
 06.06.23

 Digital Identity Observatory



The digital identity scenario in Italy: towards the EUDI wallet

TDI 2023



Giorgia Dragoni

👤 Head

📍 Digital Identity Observatory

MISSION

Developing and sharing **knowledge** on the potential offered by digital identity and authentication systems and contributing to the development of the Italian **market**, by generating opportunities for **discussion** between the main players active on the subject



Develop **research results** that could help market players to understand the characteristics and opportunities offered by digital identity systems



Create a qualified and independent table to encourage **cross-industry discussion** between supply and demand companies, both Italian and international



Promote **culture**, communicate and spread **knowledge** on the topic of digital identity



Become a point of reference for all players who want to stay **constantly updated** on digital identity topic

INTERNATIONAL AND ITALIAN CONTEXT



International context



«Big Tech» strategies



Innovative trends



Regulatory landscape



National digital identity systems



PNRR* opportunities

TECHNOLOGICAL PARADIGMS AND DIRECTIONS FOR INNOVATION



Biometrics & security



Digital wallet



APIs and technical integration



Decentralized identity and SSI

ADOPTION AND USE



End-users



Legal entities



Service providers (business players e PAs)

ENHANCEMENT



Attributes and data



Enabled services



The need to adopt digital identity systems is well established for PAs, private companies and users

IDENTITY IN THE PUBLIC WORLD

spid 35,2 mln **+13%**
 SPID issued compared to June 2022

Cie ID 36,2 mln **+26%**
 CIE issued compared to June 2022

Data updated as of JUNE 2023

IDENTITY IN THE PRIVATE WORLD

IMPACTED PROCESSES

- Onboarding and first identification
- Authentication for following accesses
- Authorization for operations and transactions
- Password recovery



Healthcare and welfare



Banks



Certification Authorities



Utilities



Gambling



Insurance

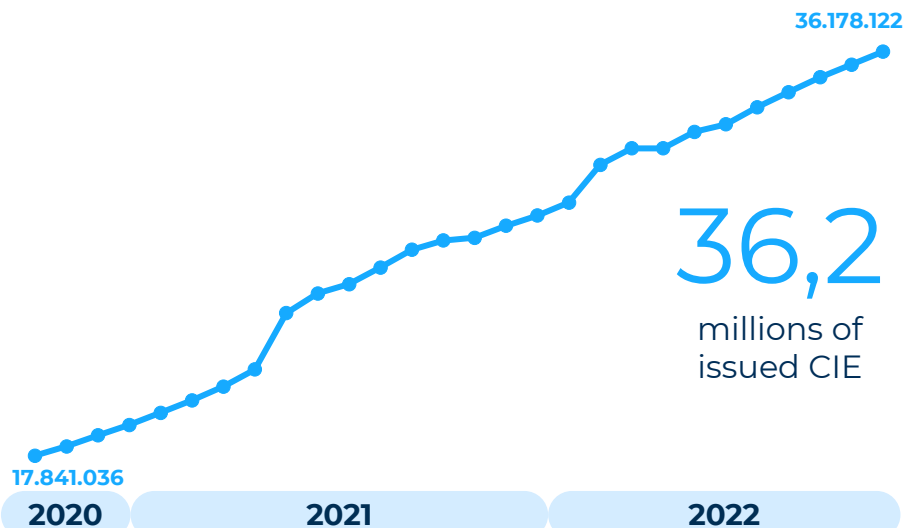


Telco

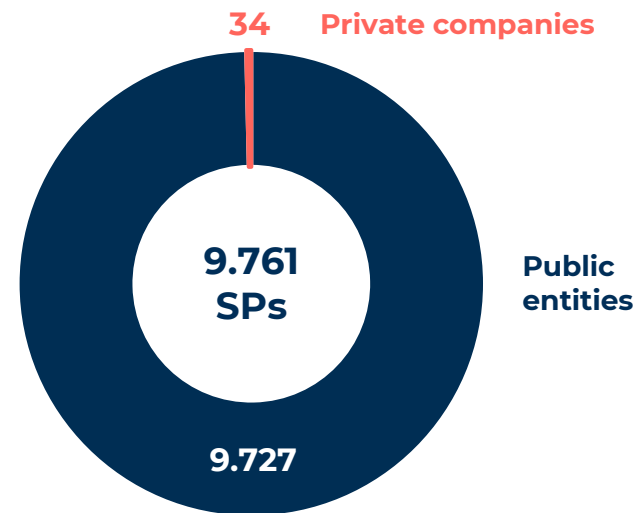


While the diffusion of CIE is progressing among users, SPs are less inclined to adopt this system

