Webinar Worldbank

September the 22th 2021

1- DIGITAL IDENTITY: IN FRANCE, WHERE ARE WE?

Positioning of the State

A **public and private** digital identities **federator** carried by the State and a **public digital identity** under construction

For users

A **free**model
A choice among several digital identities

For online services

A general openness to public approaches
Progressive opening to the private sector

In accordance with GDPR, CNIL and eIDAS Regulation

1 – THE FRENCH EID ECOSYSTEM

France Connect

eID federation for the 3 eIDAS assurance level

French eIDAS node both operated by DINUM (Digital Interministerial Direction)

eID providers

Low assurance level
- Social security number
- Taxes
- MobileConnect et Moi
- Health insurance

Substantial level
- La Poste from Feb 2020

- *eID from passport, French eID card, residence permit by mid-2022*
- *eID from healthcard end of 2022*

High level

eID from passport, French eID card, residence permit by 2022

Supervisory and control authorities

ANSSI French National Cybersecurity Agency
- Gives agreement for assurance substantial and high levels to French eID and FranceConnect

CNIL
National Supervisory Data protection authority

1-DESCRIPTION OF SUPERVISORY REGIME

> **Supervisory body:** **ANSSI** (French national authority in the area of cyber defence and network and information security)

> **Key points of the supervisory regime**
>   - **Full range of audits by a cybersecurity audit service provider** : architecture audit, configuration audit, code audit, penetration tests and organizational and physical audit
>   - **Security assessment of remote video identification** based on a **specific ANSSI's requirements** ruleset building upon Implementing Regulation 2015/1502, and **additional testing by the Ministry of Interior**
>   - **Security assessment of mobile applications** (ANSSI grants the **CSPN certification / "RGS elementary"** qualified status).
>   - **Security assessment of cryptographic modules** approved by ANSSI, based on international and national processes and requirements

1-DESCRIPTION OF CNIL (Commission on Information Technology and Liberties

Protecting personal data, supporting innovation, preserving individual freedoms

- responds to requests from individuals and professionals. It carries out actions of communication with the general public and professionals

- In order to help private and public organizations to comply with the RGPD, the CNIL offers a complete toolbox adapted to their size and needs.

- In order to detect and analyze technologies or new uses that could have a significant on impact on privacy, the CNIL maintains a dedicated watch. The control allows the CNIL to verify the compliance to the law.

- It can impose on a data controller to regularize its processing (formal notice) or impose sanctions (fine, etc.).

2 – WHAT ARE FRANCECONNECT AND FRANCECONNECT + ?

FranceConnect is the entry point of the digital identity proposed by the state. It allows citizens to identify **and authenticate themselves simply**. It facilitates access to public and private online approaches

No need to constantly create new accounts

2 platforms, 2 buttons for security reasons

with a low assurance level

5 ID providers

impots.gouv.fr

l'Assurance Maladie

L'Identité Numérique

mobile connect et moi

msa santé famille retraite services

30 M users, **1030** service providers

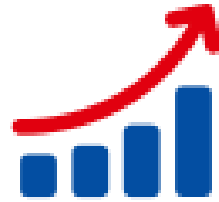**with a substantial – high assurance level**

1 ID provider

L'Identité Numérique

10 targeted services providers (banks, gaming, ParisHospitals, digital registered letter)

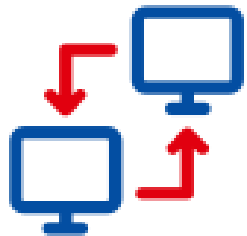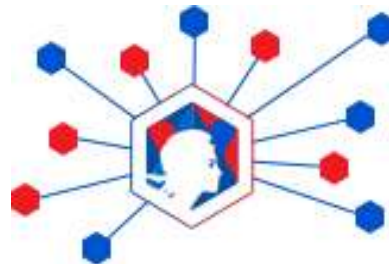# 2- MORE AND MORE USERS, TRUST AND VISIBILITY FOR FRANCECONNECT

30 M USERS

2,5 M NEW USERS (July)

138 M CONNEXIONS IN 2020 100 M mid- 2021

1030 ONLINE SERVICES CONNECTED

65% of French citizens trust FranceConnect (survey : Acsel)

57% of French citizens have heard about FranceConnect (survey : Ifop)

