Felles kommunal journal

RFI data platform webinar

10 February 2022

Richard Åstrand & Lars Kristian Roland

Agenda

- Introduction to FKJ
- Platform and marketplace
- Project timeline
- Questions

Our history from 2005 to 2022

2012-2013

Stortingsmelding
Én innbygger
– én journal

2016

Vurdering av
Helseplattformen

2017–2018

Stortingsmelding
Lev hele livet

2019

Stortingsmelding
Nasjonal helse- og
sykehusplan

2020

Handlingsplan
for allmenn-
legetjenesten

2021-2022

Midler over statsbudsjettene
til felles kommunal journal
og digital samhandling

2005-2011

2015

Utredning
Én innbygger
– én journal

2017

Veikart for
realisering av
Én innbygger
– én journal

2018

KVU og KS1
Nasjonal kommunal
løsning

2019-2020

Sentral styringsdokument
Akson – Helhetlig
samhandling og felles
kommunal journalløsning

2020

Veikart for nasjonale
e-helseløsninger

Felles kommunal journal

What is Felles kommunal journal?

FKJ is one of several government efforts to realize our nations ambition to simplify and improve our national healthcare services*

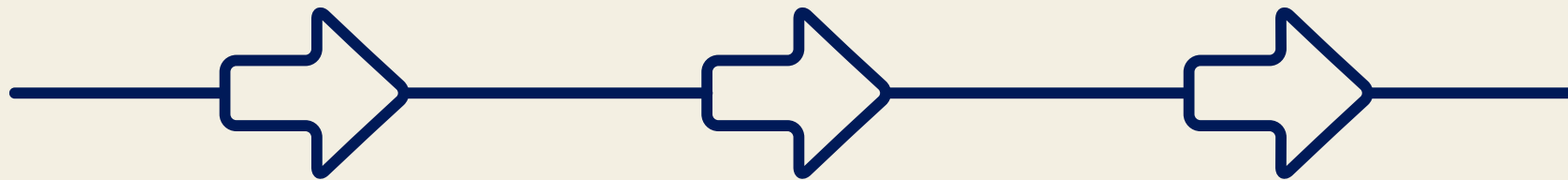*src. Public strategy «*Én innbygger – én journal*», 2012

The FKJ project has set out to address the needs of the primary care services to share and collaborate on information.

We believe a separation of data and application will provide new opportunities to develop better end-user products for healthcare professionals in close collaboration with the vendor market.

FKJ is an ongoing development direction and will be executed in steps.

Set patient-information free

Today, most patient information is locked in various software solutions that mostly do not communicate. FKJ suggests to establish a platform that makes data sharing possible across various solutions within municipal healthcare services and systems.