DIFFUSION AMONG USERS



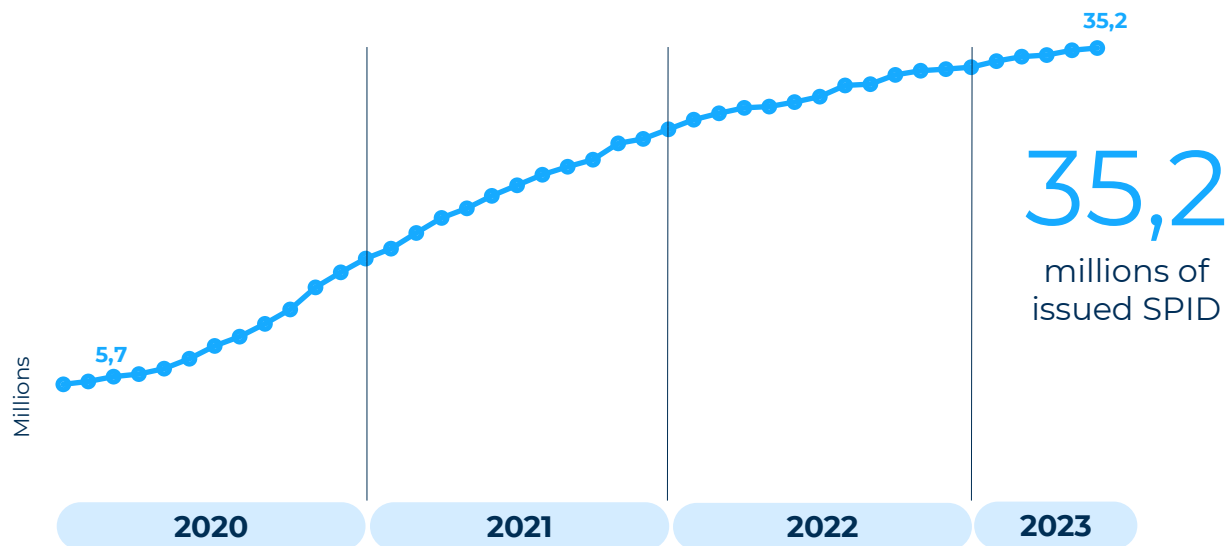
DIFFUSION AMONG SERVICE PROVIDERS



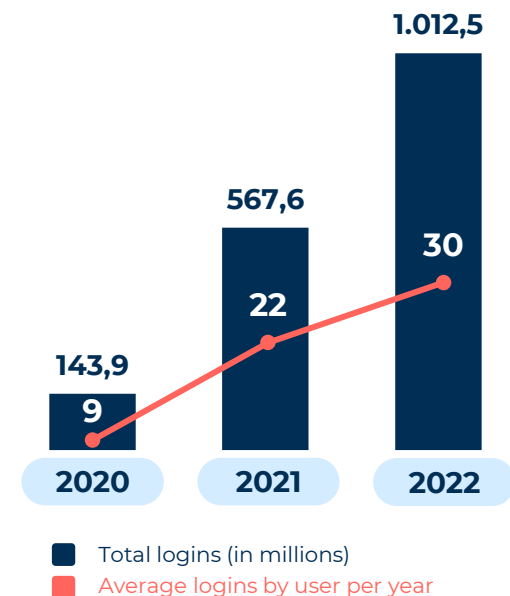
It's important to notice that the number of issued CIE does not correspond to the number of people who have **activated the card to access online services**, which was estimated to be **10 million people** as of December 2022.

