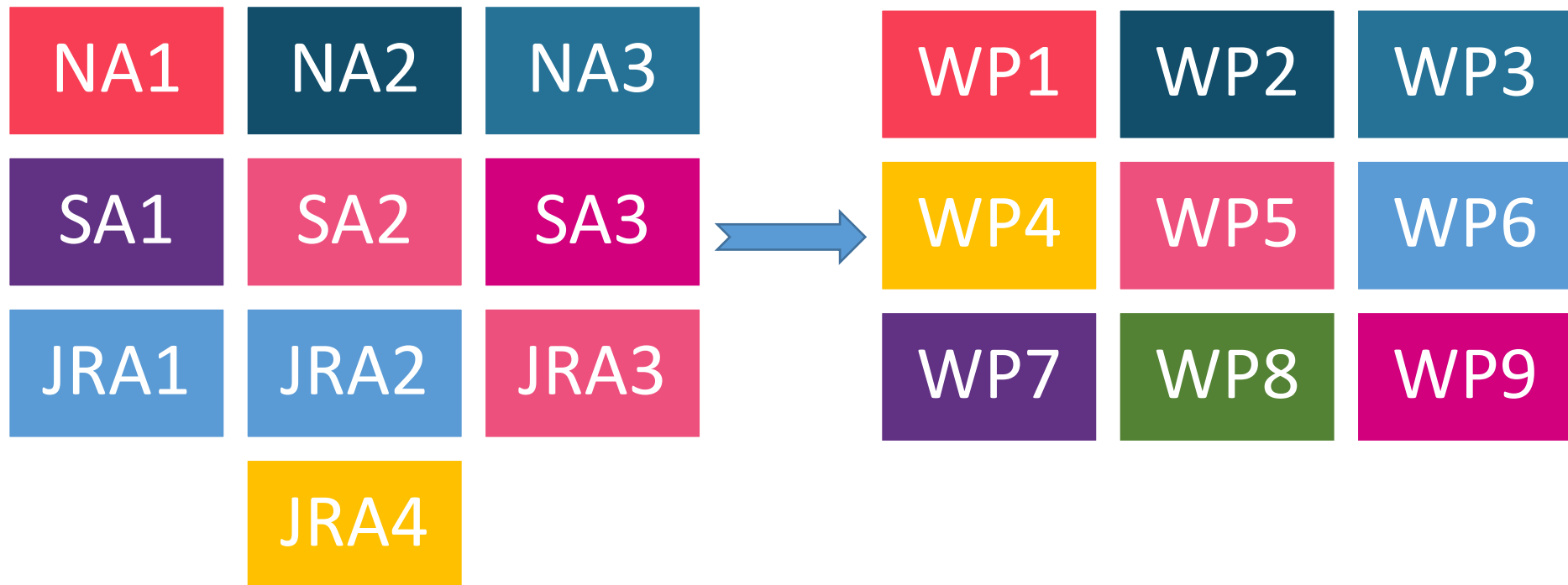
The whole lifecycle of a service in a single devOps WP

