



Healthcare
Conference **2022**

17 - 18 March 2022 | QEII Centre, London

National Scan4Safety programmes

#bettercarecostsless

Stage sponsored by  Omnicell™





Healthcare Conference 2022

17 - 18 March 2022 | QEII Centre, London

National Scan4Safety programmes

Bjørn Ravnstad

Advisor, South-Eastern Norway Regional Health Authority

#bettercarecostsless



South-Eastern Norway Regional Health Authority SENHRHA

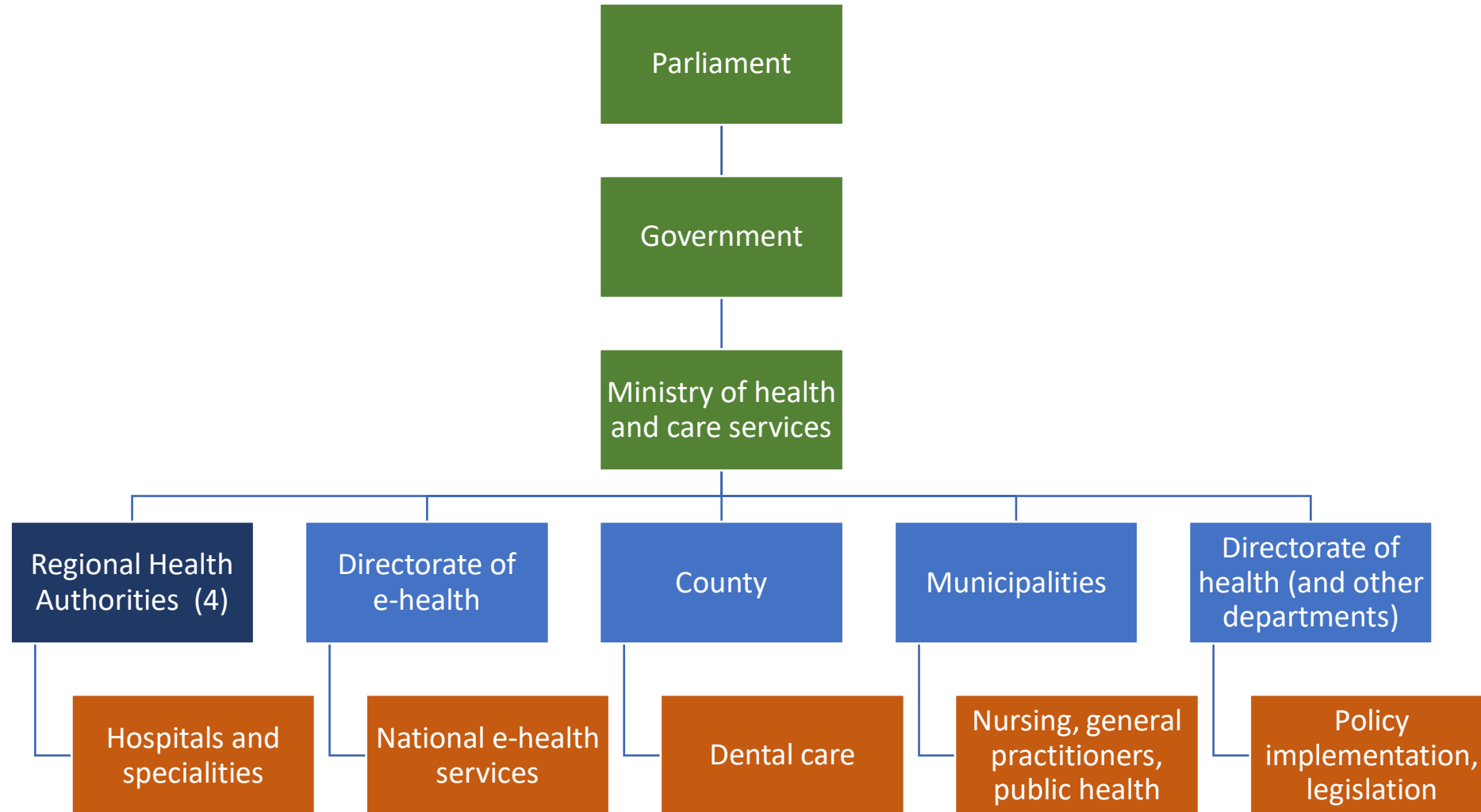
Implementing GS1 standards

HELSE  SØR-ØST

Agenda

- History and current project
- Regional standardisation
- National standardisation

