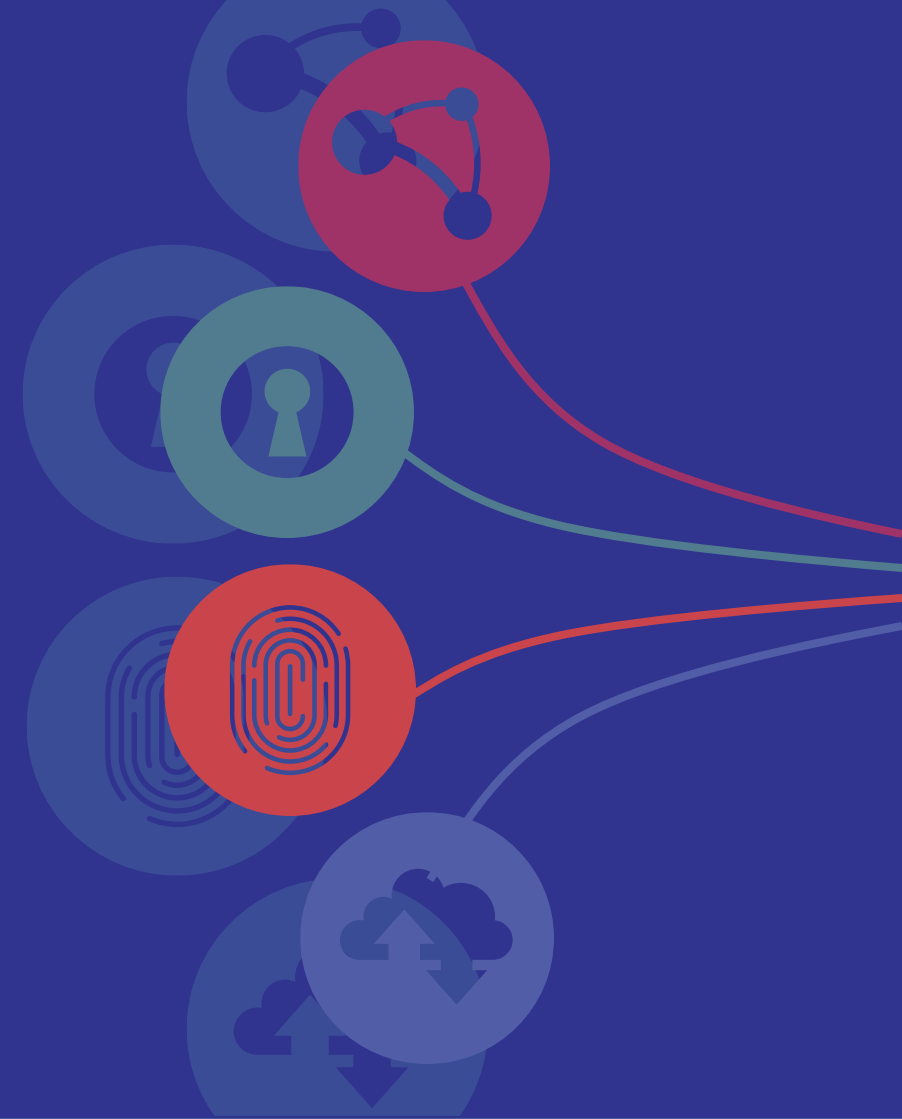


GN5-2 WP5t6 Enabling Communities Wallets subtask



27 November 2025

Public (PU)

Why are “wallets” important?

The European Digital Identity Wallet (EUDIW) is already mandated by law through the eIDAS regulation, which explicitly mentions the use of Educational qualifications. This will inevitably impact the Research & Education sector.

Why should NRENs care about the wallet topic

- The use of wallets presents many new possibilities for cross country and cross sectoral collaboration
- In several countries wallets may provide a first possibility at using govID in various processes
- Possibly solves or improves the three most urgent deficiencies in eduGAIN; reach, quality and trust

Why should this be important for GÉANT

- Synergies with existing T&I infrastructure making sure we keep trust between services and institutions
- Important with governance for the wallet ecosystem components we care about

What's going on in GN5-2 WP5t6 Enabling Communities - Wallets subtask?

