



PITU workshop
26 May 2020

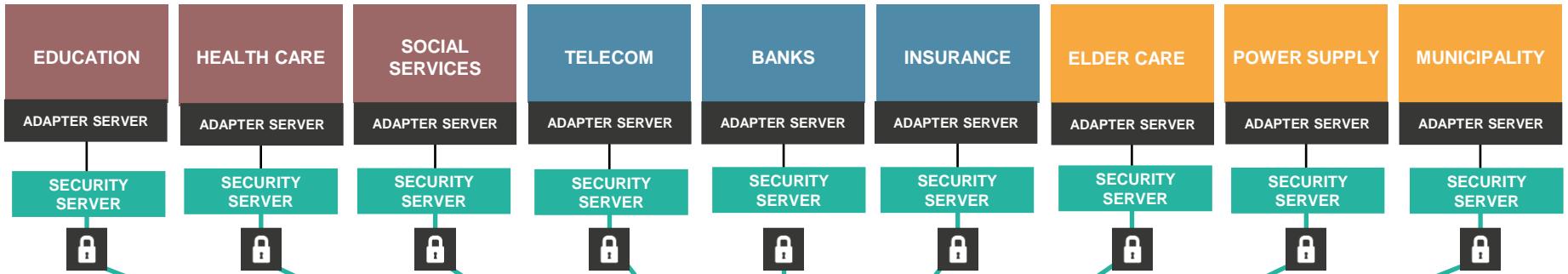
HELDIN



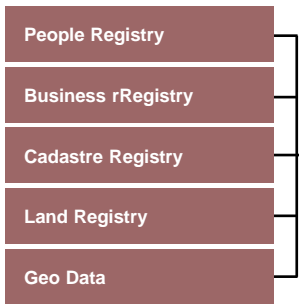
PUBLIC SECTOR

PRIVATE SECTOR

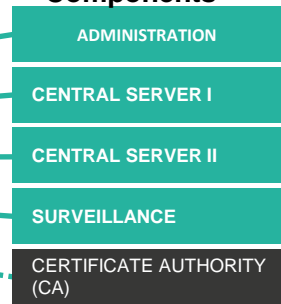
MUNICIPALITIES



BASIC DATA



Heldin – Core Components



CITIZEN SERVICE PORTAL

DIGITAL eID

Origin of the name – Heldin



A HELD is a ring made of a locked loop of ram's horn. It is a traditional tool used on the Faroe Islands to carry hay.

A rope is tied to the HELD and looped around the hay, securely binding the ball of hay together.

With a HELD you can carry more!



The history of Heldin

2015

- May: Research architecture/basic data
- June: Choice of system –centralized/decentralized
- November: Pilot



Pilot project with EGA & IT companies





SWOT – Analysis 2015

	X-ROAD V5	X-ROAD V6	FØ-SOLUTION	MICROSOFT EGOV / ESB	CENTRALIZED SOLUTION	CONTINUE AS IS	TIS
STRENGTHS	<ul style="list-style-type: none"> Decentralized Cost Security Timeline Open source Certificate in FØ User friendly Easy transition Quality of data 	<ul style="list-style-type: none"> Newer Technology Otherwise the same as V5 	<ul style="list-style-type: none"> Decentralized Newer technology Security + Open source Certificate in FØ User friendly Easy transition Quality of data Flexibility 	<ul style="list-style-type: none"> Standard Solution New technology Good itegration with Microsoft or Oracle 	<ul style="list-style-type: none"> Total Control of Data Neighbouring countries use the solution Quality of data 	<ul style="list-style-type: none"> “Comfortable” Able to choose technology Nothing needs to Change 	<ul style="list-style-type: none"> FØ Solution Some SOAP services already developed
WEAKNESSES	<ul style="list-style-type: none"> <u>Older technology</u> (Soap 1.1, manuel coding, design) Small user mass Unfamiliar countries 	<ul style="list-style-type: none"> Cost External Certificate Operations more expensive than v5 Not Tested 	<ul style="list-style-type: none"> Cost Timeline (Mini version – 6mo) Few users Solution not tested 	<ul style="list-style-type: none"> Cost Complexity No Influence on dev. Delayed communication (offline) Security Unknown 	<ul style="list-style-type: none"> Cost Time demanding Single point of failure 	<ul style="list-style-type: none"> AD-Hoc Complexity Weak Infrastructure Lost opportunities Cost 	<ul style="list-style-type: none"> Not standardized Timeline Cost of Development/ Operations Needs webservice layer
OPPORTUNITIES	<ul style="list-style-type: none"> Further development - Monitoring - Backoffice 	<ul style="list-style-type: none"> Cross borders Communication Backoffice development 	<ul style="list-style-type: none"> <u>Increase in IT industry</u> Developers have free choice 		<ul style="list-style-type: none"> Increase in IT industry 	<ul style="list-style-type: none"> Developers have free choice of code Wait for new Technology 	<ul style="list-style-type: none"> Increase in IT industry
THREATS	<ul style="list-style-type: none"> V5 will expire Dead end Unknown Vendors 	<ul style="list-style-type: none"> Vendor lock-in Foreign Involvement 	<ul style="list-style-type: none"> Low quality Lack of resource and approval Internal issues 	<ul style="list-style-type: none"> Development in different direction - We become passengers <u>Single point of failure</u> 	<ul style="list-style-type: none"> Can delay development Overly complex system Dependencies 	<ul style="list-style-type: none"> Confusion Chaos Delayed development Deadlock 	<ul style="list-style-type: none"> Lack of resource and development Vendor lock-in