75% of FranceConnect' users connect more than once a year

20 %
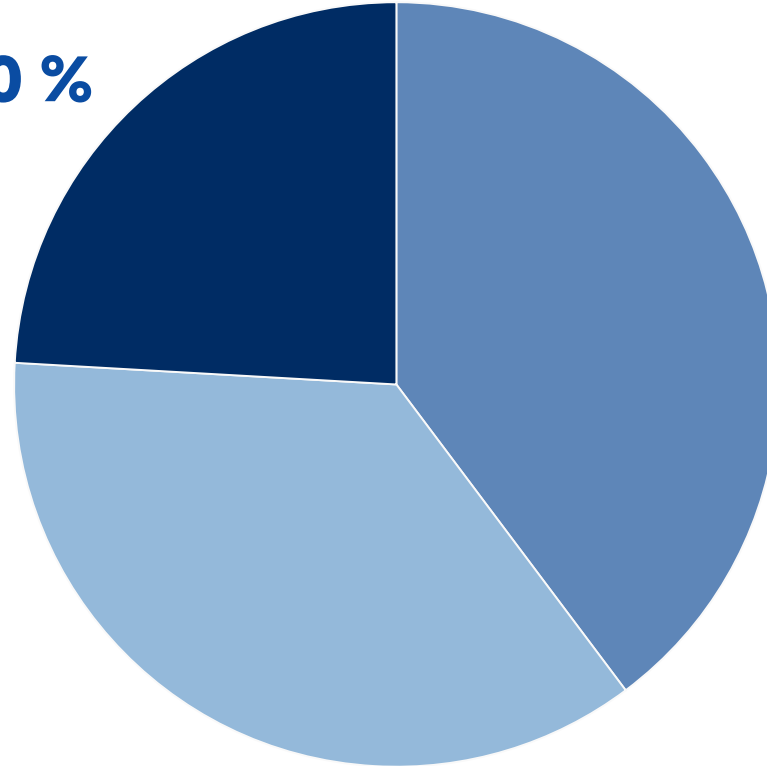
33 %
ID online services

ID, passport
Car ID
Driving license

Pic this summer with
the COVID vaccin
online

30 %
Pension online services

Je me connecte avec mon compte ameli

1 64 29 23 208 066

Où trouver mon numéro de sécurité sociale ?

••••••••

ME CONNECTER

Bienvenue
Stéphane Renée MAVEL

Ce n'est pas vous ?

Continuer sur Votre espace personnel AGIRC-ARRCO

À la demande du service, certaines données vont être transmises.

Voir le détail ⌄

① The user clicks on FranceConnect

SERVICE
PROVIDER

①

2- FRANCECONNECT : HOW DOES IT WORK

① The user clicks on FranceConnect

② He chooses the identity provider

SERVICE PROVIDER

①

②

IDENTITY PROVIDER

Main attributes (family name, birth name, first name, date and city of birth,

2- FRANCECONNECT : HOW DOES IT WORK

① The user clicks on FranceConnect

② He chooses the identiity provider

③ Main attributes provided by the Identity Provider

SERVICE PROVIDER → ① → **France Connect** ← ③ → **IDENTITY PROVIDER**

②

Main attributes (family name, birth name, first name, date and city of birth,

2- FRANCECONNECT : HOW DOES IT WORK

RNIPP (Register for national persons)

SERVICE PROVIDER

IDENTITY PROVIDER

① The user clicks on FranceConnect

② He chooses the identiity provider

③ Main attributes provided by the Identity Provider

④ FranceConnect checks the identity in the RNIPP. OK or KO for every transaction

Identity from the RNIPP completed

Main attributes (family name, birth name, first name, date and city of birth,

2- FRANCECONNECT : HOW DOES IT WORK

RNIPP (Register for national persons)

