

Trust and Identity Incubator

GN4-3 WP5 T2



Niels van Dijk, SURFnet

Feb 5, 2019

Welcome to the Trust & Identity Incubator (T&I)

- Introductions
- A bit about GN4-3
- Trust & Identity Incubator
- Methodology
 - Activities: Sprints, Demos and Team
 - Advisory Board
 - Tools & Meetings
 - Team responsibilities
- Deliverables
- Current Activities
- TIM challenge
- Next Steps



Third phase of GEANT2020 FPA

GN4-1

May
2015 –
April
2016

GN4-2

May 2016 – Dec 2018

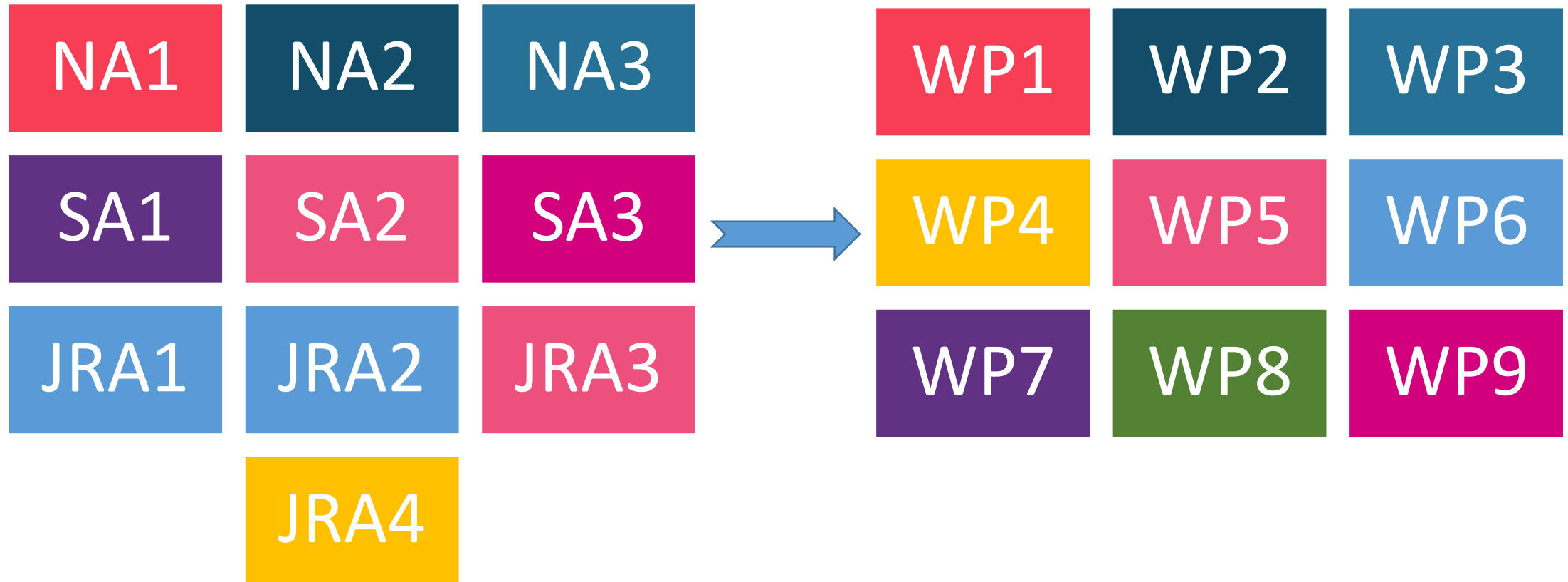
GN4-3

Jan 2019 – Dec 2022

GN4-3N

Jan 2019 – Dec 2022

From GN4-2 to GN4-3



- WP 1: Project Management
- WP 2: Marketing, Communications and Events
- WP 3: User and Stakeholder Engagement
- WP 4: Online Services Development and Delivery
- **WP 5: Trust & Identity Services Evolution and Development**
- WP 6: Network Technologies and Services Development
- WP 7: Network Core Infrastructure and Core Service Evolution and Operations
- WP 8: Security
- WP 9: Operations Support