The history of Heldin

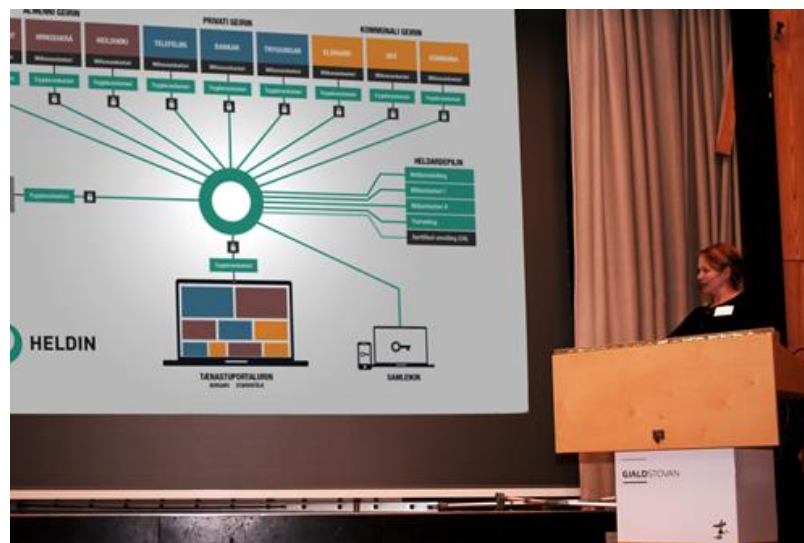
2015

- May: Research architecture/basic data
- June: Choice of system – centralized/decentralized
- November: Pilot

2016

- February: First test-participants
- May: Project of the Year in Tallin, Estlandi
- June: Production environment ready
- October: Regulation issued & official launch
- November: First live connections

Launch Okt.- 2016



HELDIN

UMSITINGARSKIPAN

LUTTAÐARAR

38

TRYGDARAMBÆTARAR

71

VEVTÆNASTUR

48

SKJØL O.A.

0

Heldin umsitingarskipan er eitt amboð hjá menningarum, umsitarum og brúkarum til skipanir, ið eru knýttar til Heldina. Tað kann somuleiðis nýtast til at fáa yvirlit yvir skipanir og tænaastur hjá einum ávísnum stovni.

Umsitingarskipanin til Heldina er eitt uppískoyti til at halda stýr á tænaastunum í Heldini, t.e. tænaastur millum stovnar, kommunur, virkir o.t.