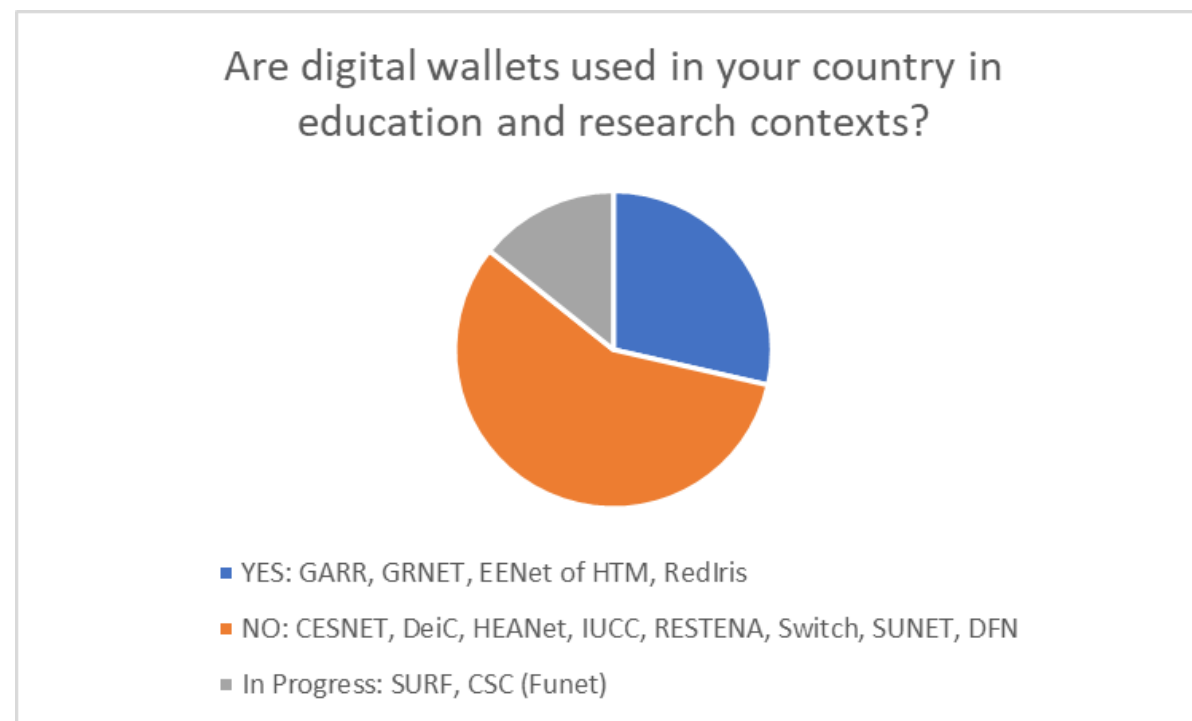
The Wallets subtask [1] is exploring the Digital Identity Wallets in relation to Research & Education through the following topics:

1. Current state of the Digital Identity Wallets
 - Regulations, national adoption & NREN involvement
2. Digital Identity Wallets terminology
 - Use of terms and concepts in different standards and specifications
3. The role of Identity Federations in the Wallets eco-system
 - Possible OpenID Federation use for both eduGAIN and the Wallets ecosystem
4. Interoperability for Identity Wallets and Credentials
 - How can we ensure interoperability within R&E and stakeholders outside our sector

[1] <https://wiki.geant.org/spaces/G52W5/pages/958103668/Subtask+-+Wallets>

Survey Results – Digital Wallets usage in R&E

- Digital Wallets are not (yet) being used in R&E in most of the NREN-countries that have responded to the questionnaire (n = 16)