INSEE

SERVICE PROVIDER
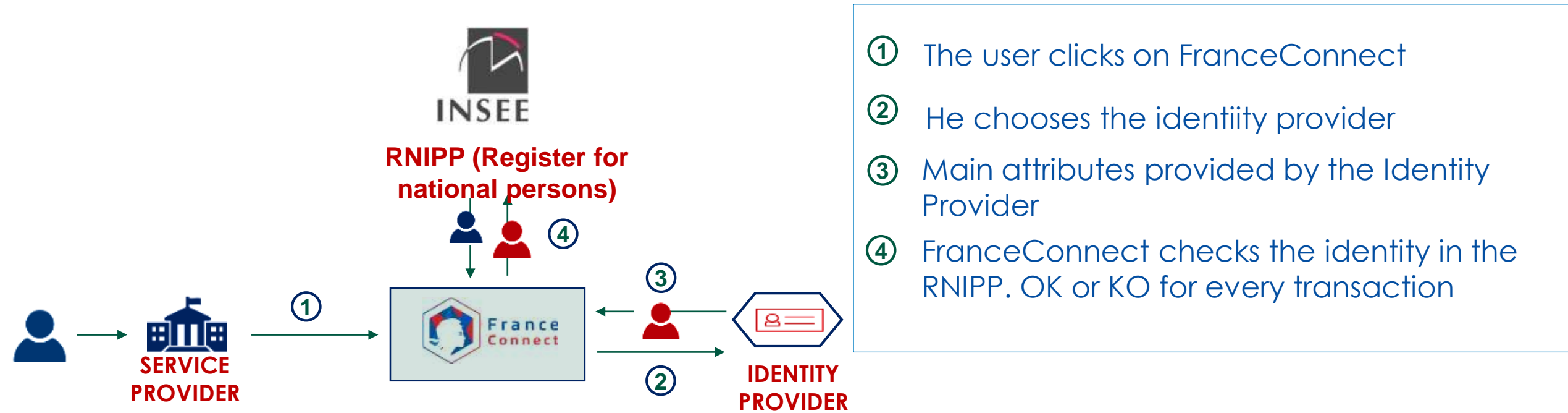
France Connect

IDENTITY PROVIDER

① The user clicks on FranceConnect
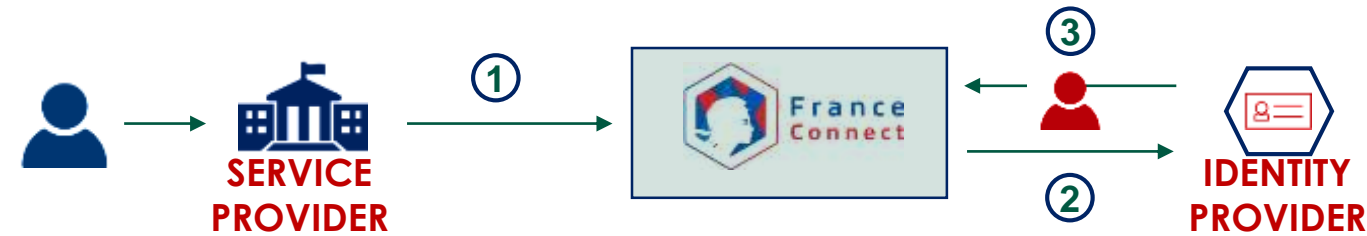
② He chooses the identity provider