64% of Italians have a SPID identity, which today is used in a more «structured» way

NUMBER OF ISSUED SPID



AGGREGATED LOGINS WITH SPID

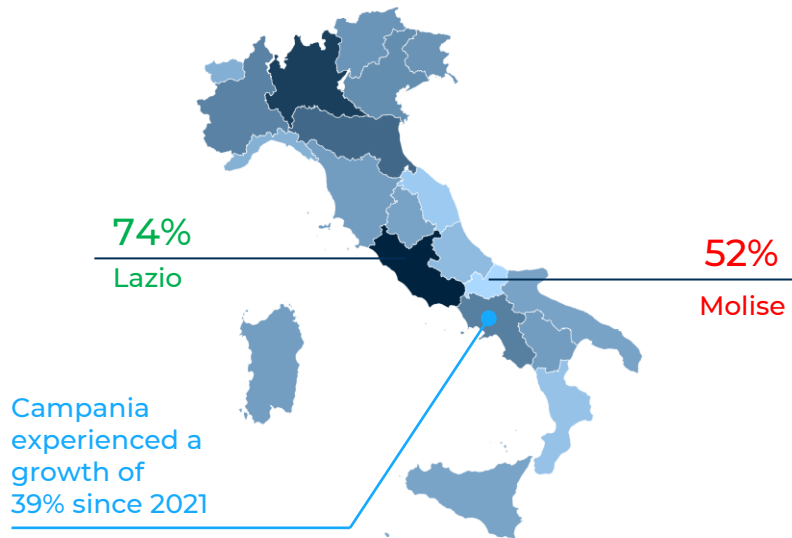


Data updated as of june 2023

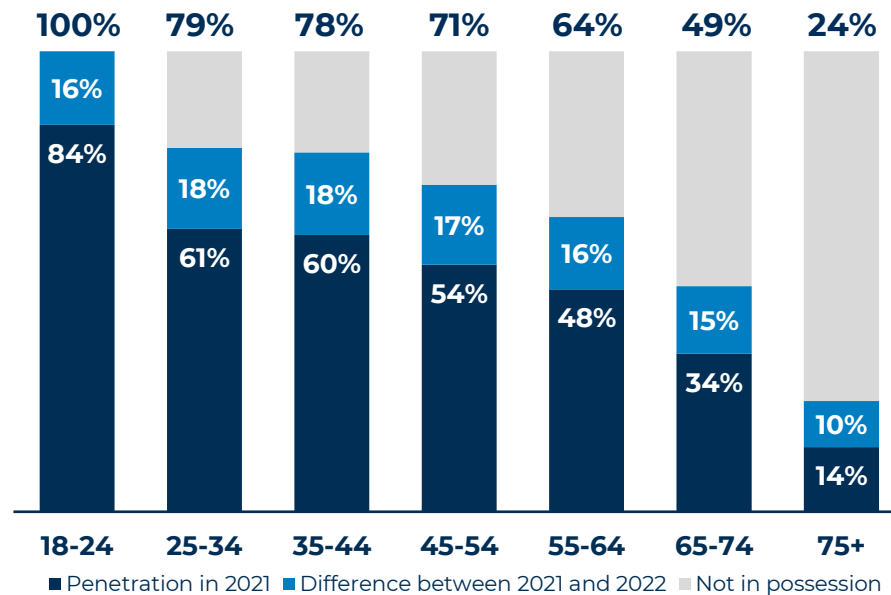


The adoption of SPID is not homogeneous and could exacerbate the existing divide in the Italian population

PENETRATION BY GEOGRAPHICAL AREA



PENETRATION BY AGE



Base: 32,2 mln of issued SPID
 Data updated as of SEPTEMBER 2022
 Aggregation of data directly collected from SPID IdPs



While the plethora of available services is increasing and diversifying, the adoption of SPID by private companies is still at the beginning