Á SKRÁNNI

Vís alt >

SEP.
26

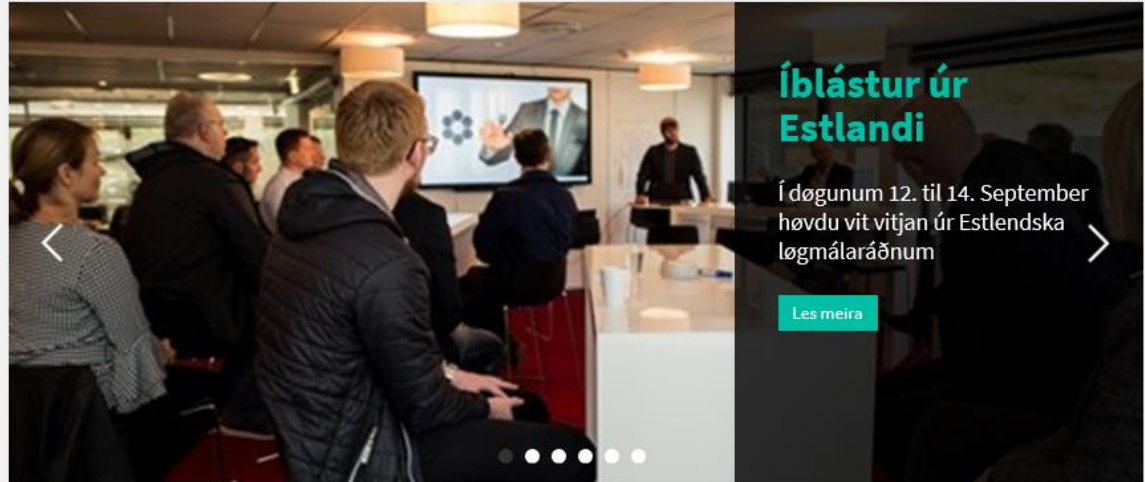
Framløga um Talgildu Føroya fyri
Þjóðskrá Íslands
Týsdagur 09:00, Þjóðskrá Íslands,
Reykjavík

SEP.
29

Framløga um Talgildu Føroyar fyri
Eldraráðnum
Fríggjadagur 10:30, Tilhaldið

OKT.
12

Framløga um Talgildu Føroyar fyri MBF
Hósdagur 13:00, MBF



Á BREDDANUM

Vís alt >



18. september 2017
Íblástur úr Estlandi



29. august 2017
Hava leypandi uppgávur tín áhuga?



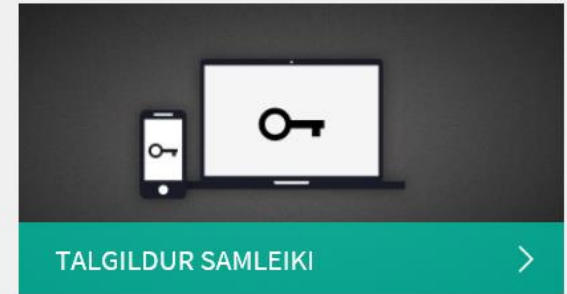
25. august 2017
Verkætlanartoymið Talgildur Samleiki
farið til verka



28. juni 2017
Sáttmáli um Talgilda Samleikan
undirskrivaður



TALGILDAR TÆNASTUR



TALGILDUR SAMLEIKI



HELDIN



GRUNDARDÁTA



The history of Heldin

2015

- May: Research architecture/basic data
- June: Choice of system – centralized/decentralized
- November: Pilot

2016

- February: First test-participants
- May: Project of the Year in Tallin, Estlandi
- June: Production environment ready
- October: Regulation issued & official launch
- November: First live connections

2017

- 14 Participants
- 23 security servers,
- 11 webservice
- BSL, LS, 3V, HR í rakstur
- Move from old population DB



The history of Heldin

2018

- 33 participants
- 28 Security servers (+16 joint security servers)
- 41 webservices
- 60 consumers
- Pre V6

