











GN5-1 WP5: Trust & Identity Services Evolution and Delivery *Enabling Communities*

CERN, 14 February 2023

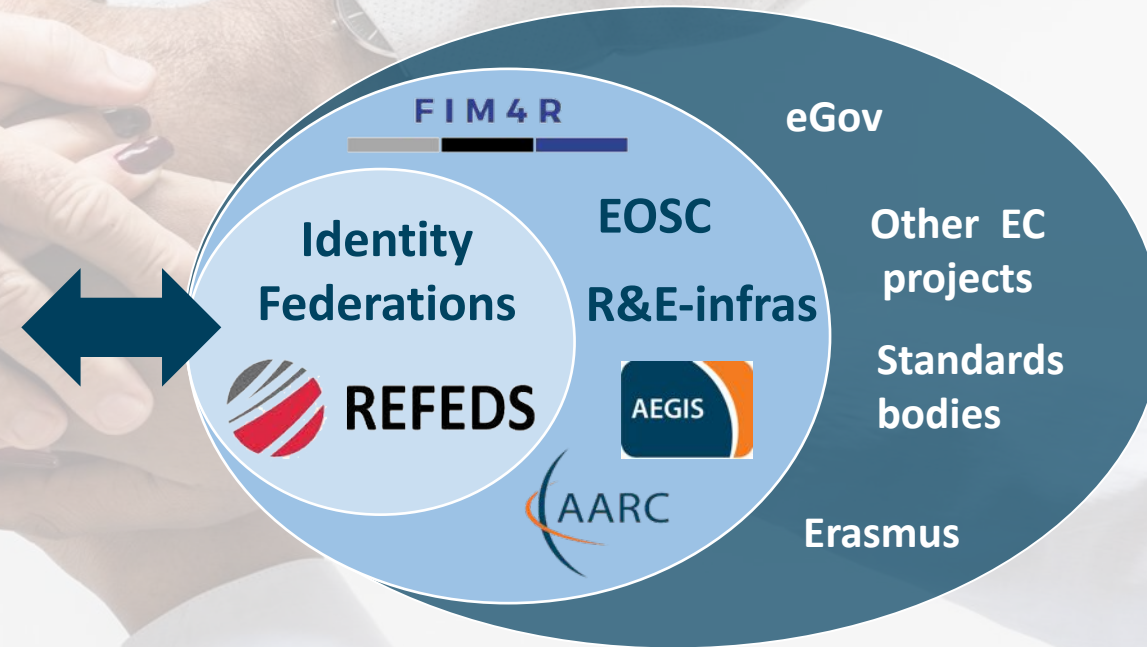
Maarten Kremers (SURF)

T&I Team and Key Collaborations

T1		Paul Dekkers SURF	
T2		Davide Vagheti GARR	
T3	Core AAI Platform	Christos Kanellopoulos GÉANT	
T4	 ONLINE STUDENT VALIDATION	Michelle Williams GÉANT	
T5		Niels van Dijk SURF Michael Schmidt LRZ	 
T6	Enabling Communities	Maarten Kremers SURF	
T7	Distributed Identities	Christoph Graph, SWITCH	