One prerequisite for this to work is to separate information (patient journal data) from systems (applications).
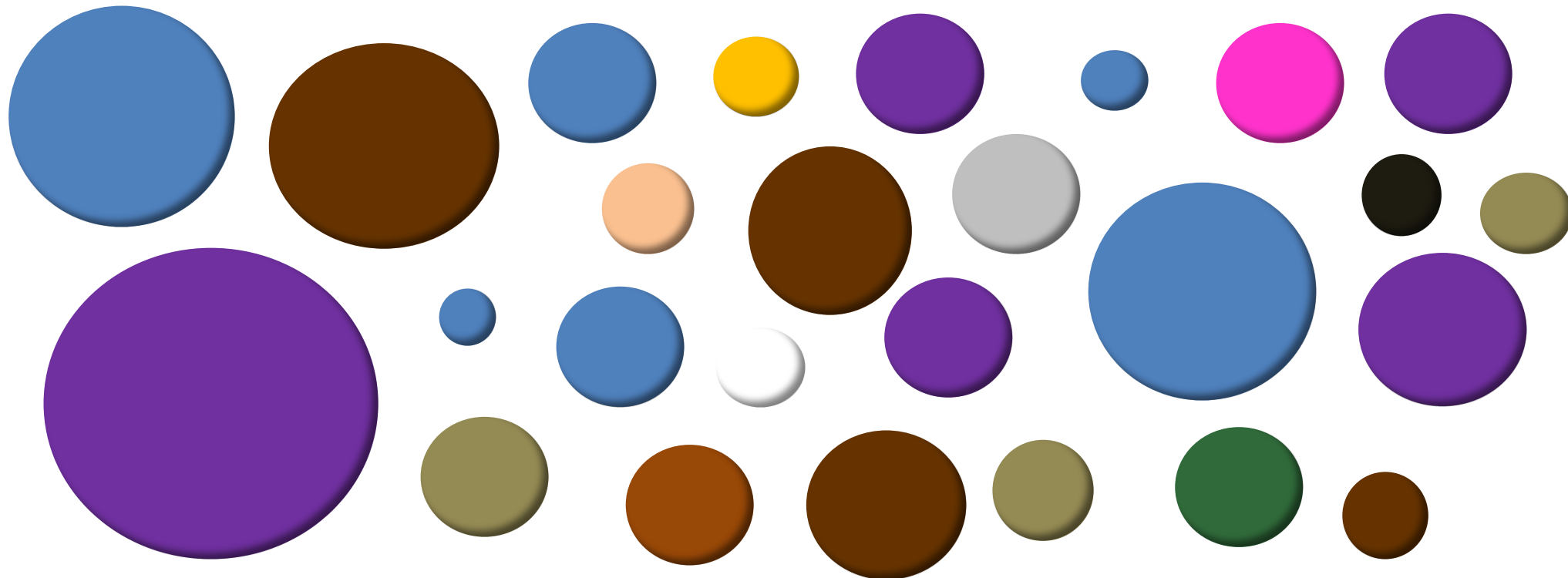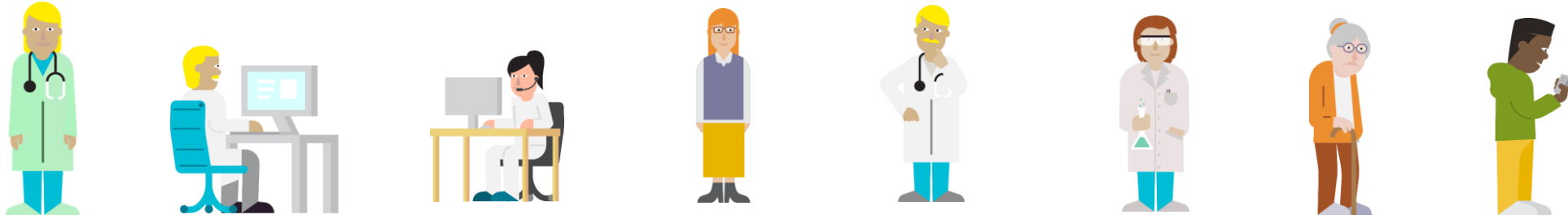
Our goals for Felles kommunal journal