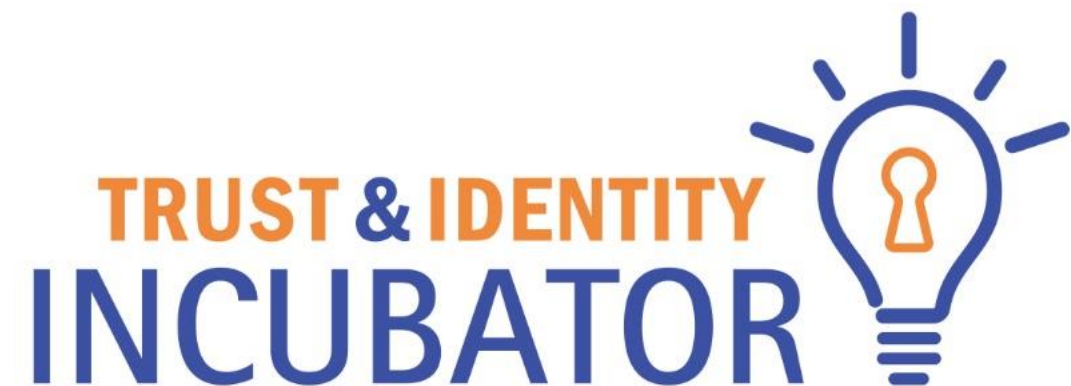
- Task 0: Work Package Leadership (Marina Adomeit, Licia Florio)
- Task 1: T&I Services (Marina Adomeit, Licia Florio)
 - eduroam
 - eduGAIN
 - eduTEAMS
 - InAcademia
- **Task 2: T&I Incubator (Niels van Dijk)**
- Task 3: T&I Operational Support (Nicole Harris)
- Task 4: T&I Enabling Community (Maarten Kremers)

Task 2: Trust & Identity Incubator (T&II)

The GN4-3 WP5 T2 Trust and Identity Incubator (“T&I Incubator”) aims to **develop, foster and mature new ideas in the Trust and Identity** space in Research and Education.

The incubator will investigate new technologies that currently **have no place yet** in the services ecosystem of the GEANT project. It will test and experiment with potential new features for existing services.

In addition also **business case development** for potential new services and developments that would **improve data protection and privacy aspects** in services or software are in scope.



Methodology

- Agile, using Scrum like approach
- 4-6 **activities** in parallel
- 6 month cycles, 1 month sprints
- Sprint demo for all activities at same time
- For details, see <https://wiki.geant.org/x/XZvZBg>

Activity Team (the A-Team!)

- 1 or 2 'Principle Investigators'(PI) who own the problem
- Scrum master who supports processes (Jule or Michael)
- Support from T&I team as needed, e.g. technical or business development
- Mentor

-> PIs and Scrum master define Backlog and sprint



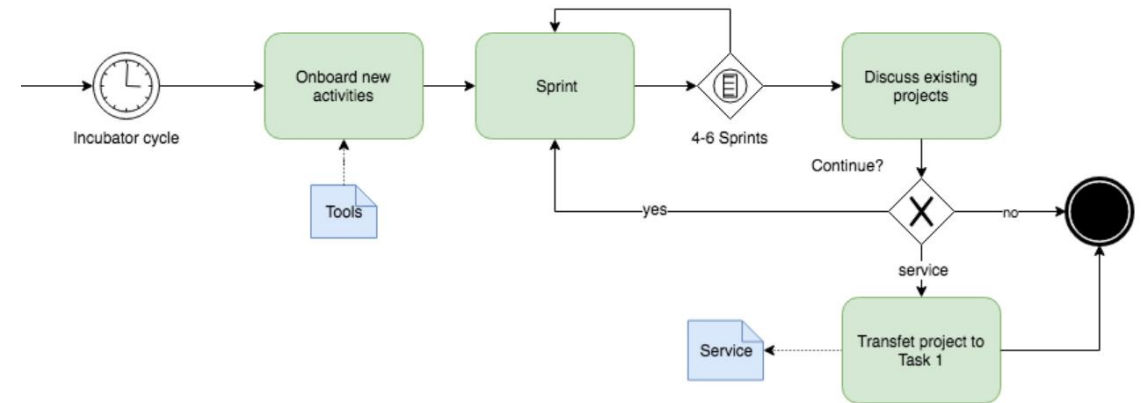
T&I A-Team Responsibilities

- Plan sprints w/ Scrum Master
- Give realistic estimate of availability for next sprint/month
- Take responsibility for your activity cards
- Collaborate with your team!
- Participate in weekly standup
- One team representative to deliver sprint demo
- Participate in reporting as part of sprint review