WP 5

Marina Adomeit SUNET
Maarten Kremers SURF



WP5 in GN5-1: Strategic Objectives for T&I

Operate & enhance

to meet changing needs and keep delivering value

Expand the reach

to address the needs of our community

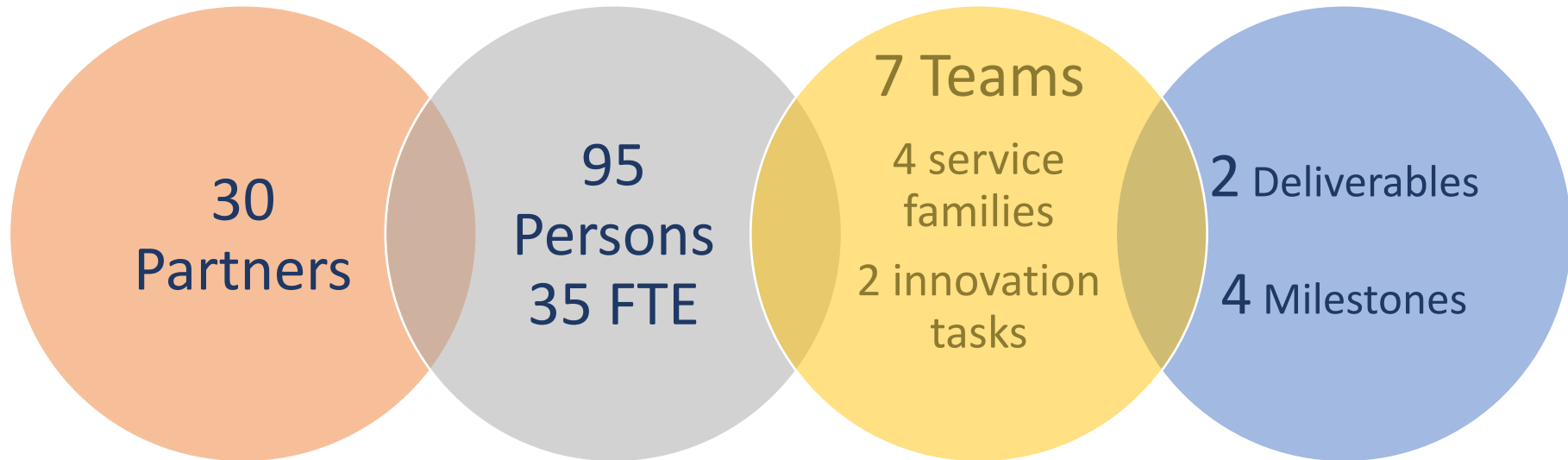
Establish strategic collaborations

with key players in the R&E community and industry

Enable innovation

not only in each service but also by exploring new areas

Work Package 5 in numbers



Partners





Operations & Development

Ongoing operations
Supporting tools redesign
GÉANT AAI service migration
CAT, geteduroam and managed SP
Installer improvements



Support & Outreach

Support, Secretariat, Business development
GeGC and SG liaison
Standardization (IETF, WiFi Alliance, WBA, ...)