Healthcare and welfare



Banks



Certification Authorities

201

private companies



Gambling



Utilities

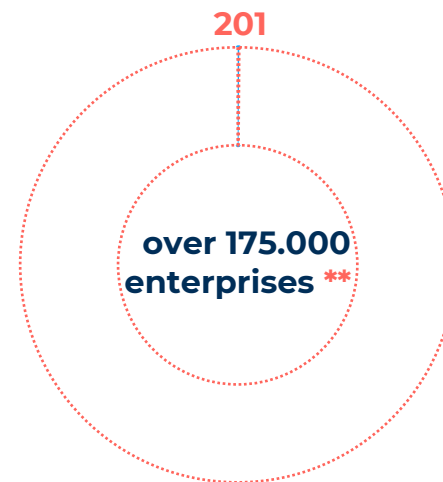


Insurance



Telco

PRIVATE COMPANIES THAT HAVE ALREADY ADOPTED SPID



Companies that potentially need certified digital identity systems

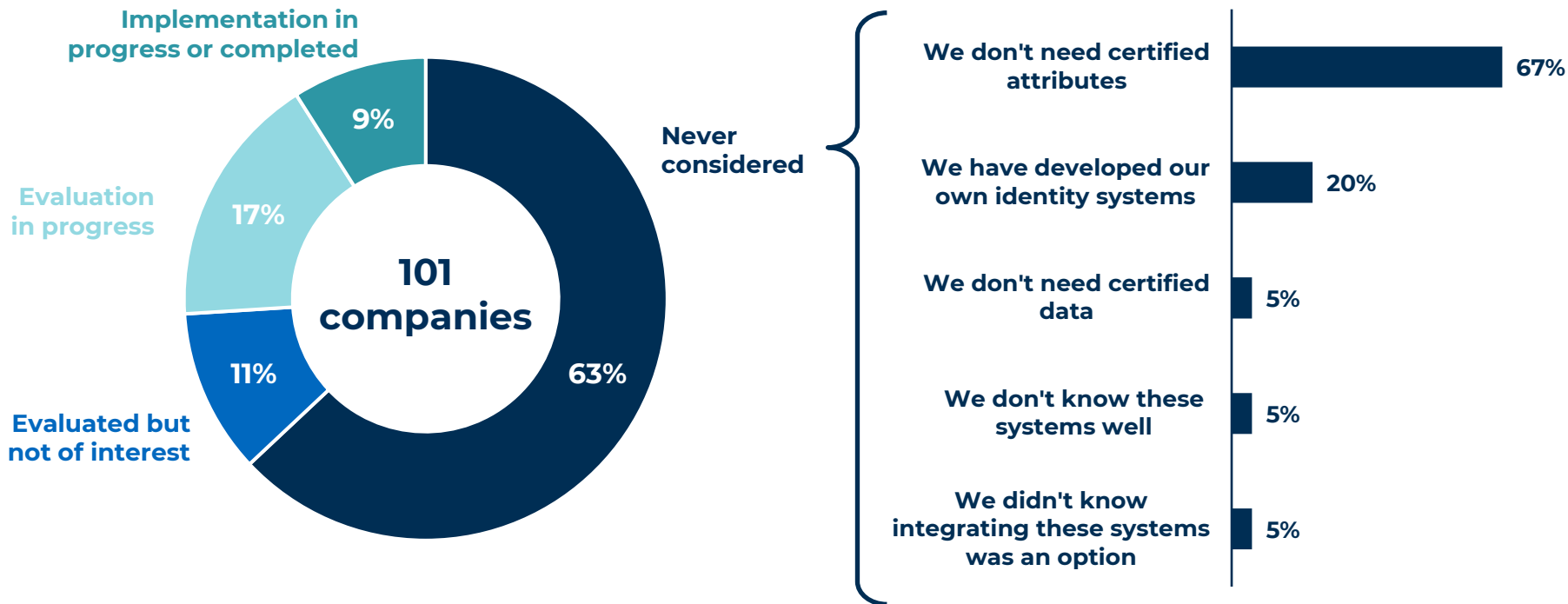


Recently, the role of Aggregators was introduced to facilitate the adoption of SPID, however its effects are difficult to monitor