③ Main attributes provided by the Identity Provider

④ FranceConnect checks the identity in the RNIPP. OK or KO for every transaction

⑤ Single credential created. OK for the user, he can go on using the online service. E-mail of notification
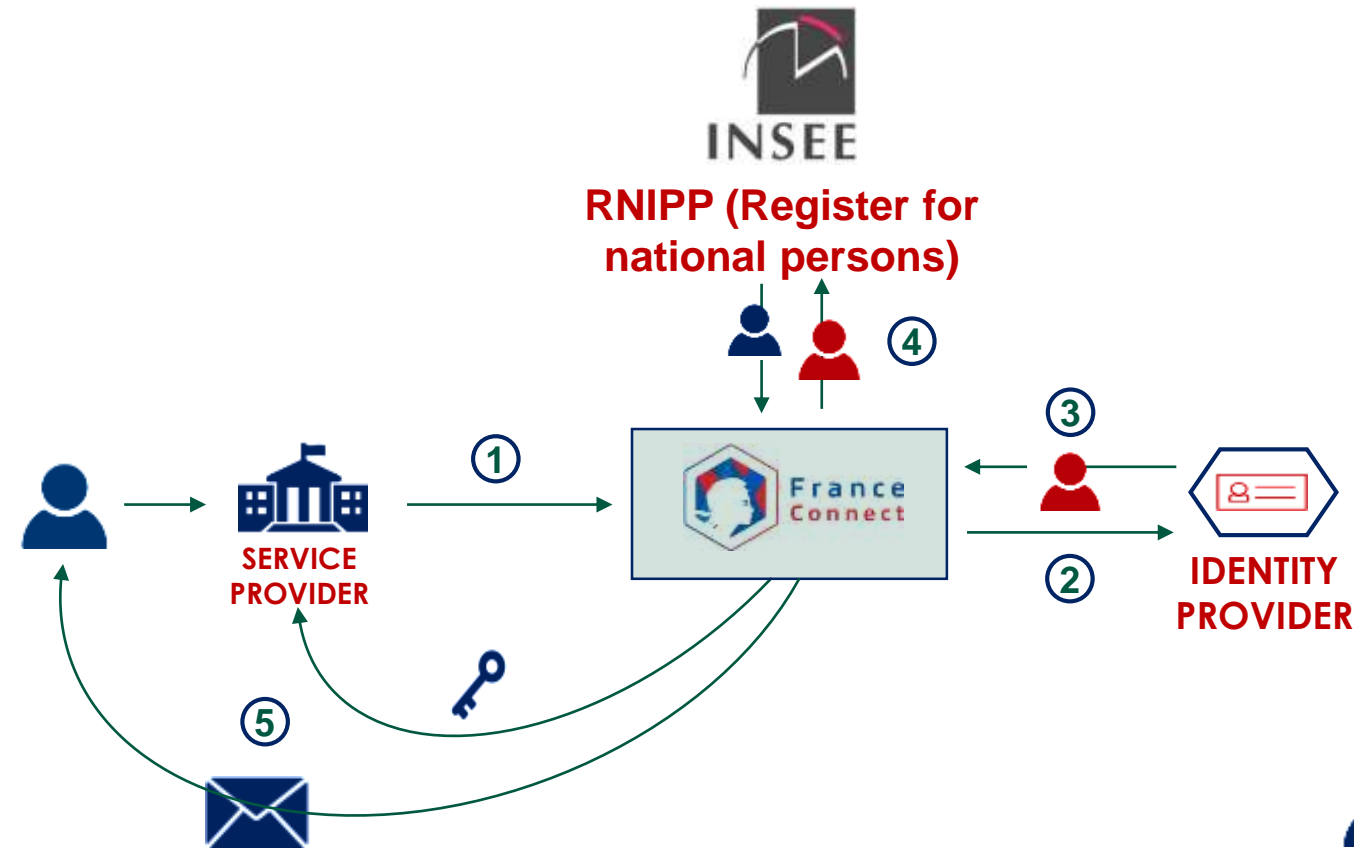
Identity from the RNIPP completed

Main attributes (family name, birth name, first name, date and city of birth,

Single credential

E-mail to notify connection to FranceConnect

Pivot identity **Mandatory information, verified by the Identity Provider**	**Given names**
	Name of birth
	Date of birth
	Country of birth
	City of birth (INSEE code)
Other data provided if held by the IF	**Name of use**
Contact data - verified - mandatory	**Email**
Persistant technical identifier - generated by FranceConnect - systematically transmitted to the service provider	**Technical identifier (sub) of the user in OpenIDConnect format, unique to the person and service provider whatever the eID provider is**

3 - MAIN STEPS TO OPEN FRANCECONNECT TO PRIVATE SECTOR

1,4 M   **3 M**   **9 M**   **20 M**   **30 M**

2015   2016   2017   2018   2019   2020   2021   2022

Pilot

Official start

l'Assurance Maladie

impots.gouv.fr

L'Identité Numérique

MSA santé famille retraite services

mobile connect et moi

Open to private sector with legal obligation to check identity

Tests with more private sectors

education, health, transport, car rental

Level of assurance eIDAS substantial and high

French eIDAS node for mutual recognition open

50 private services banks, insurance, health insurance, utilities)

3 – FRANCECONNECT MAIN STEPS TO OPEN TO PRIVATE SECTOR

Legal aspects

- Discussions with legal authorities and modifications of FranceConnect decree for service providers
- Definition of the scope of authorised private sectors (complex online services and links with public services)

Business model

- On low level, use of eIDs inside FranceConnect for free for citizens, service providers and eID providers
- On substantial level, use of private eID charged to private service providers but free for public service providers
- FranceConnect provides statistics, billing done directly between private eID and private service providers

Interoperable

- OpenID Connect
- Verification with the RNIPP (national directory for natural persons)

3- GOOD PRACTICES TO SHARE

- **Choose big ID providers** : social security eID and taxes eID existed before FranceConnect and had millions of accounts (dozens of millions)

  - Half of the connections are from these providers

  - 80% of users chooses the same password for their connections

- **MVP before law** : project run with agile methods to prove that it was running, then the decrees were launched

- **Interministerial approach** : easier to launch an eID when you are not a ministry and that you are interministerial

- **Openlabs** and regular meetings with the ecosystem

- Open to the **private sector** to increase the use of FranceConnect

- Importance of **communication** to develop the brand