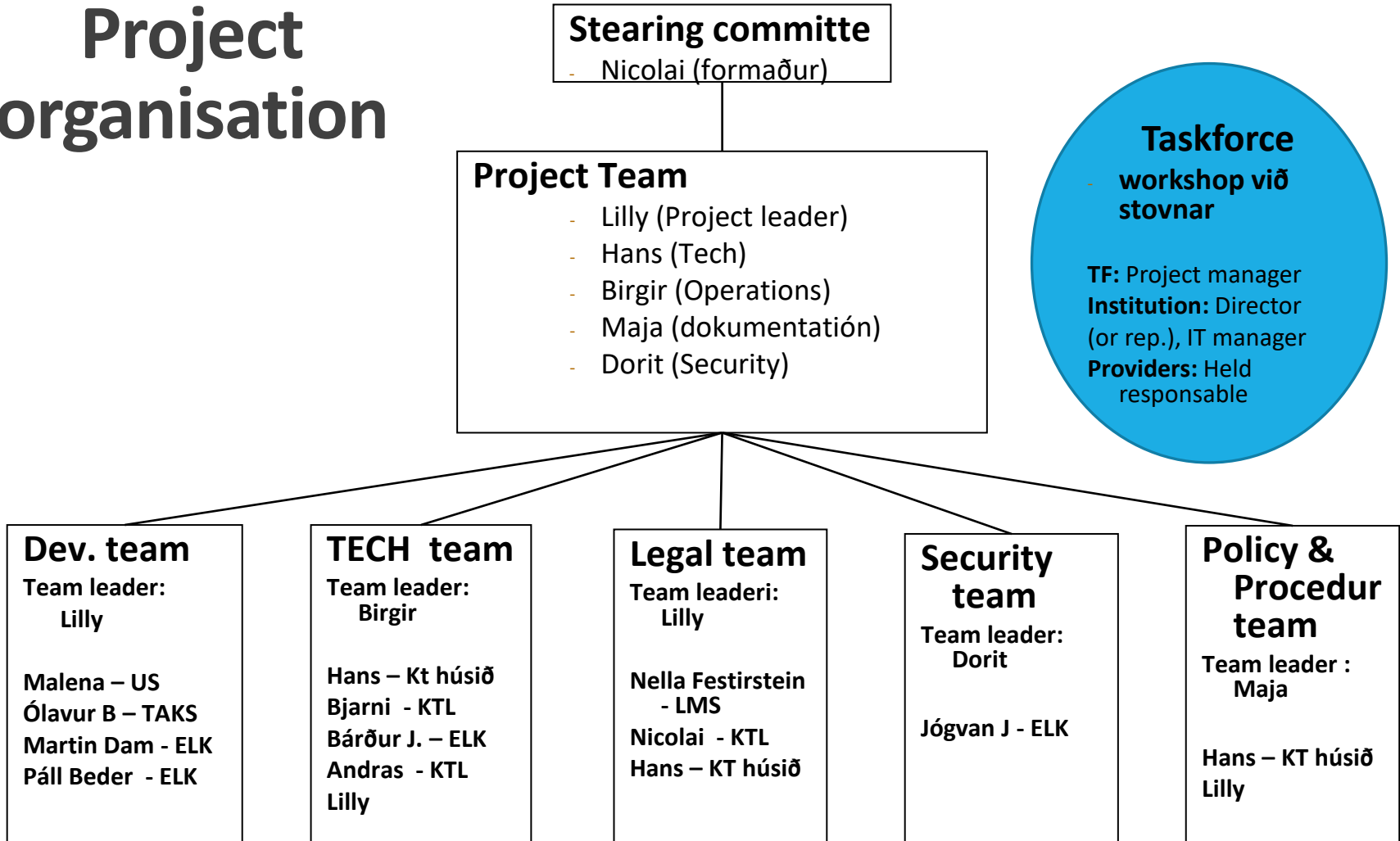
2019

- Evaluation of V6 (privat or public)
- May: Joined NIIS (public version)
- June: Pilot of V6
- Aug: Participated in NIIS workgroup

2020

- *Set up test & prod environemnts up (60% ready – dealy due to other projects in TF)*

Project organisation



An aerial photograph of a dramatic, layered mountain range. The mountains feature distinct horizontal strata of rock, with some peaks covered in snow. The foreground shows a steep, rocky cliffside meeting a vibrant blue body of water. The sky is filled with heavy, grey clouds, creating a moody atmosphere.