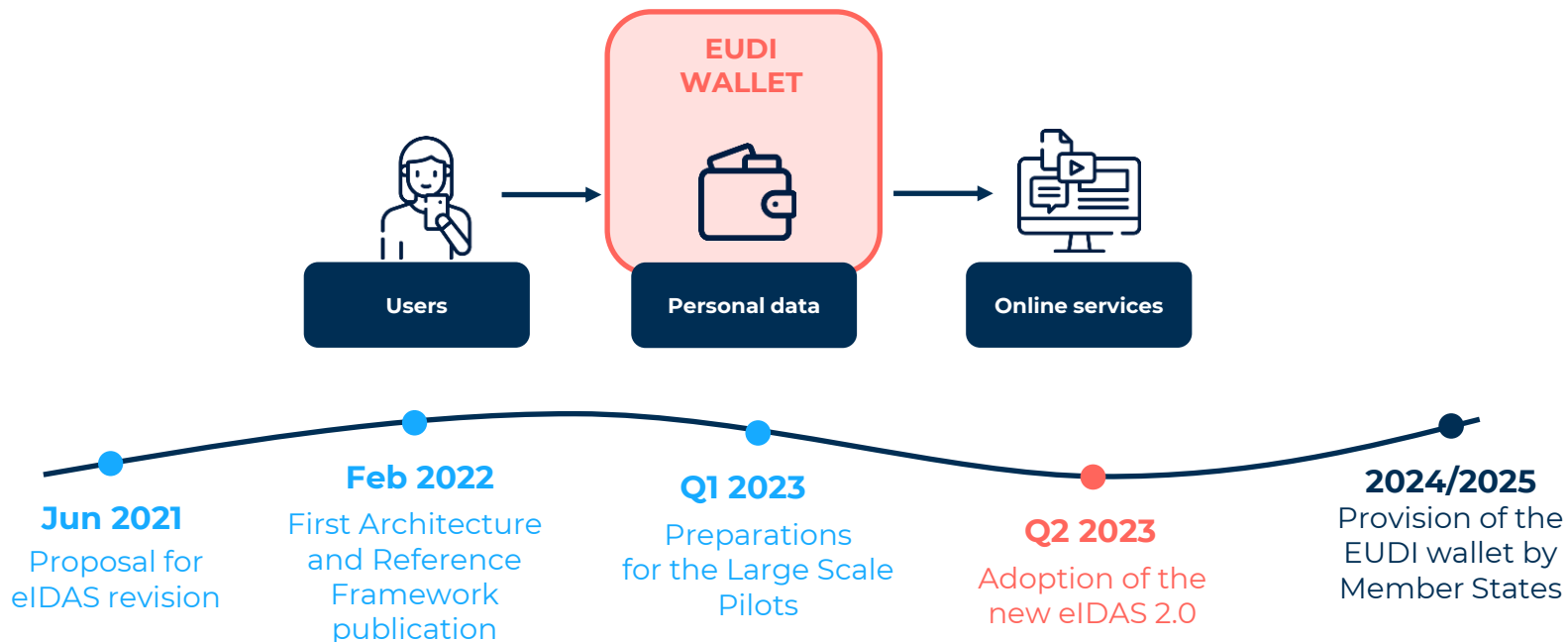
**Number of companies estimated according to the sector in which they operate, based on ATECO codes