T&I Activity lifecycle

- Activity selected into Incubator either through MIB or based on proposal from 2 NRENs
- PIs and TL set goals for Activity
- Run Activity
 - Activity kick-off
 - 6x Sprints and Demos
- Activities get reviewed by Advisory Board
- Based on review, an activity may be:
 - Moved to Service Activity;
 - Terminated;
 - Continued with a new focus;
- Team setup may be changed, based on requirements
- PIs will likely change with new activities



T&I Main Incubator Board (MIBs)

- Senior members of our community
- Several also act as mentors in the A-Teams
- Advise TL on current and new activities
- After 6 months, activities get reviewed by MIB, based on final sprint demo and a report
- Board may suggest new topics for the Incubator
- MIB meeting will be set up shortly

Mihály	Héder	KIFŰ (MTA SZTAKI)
Leif	Johansson	SUNET
Uros	Stevanovic	KIT
Brook	Schofield	GEANT
Lukas	Hämmerle	SWITCH
Klaas	Wierenga	GEANT
Nick	Roy	Internet2
Victoriano	Giralt	Universidad de Málaga
David	Groep	NIKHEF



Tools

- Various tools for collaboration and software development available:
-> <https://wiki.geant.org/display/gn43wp5/Tools>
For questions please ping me or ask your friendly scrum master

Meetings

- Weekly A-team Standups (Work done, Next work, Impediments)
- Monthly Sprint Demo (1 team member, video or slideshow)
- 3 monthly All-hands
- 6 monthly activity closure and kickoff

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Video Viral

करने का तरीका

LIVE DEMO • 2018 Trick



KPIs

KPIs for innovation and engagement measured for the whole project duration:
Number of topics that went through the incubator cycle in Task 2 - Target: 8

Deliverables

- D5.3: Incubator Results
“Achievements of the incubator topics for the first 20 months of the project”
M22, deliver by August 2020
- D5.5: Incubator Results
“Achievements of the incubator topics for M21 to M40 of the project”
M42, deliver by April 2022

Milestones

- M5.2:
“Incubator Methodology and Plans (Task 2)”
M5, deliver by May 2019

Current

- Community Tagging (a.k. Pixie Dust) - Uros, Sergio, Andrej, Jule, **Niels**
Also participating: Scott – LIGO, Hannah – CERN
- Cryptech HSM (Preperation phase) - **Brook, Leif**, Michael, Branco, Niels
- Discovery Pilot - **Leif**, Lukas, Jule
- IdP as a Service Business case - **Mario**, Michael, Halil, Sergio, Alan, Niels
- ORCID as IdP of last resort- **Niels**, Michael, Mihaly, Nexhip, Vangjel, Klaas
Also participating: Team from ORCID (US/UK based)
- Second Factor Authentication (Distributed Vetting) - **Niels**, Jule, Tamás, Branco, Mihály
- Shibboleth OIDC Extension – **Janne, Henri**, Niels, Klaas

See: <https://wiki.geant.org/display/gn43wp5/T2+-+Trust+and+Identity+Incubator>



- Brings together ambitious young talents and subject matters experts to pioneer new ideas in the Trust and Identity Incubator
- Collaboration between Future Talent Programme and the T&I Incubator task
- Aims to deliver max 2 incubation projects per year
- Promote collaboration between NRENs and young talents in the community
- Runs two times per year (2 cycles of 6 months) and starts in February and in August

Work in progress, with aim to begin in August



Next Steps

- Make sure you can use the tools
- Jule and Michael will invite you to a kick-off meeting for each activity
- PI
 - Fill in Activity overview (for example: <https://wiki.geant.org/x/HXJwBg>)
 - Start thinking about Backlog items to be put in Trello
 - PI and scrum master will prepare backlog
- Scrum master will set up planning meeting
- First sprint starts **March 6**, First Sprint demo **April 5th**
- **Face to face Kickoff, March (4) 5,6 @SURFnet, Utrecht**
Includes introduction Training Scrum/Agile on March 5



Thank you

Any questions?