**Integration Processes
are Crucial for Success**



Policies & Porcedures

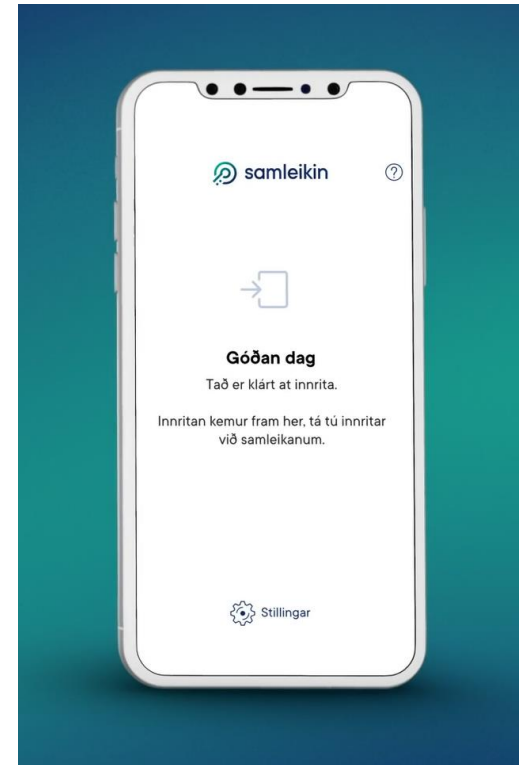
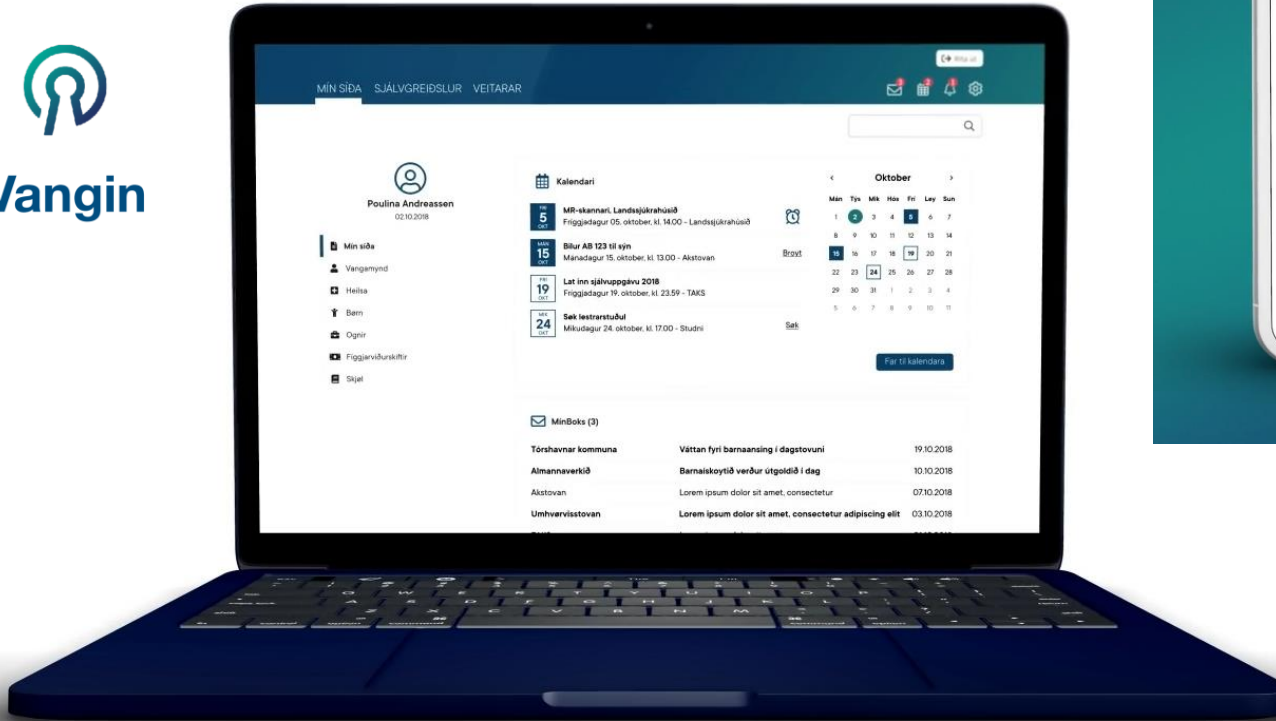
(We underestimated)