- Healthcare professionals get access to up-to-date and relevant patient information
- Patient and inhabitants are secured rights and insight to their own data
- Municipalities get tools to improve efficiency, quality and governance
- Better data for research and development
- Provide a level playing field for solution providers
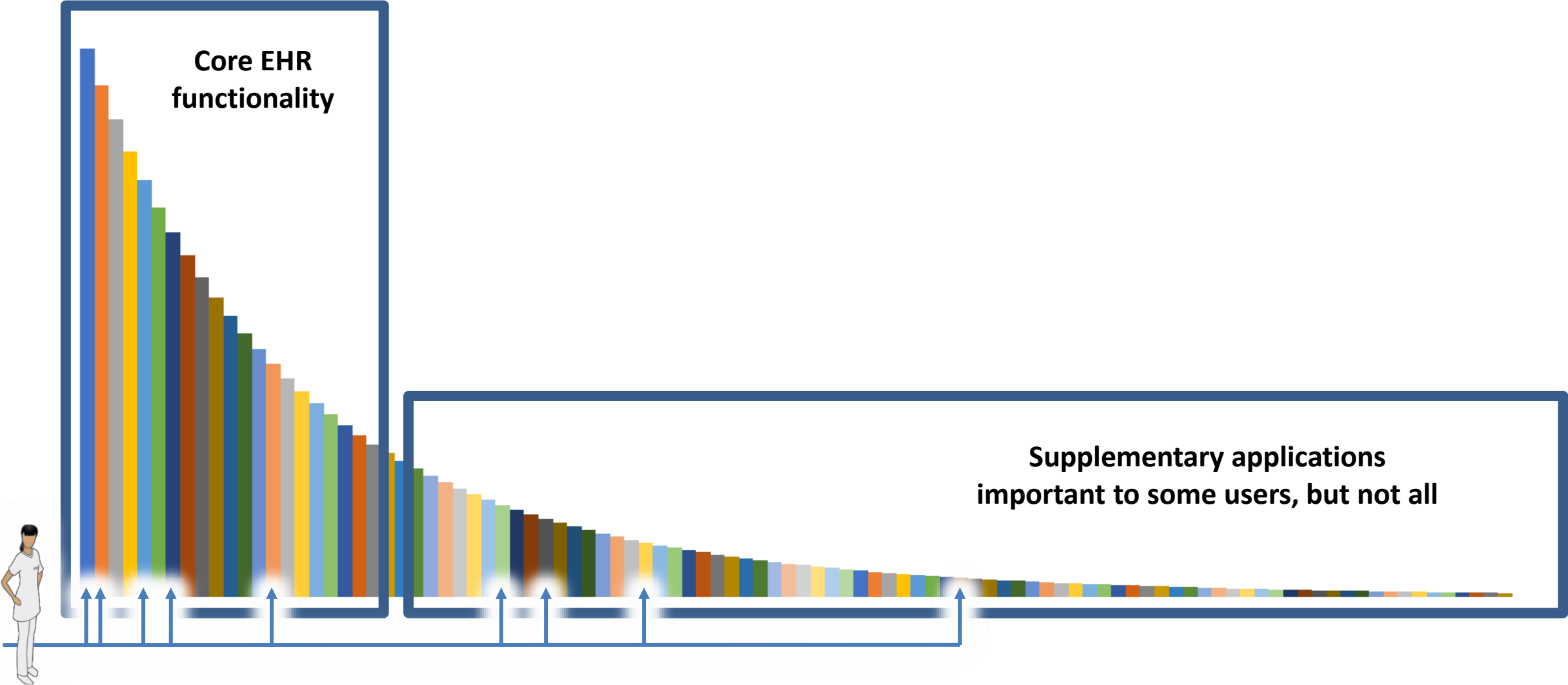
Platform and marketplace

Users have many needs – some common, others more specific

Number of users per application («The long tail»)

Core EHR functionality

Supplementary applications important to some users, but not all

Patient pathways, services, processes and people
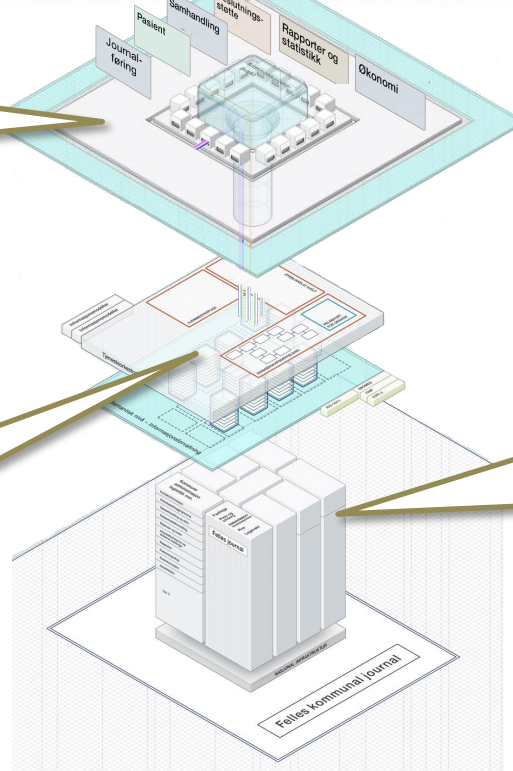
Collaboration to achieve great health services