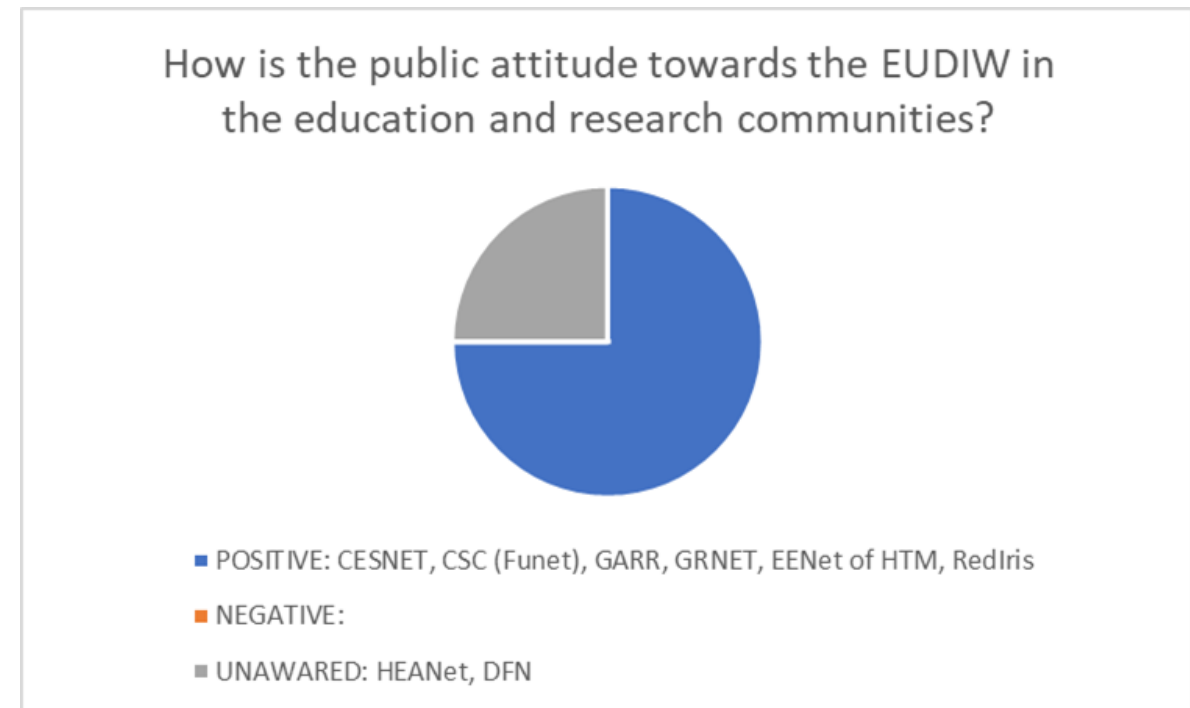


Survey Results – Digital Wallet Usage in R&E

- In the framework of EU-Large Scale Pilots (RedIRIS, GARR).
- Academic Identity (GRNET).
- Secure login to academic systems (university portals and e-learning platforms) using eID solutions;
- Inter-institutional data exchange via X-Road for research data and administrative processes, including applying to University;
- Digital signature of academic documents, such as diplomas or contracts, enabled by eID infrastructure (EENet or HTM).

Survey Results – Attitude towards Digital Wallets

- The public attitude towards using EUDI Wallets in R&E is positive in most of the NREN-countries that have responded to the questionnaire



Survey Results – NREN's Involvement in Digital Wallets Development

- Most of the NRENs are not directly involved in the development of Digital Wallets
- Indirect involvement examples:
 - Prototypes development in the framework of EU-Large Scale Pilots (RedIRIS, GARR, SURF, SUNET)
 - Tasks dealing with interoperability and education use cases. Development of tools trusted by the Finnish R&E community to support the required wallet protocols. Gathering information and forming the big picture for our customers to use to educate our community. Following government and Findynet co-operative's wallet activities (CSC Funet).
 - Investigating use cases involving the Wallet. Development of a demonstrator for school diploma as "entry ticket" to the universities. Securing funding to coordinate efforts around issuance of educational credentials in the tertiary education sector of Switzerland (Switch).

Conclusions

- Even now the usage of Digital Wallets in Research & Education is still limited, public attitudes are positive/forward looking.
- Direct involvement of NRENs in the development of EUDIW is limited (n = 1), whereas indirectly some NRENs (particularly those where public attitudes towards Digital Wallets are positive) maintain relations with official organisations developing EUDIW-prototypes.
- Split between NRENs that are very active (experimenting with Digital Wallets prototypes for specific R&E use cases, disseminating and exchanging experiences in their communities and with official organisations) and those „expectant“ towards digitalisation developments.

Questions to consider

- Do you as NREN CTO plan to act on the Digital Wallets topic?
- Can we as the R&E community come up with enough support to engage in this topic, especially with regards to taking ownership (especially around trust)?
- What is the best vehicle to work on this topic? The GN5-x projects or somewhere else?



Thank You

References:

Wallet subtask wiki

<https://wiki.geant.org/spaces/G52W5/pages/958103668/Subtask+-+Wallets>

Questionnaire results

<https://wiki.geant.org/spaces/G52W5/pages/1008467998/NREN+Questionnaire>

Please feel free to subscribe to our Wallet community e-mail list if you like to discuss or stay updated on the Digital Identity Wallets topics going on in this space:

https://lists.geant.org/sympa/subscribe/wallet-community?previous_action=info

www.geant.org



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