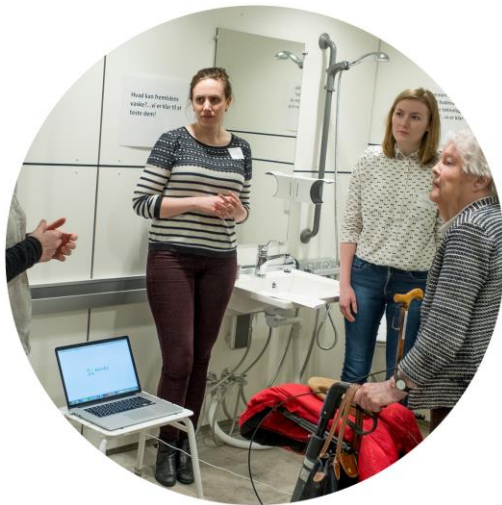Nordic Innovation

Nordic Innovation shall contribute to creating the Nordic Region into a leading region for sustainable growth, and shall work for increasing entrepreneurship, innovation and competitiveness in the Nordic region.

Nordic Lighthouse Projects 2014-2017

- ## Nordic Built Cities
  - Challenge prize competition – developing six urban areas in the Nordics
  - Creating Nordic solutions for urban spaces ready for export

- ## Innovative Nordic Welfare Solutions
  - 7 joint Nordic welfare projects running
  - Challenge prize competition *Independent Living* – together with the five capital cities
  - Export of Nordic Welfare Solutions

- ## Innovative Nordic Digital Solutions
  - Nordic Smart Government 1.0/2.0
  - Shared Nordic Vision on Digital eGovernment in 2025
  - Cooperation on e-ID and e-authorization
  - Open data challenges/hackathons

- ## Partnership for Entrepreneurship and Financing
  - Helping to shape Nordic policies
  - Telling the Nordic Story - attracting capital and talent
  - 10 adjoined projects running from 2014 – e.g. *Nordic Innovation House in Silicon Valley*,
  - Nordic Business Angel Network and Nordic Crowdfunding Alliance

Innovative Nordic Digital Solutions

To meet some of tomorrow's challenges, the Nordic Ministers of Business and Innovation have set the ambitious goal of developing the Nordics into a pioneering region for new and innovative digital solutions.

- The project aims to remove barriers to a common Nordic digital market and support development of new and innovative digital solutions that can be applied in all the Nordic countries.
- Help to strengthen the Nordic region as a digital forerunner and prepare for the digital inner market in Europe.

Innovative Nordic Digital Solutions

Completed projects:

- Mapping of the Nordic Digital Landscape (2014-2015)
- Vision for the Nordic digital society in 2025 (2016)
- Continuous building up a Nordic network within digitization (2014 -)
- eID 1.0 & 2.0 *(2015)*
- Smart Government 1.0 *(2016)*
- Hack4Norden - Finale at SLUSH *(2015 and 2016)*

Ongoing projects:

- Smart Government 2.0 approved – kick-off March 2017
- Nordic-Baltic Minister Conference on Digitization 25 April 2017 in Oslo
- Major Technological Changes (initiatives starting 2017 which will set the foundation for the new Co-operation Program 2018-2021)
  - Focus on Artificial Intelligence (AI), Internet of Things (IoT), Blockchain (BC)
  - Focus on Sharing Economy

eID 1.0

Lessons from the Nordic eID project:

1. National eID infrastructures are well organized. But there is a lack of Nordic interconnection.

2. National eID assurance policies differs much. eIDAS will not (in itself) lead to Nordic harmonization. Nordic cooperation on eIDAS implementation could facilitate provision of cross-border digital services
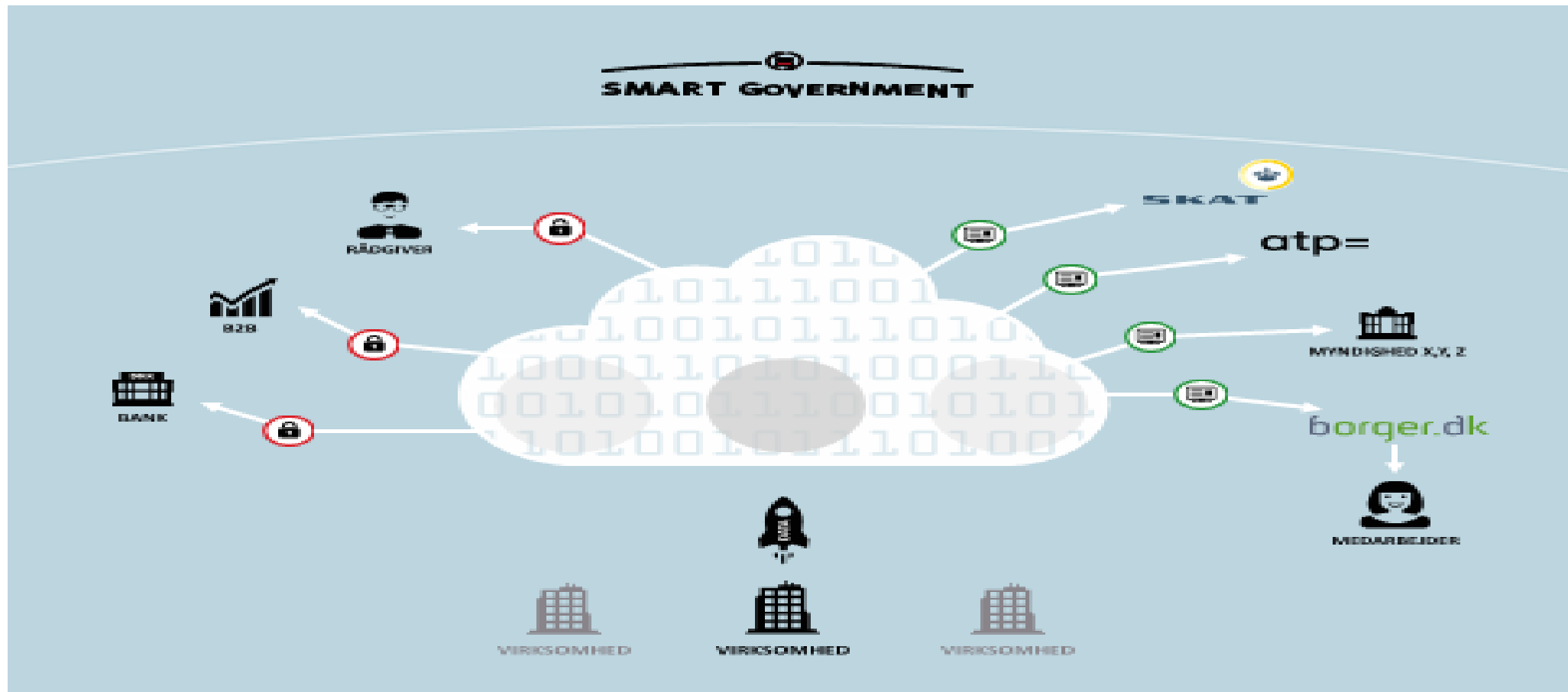
Nordic
Innovation

eID 1.0

Lessons from the Nordic eID project:

3. All Nordic countries have a waiting room issue. The current procedures to provide a PID to a foreigner is often both lengthy and paper based. This call for sharing of PID information across Nordic borders. But national differences in information policies makes it difficult to retrieve information from other countries. Access to additional information for different services is complicated.

4. Nordic eID interoperability is made difficult by a lack of standards. The personal information varies from country to country.

Smart Government - Vision

Smart Government 2.0

- Adapt the concept to the different individual national needs within eGovernment and regulations.
- Deliver a basis for decision that can map out how an implementation of SmartGovernment could be realized
- The basis of the decision includes an overview of benefits to both businesses and governments, stakeholders' positions and needs, technical requirements and possibilities, as well as test of how data may be stored and processed.

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Innovation

Work Packages - Smart Government 2.0

The participants in the project has different responsibilities and work packages:

- **WP 1** – Businesse case that will estimate costs and benefits on a SmartGovernment for financial data in each Nordic country. (The Danish Business Authority)

- **WP 2** – Test of a Data Warehouse solution done as a proof-of-concept to demonstrate different possibilities to use standard accounting database by dedicated applications. The aim is to test how structured eInvoices, eReceipts and bank account statements may be handled in the database. (The Finnish Association of Accounting Firms (FAAF)),

- **WP 3** – Stakeholder analysis and development of a generic model for identifying stakeholders directly or indirectly affected by SmartGovernment and their interests. (The Swedish Companies Registration Offices)

- **WP 4** – Technical analyze of artictecure and infrastructure of financial data. This work package will identify technical possibilities on which national decissions may be better informed and to establish a set of common Nordic principles of architecture and interoperability for the SmartGovernment for financial data– Brønnøysund Register Center Norway

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National Infrastructure

Innovative Nordic Digital Solutions

Thank you

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