Transformation and innovation focusing on user needs

Municipalities working in groups have a central role in development

Marketplace

Applications from different vendors can be combined to provide seamless workflow

Platform

Storage and open APIs based on international standards such as openEHR, FHIR and SNOMED CT. Scope increases incrementally as platform and applications mature.
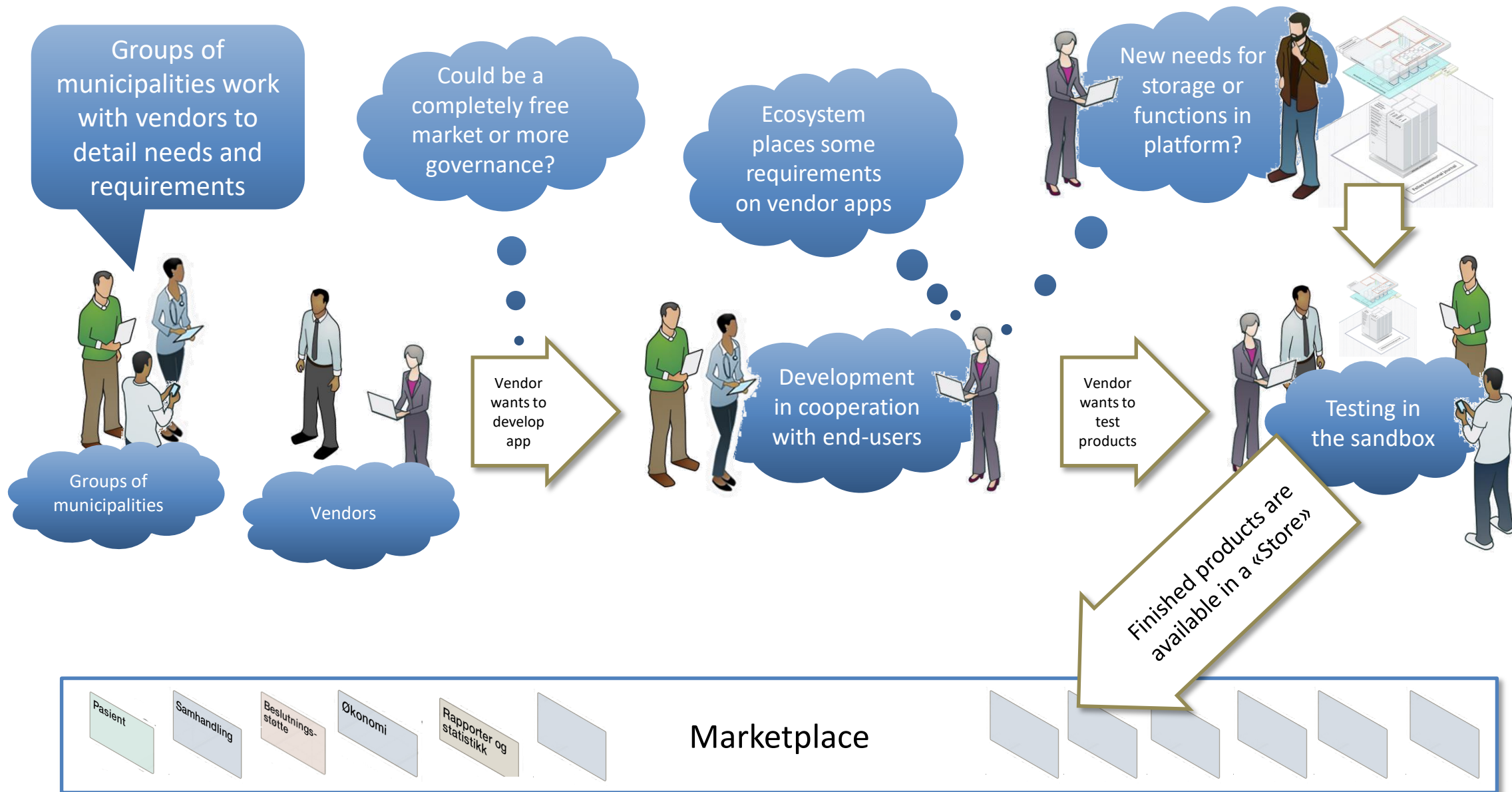
Information management