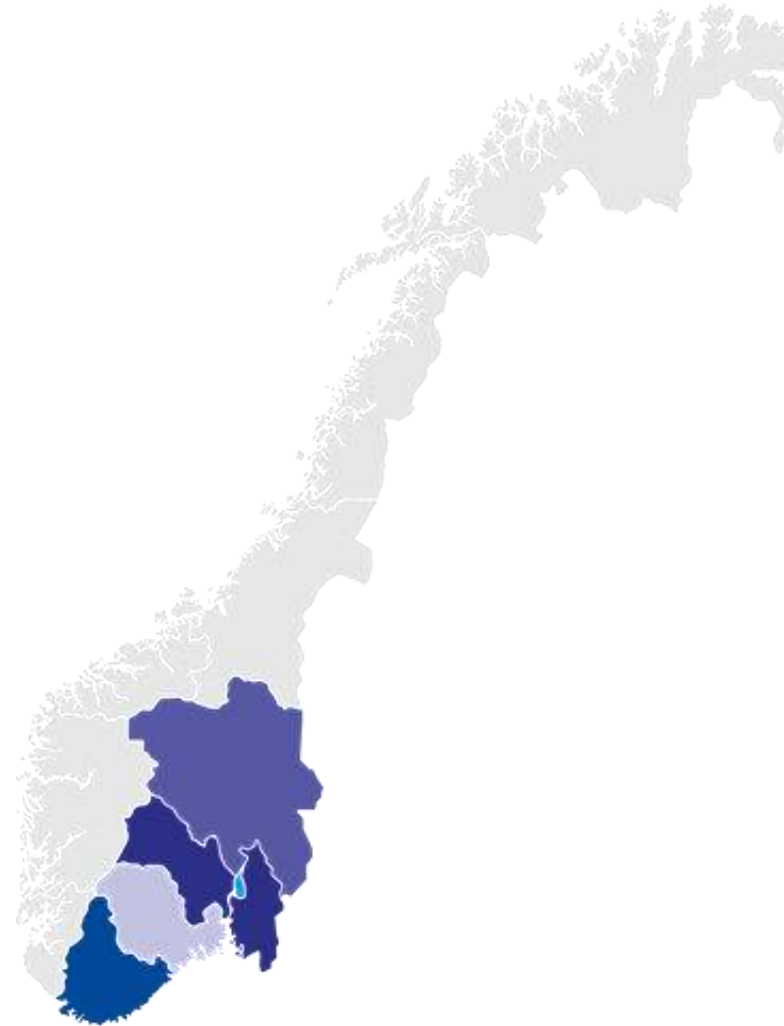
Simplified overview of Norwegian healthsystem



South-Eastern Norway Regional Health Authority

Norway's largest health authority:

- Established 1st June 2007
- Nine hospital-trusts, one ICT-trust, and one pharmacy-trust
- 80 700 employees
- Turnover: £ 7,5 billion
- Population: 2,9 million - 57% of the total population
- Manages **1500** production IT-systems.



Year 2015: We have a problem

Many barcoding initiatives

Regulatory developments
(FMD, MDR)