New security WP

Work is grouped into 3 **Support**, 5 **Service DevOps** and 1 **Operations WP**

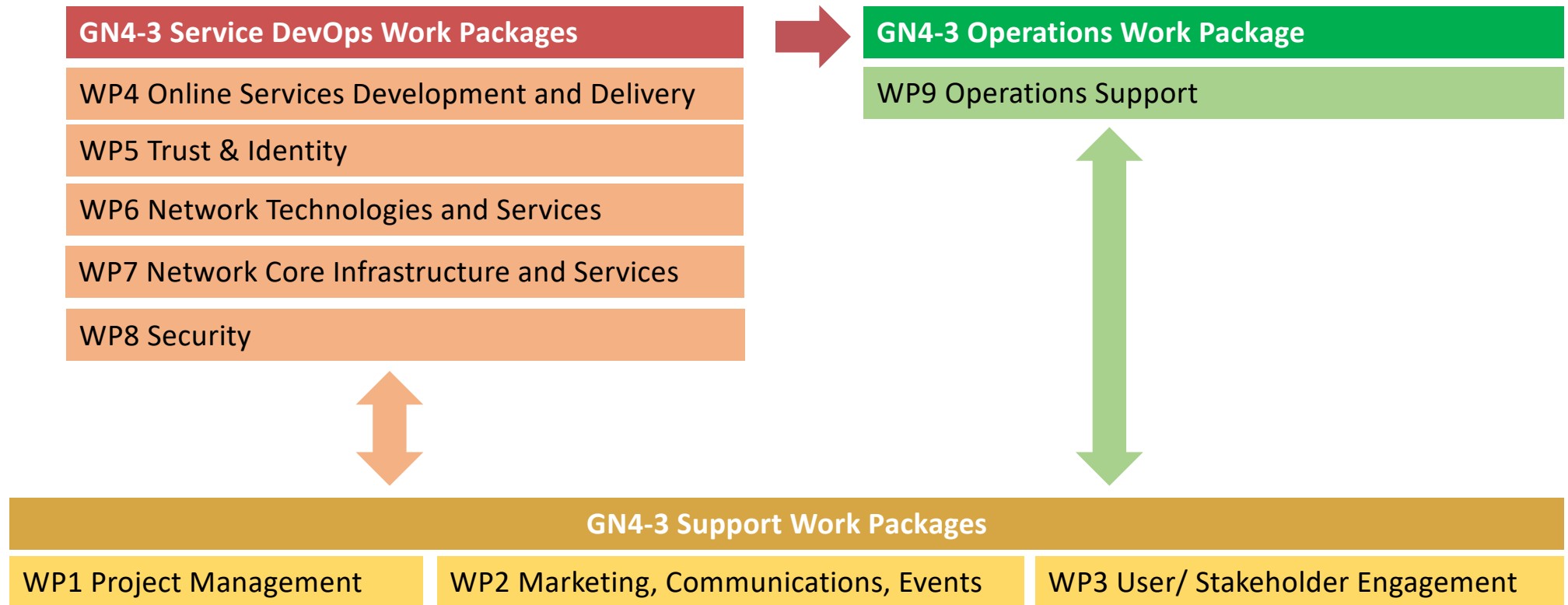
PLM performs regular reviews of the services

From GN4-2 to GN4-3



GN4-3 Structure

Nine Support, Service DevOps, and Operations Work Packages



Work Package 2: Marketing, Communications and Events

Objective

WP2 provides a professional, integrated marketing communications and events service to the project, for outreach and promotion at national, European and international level. It also supports other Activities and project partners in their own communications with the project's stakeholders and partners.

Tasks

- **Task 0: Work Package Leadership (Work Package Leader: Cathrin Stöver, GÉANT)**
- **Task 1: Communications and Design (Task Leader: Paul Maurice, GÉANT)**
- **Task 2: Services Marketing (Task Leader: Karl Meyer, GÉANT)**
- **Task 3: Events (Task Leader: Steffie Bosman, GÉANT)**

Key Performance Indicators

- **TNC attendance to increase by 3% year on year for the duration of GN4-3.**
- **Grow digital and printed copies distribution by 5% year on year for duration of GN4-3.**
- **Increase total visits to GÉANT community portal (connect.geant.org) by 10% year on year for duration of GN4-3.**
- **Every CONNECT issue to provide thought leadership and promote the network's features, technologies and importance to scientific research.**
- **Increased collaboration with e-infrastructures through joint events (DI4R) and booths.**
- **Increased provision of design elements to the stakeholder community.**
- **50% of social media posts to generate >=2.0% engagement rate year-on-year.**

Work package	WP2													Start date	01-Jan-2019	
Work package title	Communications															
Participant number	1	8	10	11	13	17	19	20	21	25	26	27	30			
Shortname of participant	GÉANT Association	CARNet	CyNet	DFN	GARR	HITSA	IUCC	Jisc	KIFÜ	NORDUnet	PSNC	RASH	RENATER	TOTAL		
Person/months per participant	250.6	7.2	7.2	1.2	1.2	10.8	4.8	1.2	4.8	4.0	94.2	4.8	6.0	398.0		

Description of risk (indicate level of likelihood low-medium-high)	Proposed risk-mitigation measures
Lack of NRENs willing to host and/or contribute to TNC in the future (likelihood: MEDIUM ; impact: MEDIUM)	Securing NREN locations up to 2023
NRENs not using Marketing output (Likelihood: LOW ; Impact: MEDIUM)	Look at proposed KPIs and check risks of uptake