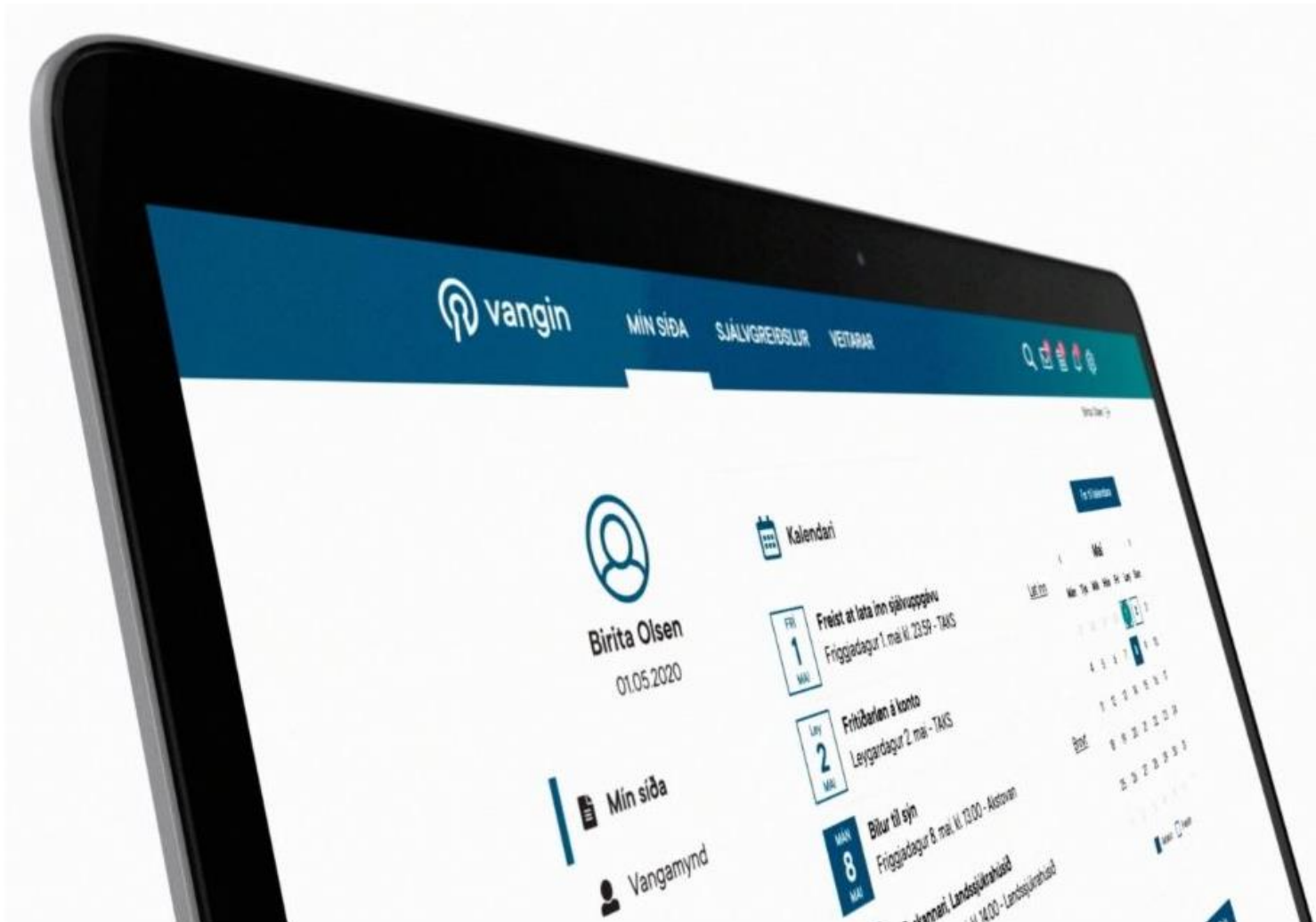
- Regulation for Heldin
- SLA with participants
- Person appointed responsible for Heldin
- Naming conventions
(Cons.: CVR no & Prod.: aks-syn-v1)
- Internal processes
- Application processes
- Guidelines for webservice
-

Heldin V2 - Status

- Environments is set up (servers, network etc.)
- Installation of X-Road v6 is happening now
 - Andras Eliassen (Tech lead)
 - Hans Blasvar (KT-Húsið – local IT vendor)
- Launch in fall '20
 - Taskforce to move from 5 to 6
- Discontinue Heldin v1







Follow us

www.talgildu.fo
facebook.com/talgildufo
linkedin.com/talgildufo



Thank You



HELDIN

The starting point

- Development is not coordinated
- We are not as advanced as we could be
- Doublefunctions
- Time and energy (resources) are wasted
- Dataquality could be better
- Digital security could be a whole lot better
- No central initiative on digitization,
 - No e-id
 - No e-infrastructure
 - No national service portal - Very few e-services (except banks and tax)