Municipalities, vendors, health regions and others actors work together to develop models

Marketplace – from needs to solutions

Groups of municipalities work with vendors to detail needs and requirements

Could be a completely free market or more governance?

Ecosystem places some requirements on vendor apps

New needs for storage or functions in platform?

Groups of municipalities

Vendors

Vendor wants to develop app

Development in cooperation with end-users

Vendor wants to test products

Testing in the sandbox

Finished products are available in a «Store»

Marketplace

Pasient

Samhandling

Beslutnings-støtte

Økonomi

Rapporter og statistikk

Marketplace

Install

Easy to install new applications from marketplace

SMART og CDS-Hooks application frameworks give seamless flow

Install

Copy data for sharing to platform
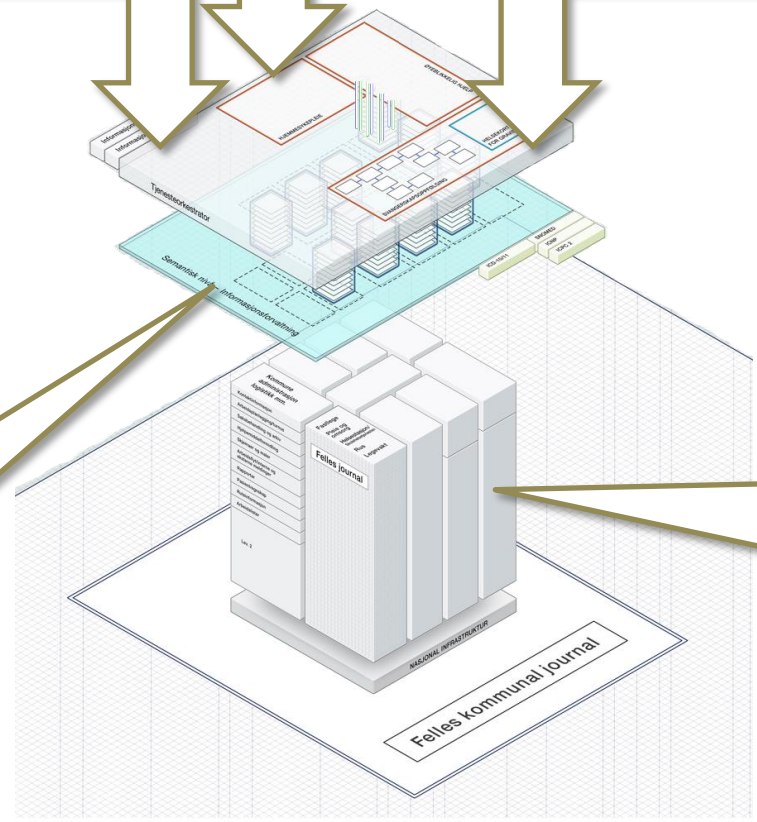
Applications store data on platform