GN4-3N – 50.5MEUR, 4 year duration

100% funding of IRUs and associated equipment

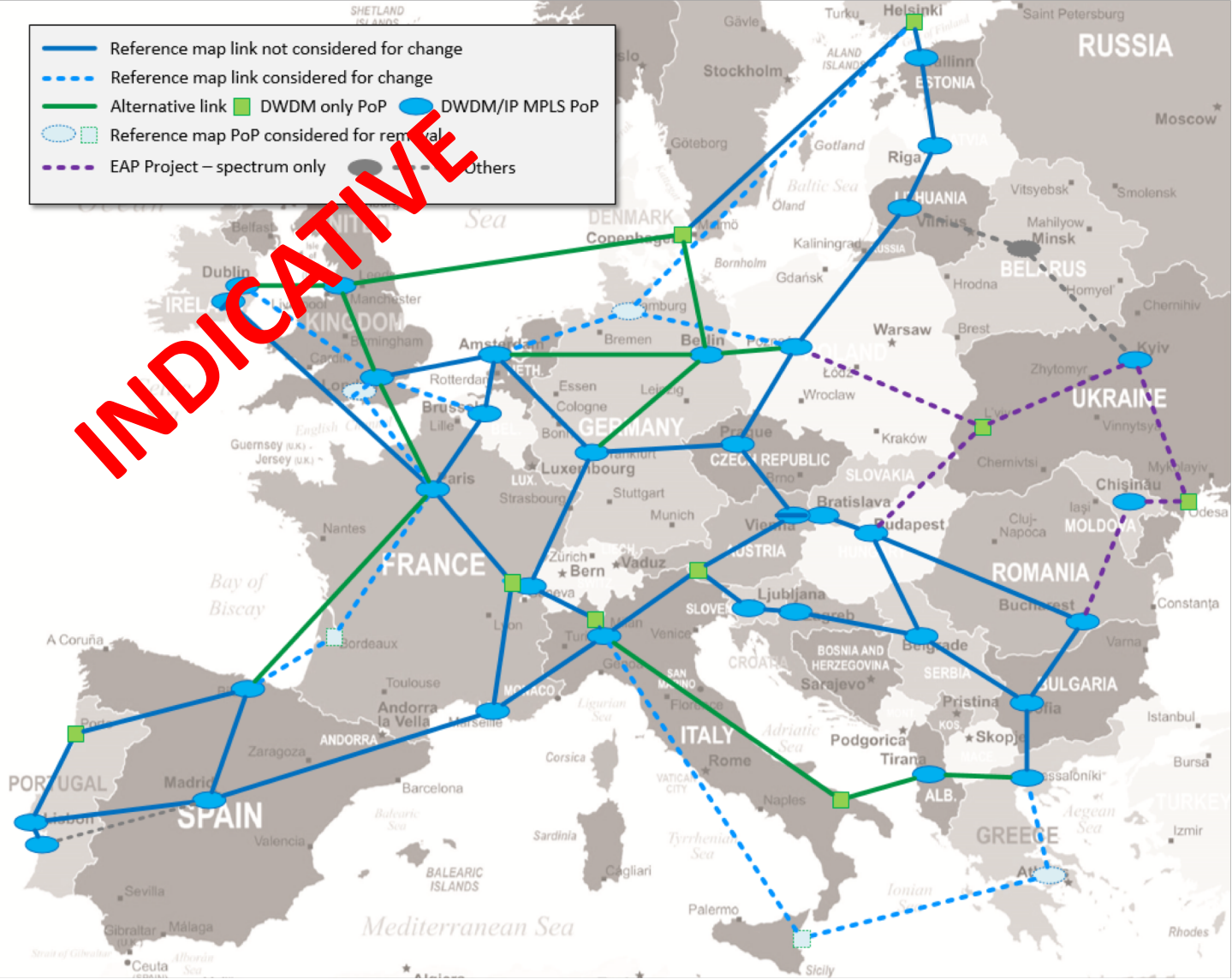
Improve the geographical coverage of the GÉANT backbone network using fibre optic technology, IRUs, CBF or spectrum sharing.

Ensure the upgradability of the complete optical infrastructure to Terabit speeds over the coming years at reasonable cost.

Limit the added operational and maintenance cost to a sustainable level for the cost-sharing mechanism between partners.

Be implemented in such a way that the continuity of reliable, secure, high-speed Internet access and all other GÉANT connectivity services are preserved throughout the project.

GN4-3N: Current View (Including some of EAP)



Other locations not on footprint

Location	Example Lease	Spectrum/Fibre
Israel	2x 100G	YES
Cyprus	2x x10G	YES
Malta	1x x10G	YES
Turkey	2x 100G	YES
Luxemburg	2x 100G	YES
Montenegro	2x x10G	NO
Macedonia	2x x10G	NO

Thank you
Any questions?