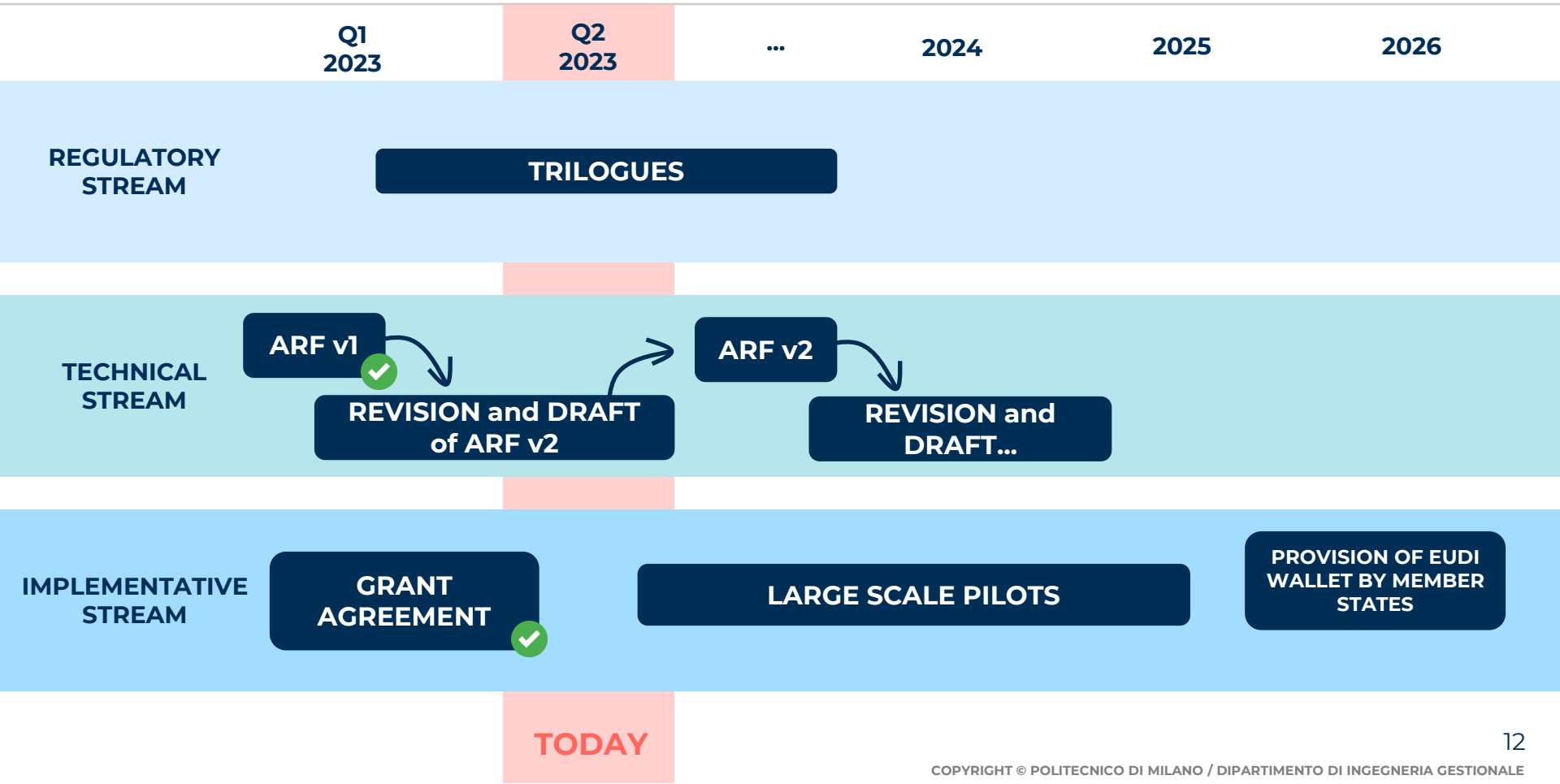


Italian companies still don't appreciate the strategic value of digital identity systems and the potential held in their users' data



The **European Digital Identity (EUDI) Wallet** will allow European citizens to manage their digital identities autonomously and will provide an integrated signature certificate





TODAY

Italy is playing an active role within the consortia on the European scene, with the presence of governmental or private actors in all 4 large-scale pilots

PARTICIPANTS



148 organisations involved from 20 countries including ITALY as a member state

NOBID Consortium

6 countries and 21 partners involved including ITALY as a member state

EU Digital Identity Wallet Consortium.

65 organisations involved from 19 countries including ITALY with private organisations



23 countries involved including ITALY with private organisations

USE CASES

- SIM digitization
- Bank account opening
- Digital driving licence
- Access to public services
- Signature certificates
- Digital medical prescriptions

- Digital payments
- Signature certificates

- Travel documents
- Working identities
- National identity documents
- Digital payments
- Signature certificates

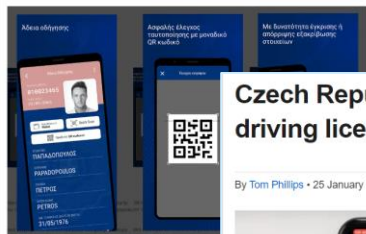
- Work identities
- Professional qualifications and educational certificates
- PA services and social security



Several national systems are already evolving toward the wallet paradigm

Greece rolls out digital ID cards and driving licences

By Tom Phillips • 29 July 2022



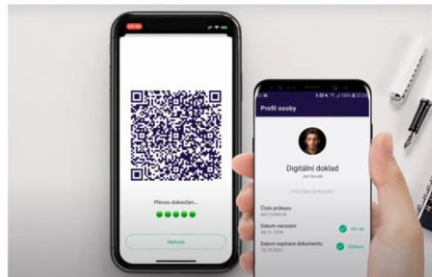
DIGITAL ID: A QR code and a unique document code allow a doc

Greek citizens can now create, store and present their national identity card and driving licence using their smartphone.