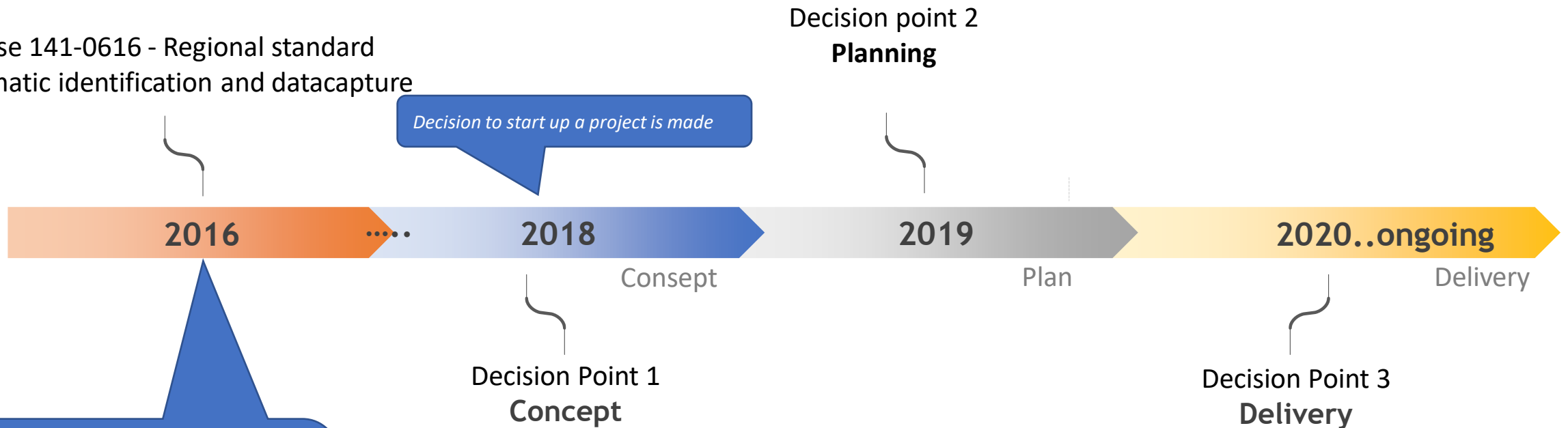


A desire for regional clinical and administrative solutions

No data standards

Year 2016: Starting to solve the problem

Case 141-0616 - Regional standard
Automatic identification and datacapture



«GS1 og ISBT128 are designated as regional standards for automatic identification and datacapture. The South-Eastern Norway Regional Health Authority will act as a champion to establish national standards and best practice for automatic identification and datacapture.

Agreed project deliverables



Target architecture for GS1 for procurement and supplychain.



'Proof-of-concept' for automatic identification and datacapture, localization, and eventbased traceability.



Procurement of technology to support GS1.



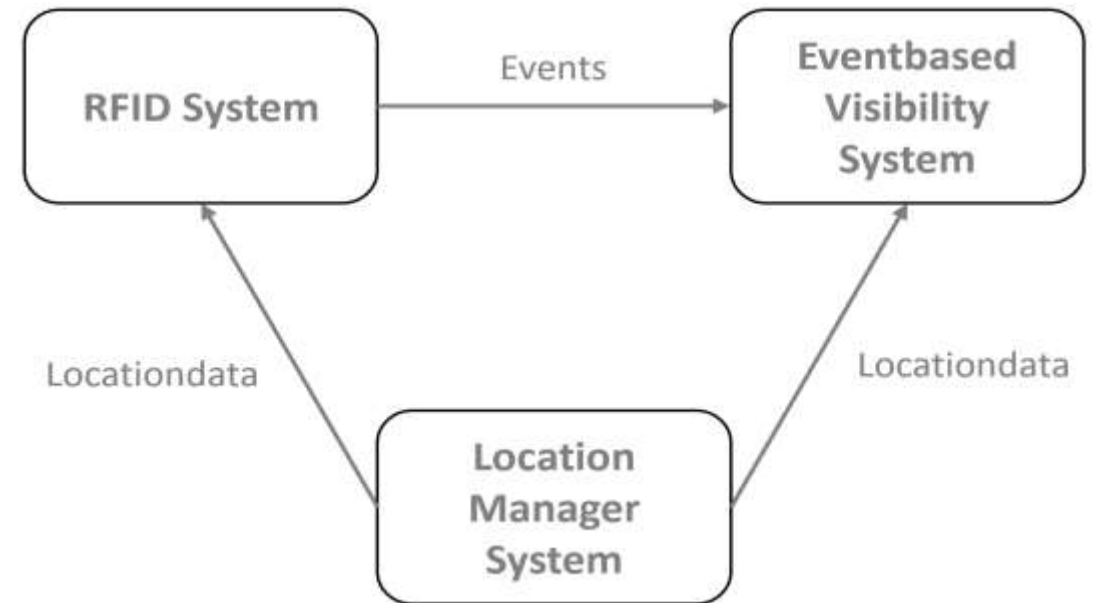
Implementation of technology.