Policy

Policy review

106

Countries

9500+

Institutions

36.300+

Service Locations



Implementation of eduGAIN
Future WG recommendations



78

Identity Federations

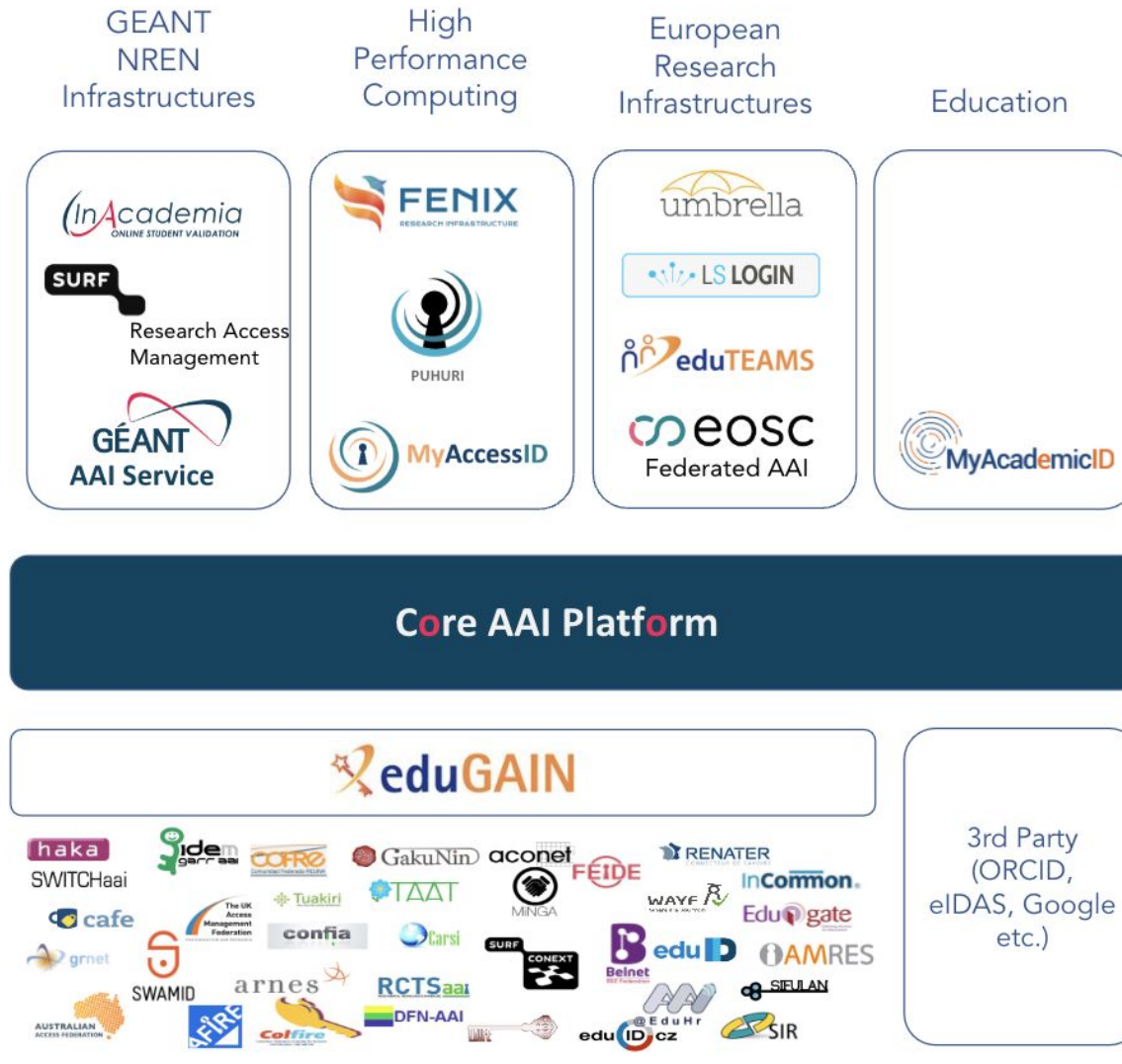
5100+

Identity Providers

3600+

Service Providers

Core AAI Platform



Core AAI Platform - Scaling Up

Development	Value & User Driven
Operations	Effective & Efficient
Delivery	User Centered
Support	Eliminate the need

10

Deployments in
Production (19 total)

17

Research
Communities

4

Strategic Areas

Education - Student Mobility
NREN - National RIs
EOSC - ESFRIs
HPC



InAcademia

9

Federations Available
(nl, dk, de, es, it, fr, se, tr, at)

974

Institutions

2.3M

Validations in 2022

7

Merchants

Operations and support

Supporting Merchants
Providing info re misconfigured IdPs
to Federation Operators
Infrastructure & software
maintenance

Business development and community engagement

New merchants
New federation participants
InAcademia steering committee
Marketing campaigns

Development

Software stack shared
with Core AAI platform
Usability improvements



Develop, foster & mature new ideas in T&I space

- Identity & Access Management
- Standards & Protocols
- Security & Privacy



4 to 6 activities in parallel
Community consultations
7M cycle, 1M sprint
2 public sprint demos per cycle



Landing results is hard

Room in other activities
for uptake

Place to practice and learn
more



Enabling Communities

Marketing and
Communication

Partner
Relations

Services
Owners

International
Relations

Embedded
Business
Developers

Service's
Business
Development

eScience Global
Engagement

Enabling
Communities



FIM4R



WP5 T&I: Summary of activities

Ongoing

New

Wish-list

Operations and Enhancement
of T&I Services
(eduroam, eduGAIN, core AAI
platform and InAcademia)

Deliver the AA core platform
for added value identity
services

Incubator

Distribute identity
Technologies

Enabling Communities

T&I Mentorship Programme

Booster Programme to
improve quality and quantity
of IdPs

GN5-1 EnCo Team

SURF

NIKHEF

STFC

KIT/DFN

LRZ/DFN

And many, many others

**Outreach since last in-person meeting
(Oct 2022 - GN4-3)**

Presentation EnCo at NSF Cybersecurity summit

FIM4R in Denver, CO

Assurance talk at Internet2 Technology
Exchange 2022

Many relevant topics in the ACAMP at I2TX22

Relevant meetings

FIM4R
(Tomorrow and Thursday)

TNC23
6-8 June 2023

REFEDS
9 June 2023 (!)

WISE meeting?

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Proposed new topics

- Policy for token based interoperable trust frameworks
- SNCTFI revisited / How to handle proxies
- Participation in Appint (Marcus, Mischa)

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Proposed continued topics

- PDK / WISE SCI
- Assurance
- AA OPS
- FIM4R

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Complete topics (per GN4-3)

- SIRTFI (policies on securing federated login)
- CoCo

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To discuss

- SCCC JWG
- OIDCfed (possibly within work on tokens)

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EnCo

- Monthly calls (Wed at 14:00 CE(S)T?)
- Notes and Workplan: <https://edu.nl/qd9q9>

Engage!

- <https://fim4r.org>
- <https://refeds.org>
- <https://wise-community.org>
- <https://www.igtfn.net>
- <https://aarc-community.org>
- Contact us: policy@aarc-community.org



FIM 4 R

