National digitisation strategies benefiting food and farming: the Estonian case
e-Estonia

+ internet is a social right
+ every Estonian resident has an electronic ID
+ 99% of services are online
+ a few hours to start a company
+ Estonians trust e-solutions
electronic ID

The strongest identity.

+ 94% of e-ID – celebrating 15 Years!
+ 7% of mobile-ID
+ 15% of smart-ID
exchange


+ saving 800 years annually
+ over 900 connected organizations, databases
+ over 500 million transactions per year
+ Clear and honest principles:
  ➢ Once-only
  ➢ Digital by default
  ➢ Strict rules of access
E-estonia and food and farming
ARIB - Estonian Paying Agency

e-ARIB:

+ e-ID is used to identify the client
+ All of the services are possible to use online
+ 90% of the area-based applications are submitted via e-ARIB
+ System is user-friendly allowing farmers to use it without specialised consultants.
+ Information from other registers pre-filled for clients
+ High level of automated controls – focus on IT-system development instead of hiring extra employees
Satellite based mowing detection of ARIB
Client portal of the Ministry of Rural Affairs

- One consolidated portal for most of the services of the Ministry and its area of government: food, feed, plant health, seeds, land improvement, fertilisers, organic agriculture.
- e-ID is used to identify the client
- Connectivity with relevant registers - aim is to pre-fill the data fields as much as possible.
- Connectivity with portals dealing with official controls, surveys, monitoring fees etc. with fully automated processes
- Ambition to go fully paperless in next couple of years
- Main logic in developing e-services – specified target group and each service has to have its „owner“ who is responsible for the quality.
<table>
<thead>
<tr>
<th>Suunamised</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fütosanitaarsertifikaadi asendamise taotlus</td>
</tr>
<tr>
<td>Fütosanitaarsertifikaadi taotlus</td>
</tr>
<tr>
<td>Riigilõivu tagastamise avaldus</td>
</tr>
<tr>
<td>Seemnekartuli sertifitseerimine - mullaproovide võtmine</td>
</tr>
<tr>
<td>Seemnekartuli sertifitseerimine - põldtunnustamise tellimine</td>
</tr>
<tr>
<td>Seemnekartuli sertifitseerimine - taimepasside taotlus</td>
</tr>
<tr>
<td>Säilitussordi seemnekartuli kasvatamise teatis</td>
</tr>
<tr>
<td>Taimeliigi mikropaljandamise tegevusloa taotlus</td>
</tr>
<tr>
<td>Taimepassi taotlus</td>
</tr>
<tr>
<td>Taimetervise registrisse kandmine ja registriandmete muutmine (majandustegevusteades)</td>
</tr>
<tr>
<td>Teatis EL toodavast paljundusmaterjalist ja tarbekartulist</td>
</tr>
</tbody>
</table>
Future plans

Need to increase collaboration between state, IT-sector and food and farming sector

Food and farming sector
+ A need to produce more efficiently and sustainably

State
+ Data receiver and provider

IT-sector
+ Interest and know-how for developing various technological solutions

NB!
+ Secure and clearly ruled data exchange via e-ID and X-road serves as a prerequisite
The priorities of the Estonian EU Presidency

+ An open and innovative European economy
+ Safe and secure Europe
+ Digital Europe and the Free Movement of Data
+ Inclusive and sustainable Europe
Due to revoking and renewing the ID-card certificates, there may be disruptions in using the Internet Bank

Log in

Private

Username

- Smart-ID
- Mobile-ID
- ID-card
- Codes

Enter Internet Bank

Administration of user rights

Open a company account without leaving your desk

Contact

Customer support
665 5100

Skype call
seb.eesti

Letter to bank
Contact form
Estonian priorities & agriculture

+ An Open And Innovative European Economy

+ Digital Europe And The Free Flow Of Data
  ➢ Free Movement Of Data
  ➢ E-Government

+ Inclusive and sustainable Europe
  ➢ Sustainable use of resources (water, air, soil)