Currently: Implementation of technology

Implementation of regional:

- RFID system
- Eventbased visibility system (EPCIS)
- Location manager system

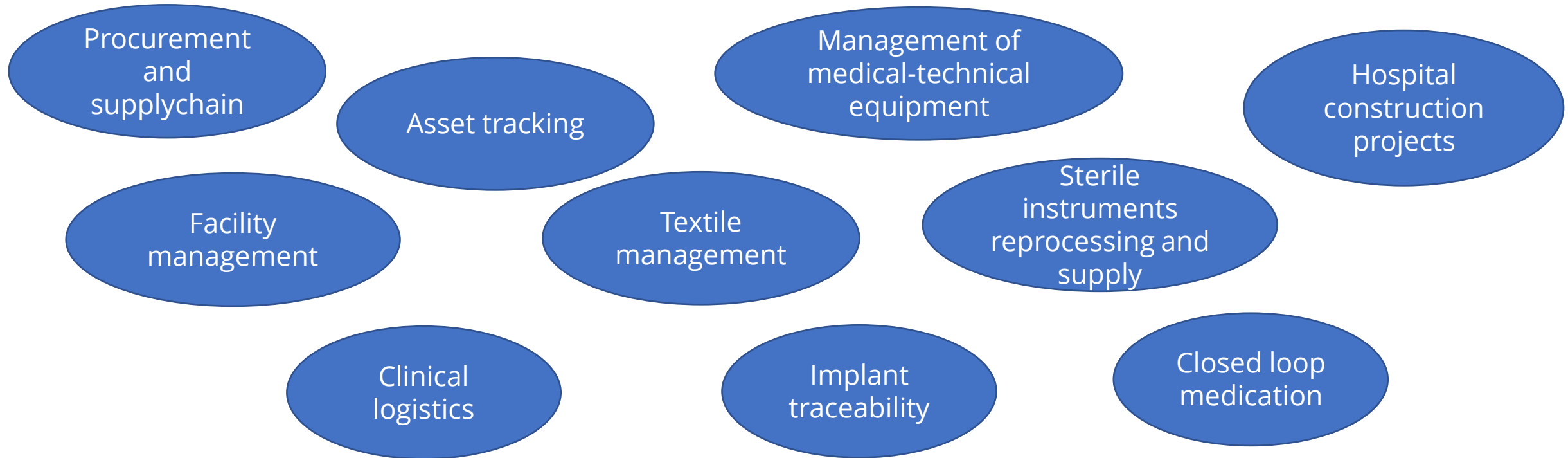
Running multiple proof of concepts in trusts, and assigning GLNs (60264 per March 15th).



Regional standardisation

Coordinated use of GS1 standards

The project is mandated to provide advisory to all other ongoing projects and initiatives within the health authority on how to use GS1-standards.



A practical approach



Eksempel

Informasjonselement	Verdi	Kategori
Produktkode	09876543210987	
Batchnr	810283048	
Produktets dato	190725	Løstsettdato: 25.07.18
Serienummer	1234567891011121314151617181920	
Dokumentnr	1234567891011121314151617181920	

Tabell 11 - Eksempel (110-6-104) for automatisert datafangst

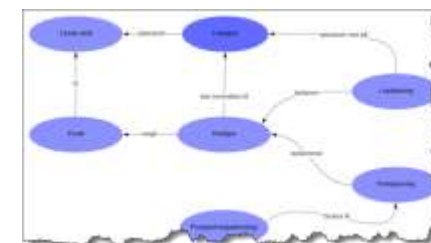
GS1 DataMatrix

00<09876543210987<
11<090123<
12<041516171819<
13<1234567891011121314151617181920<