The Greek government has begun rolling out the

Czech Republic to roll out mobile driving licences and digital IDs

By Tom Phillips • 25 January 2022



MOBILE ID: Users will be able to upload and store 'digital twins' of their physical documents on their device

Residents of the Czech Republic will soon be able to store, display and verify digital versions of their identity card and driving licence on their mobile device and will no longer be required to carry physical ID documents if they do so, the Czech government has confirmed in a [policy statement](#).

Belgium to roll out national digital identity app

By Tom Phillips • 6 July 2022

The Federal Government of Belgium is to enable residents to store their national identity card along with other documents in a digital ID wallet on their smartphone.

It will complement the existing digital ID system that can already be used for contactless identity checking and will be developed by the Ministry of State for Digitalisation.

The government has also announced this will be the first step towards a digital ID card and identity wallet.

Austria begins rollout of digital IDs for contactless identity checking

By Tom Phillips • 27 October 2022



DIGITAL DRIVING LICENCE: Officials scan the QR code on the driver's phone to access information

The Austrian government is enabling residents to create and store a digital version of their driving licence on their Apple or Android smartphone as a first step towards rolling out "as many digital ID cards and documents on mobile phones as possible".

France to let citizens generate digital ID by scanning physical eID card with NFC smartphone

By Tom Phillips • 4 May 2022



DIGITAL ID: French citizens will be able to store a digital version of their national identity card on their smartphone

French citizens will soon be able to generate a digital version of their national identity documents in a mobile app called 'Identité Electronique'.

The app will allow citizens to access the digital Identify Guarantee Service and will status data of the card digitally. It will also allow citizens to have access to dedicated services from the government's interdepartmental system.

TECNOLOGIA

¿Cómo llevar el DNI en el móvil?

De momento, se está a la espera de que la App llegue a los dispositivos



SAMA

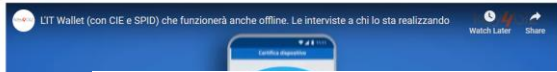
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Italy is working to provide its citizens with a wallet based on the IO app that will precede the EUDI wallet

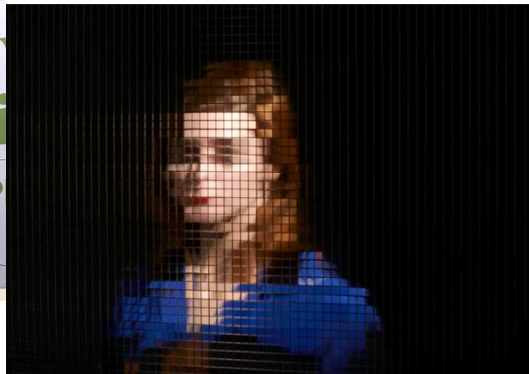
23 MAG 2023
Verso l'identità digitale europea
CONVEGNO | - Roma - 15:00 Durata: 2 ore 24 min
Organizzatori: Associazione Cittadinanza Digitale, Camera dei Deputati



L'IT Wallet (con CIE e SPID) che funzionerà anche offline. Le interviste a chi lo sta realizzando
di Luigi Garofalo | 25 Maggio 2023, ore 16:35




AL VIA IL PRIMO TEST SULL'IDENTITÀ DIGITALE EUROPEA IN ITALIA
Si parte a giugno con sperimentazioni su patente, ricetta medica e autenticazione online attraverso la app Io nella provincia autonoma di Trento. Su Github il cantiere del progetto




The Italian government is planning to provide its citizens with an **IT wallet using the IO app starting from 2024**

According to Under-Secretary Butti, the app will contain the digitalized **driving licence, health card and voter cards**

The IO app will also be used as the platform for a **LSP trial of the Potential consortium** that will take place in the province of Trento in 2024

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