5 Technical profiles
(Fairly technical stuff)

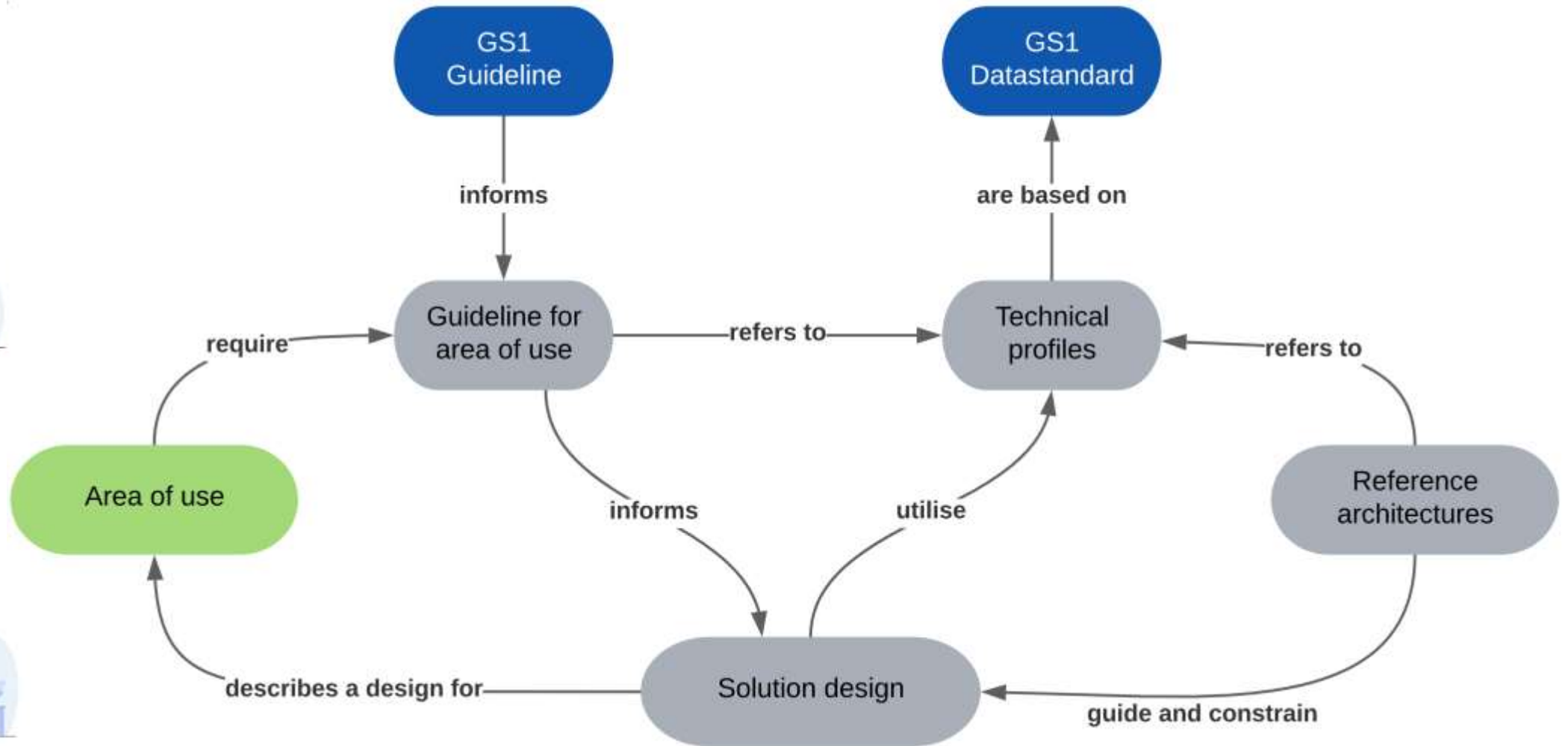


7 Guidelines
(Practical «how to»)



3 Reference-architectures
(A bit abstract)

Methodology



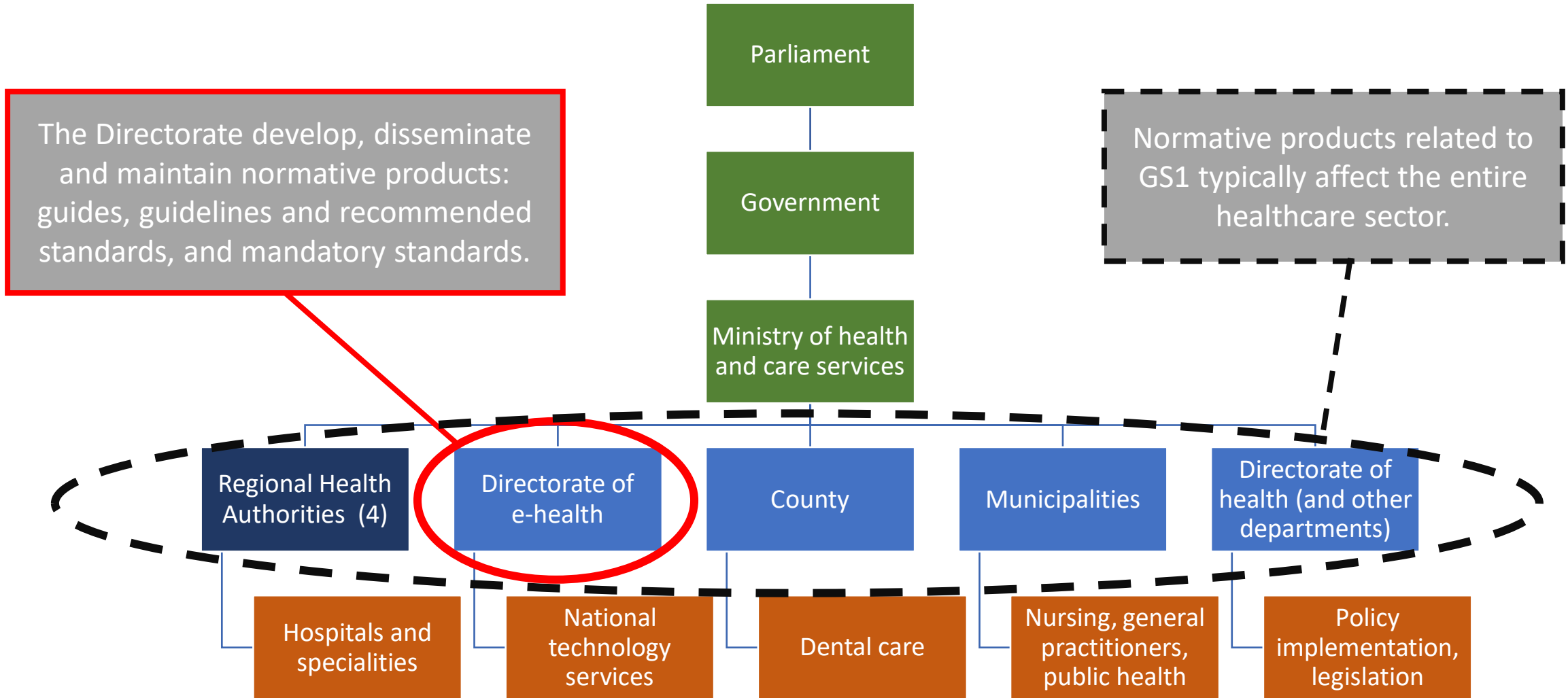
Regional architecture governance

Deliverables are submitted to the regional architectural board in the health authority.

Adherence to regional standards are expected, but exemptions can be made when they are grounded.

National standardisation

Who is involved?



National Guide developed

“The Directorate for e-Health recommends that GS1 standards be used for the following purposes:

- *Global Trade Item Number (**GTIN**) for drug identification*
- *Unique Device Identification (**UDI**) issued by GS1 for identification of medical devices*
- *Global Location Number (**GLN**) for location identification*
- *Global Service Relationship Number (**GSRN**) for identification of patients and healthcare professionals*

It is recommended that these standards be combined with a GS1 standard for data capture: barcodes, DataMatrix or RFID.”



The regional health authorities provided input to the guide together with the Directorate

<https://www.ehelse.no/standardisering/standarder/veileder-for-bruk-av-gs1-standarder-for-identifikasjon-og-sporbarhet>

The ladder of normativization



Mandatory standard

Recommended standard

Guideline

Guide (we are here)



Thank you for your attention

HELSE  SØR-ØST



Healthcare Conference 2022

17 - 18 March 2022 | QEII Centre, London

National Scan4Safety panel

Chaired by Anne Godfrey, CEO, GS1 UK

with **Andy Smallwood**, head of sourcing, NHS Wales Shared Services Partnership – Procurement Services

Simon White, programme director, NHS Scotland

Bjørn Ravnstad, advisor, South-Eastern Norway Regional Health Authority

[#bettercarecostsless](#)