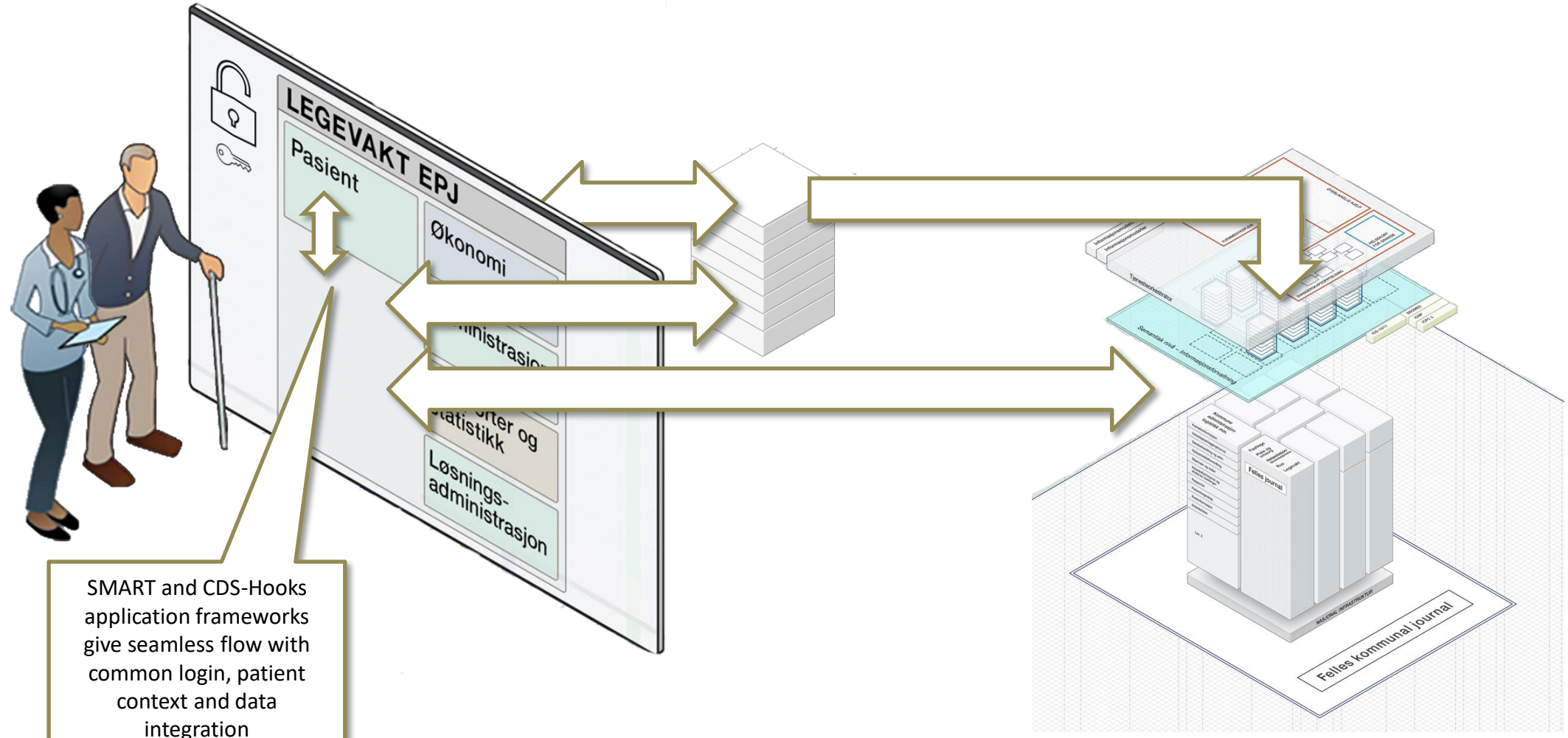Applications store data on platform

Hybrid solution based on existing EHR solutions

«Native applications» that use platform for storage

Information management that municipalities, vendors, health regions and the state work on together

Storage and open APIs based on international standards such as openEHR, FHIR and SNOMED CT. Scope increases incrementally as platform and applications mature.

«Store»

Pasient
Samhandling
Beslutnings-støtte
Økonomi
Rapporter og statistikk
Saks-behandling

LEGEVAKT EPJ

Pasient

Økonomi

...ministrasjon

...rter og statistikk

Løsnings-administrasjon

Felles journal

Felles kommunal journal

SMART and CDS-Hooks application frameworks give seamless flow with common login, patient context and data integration
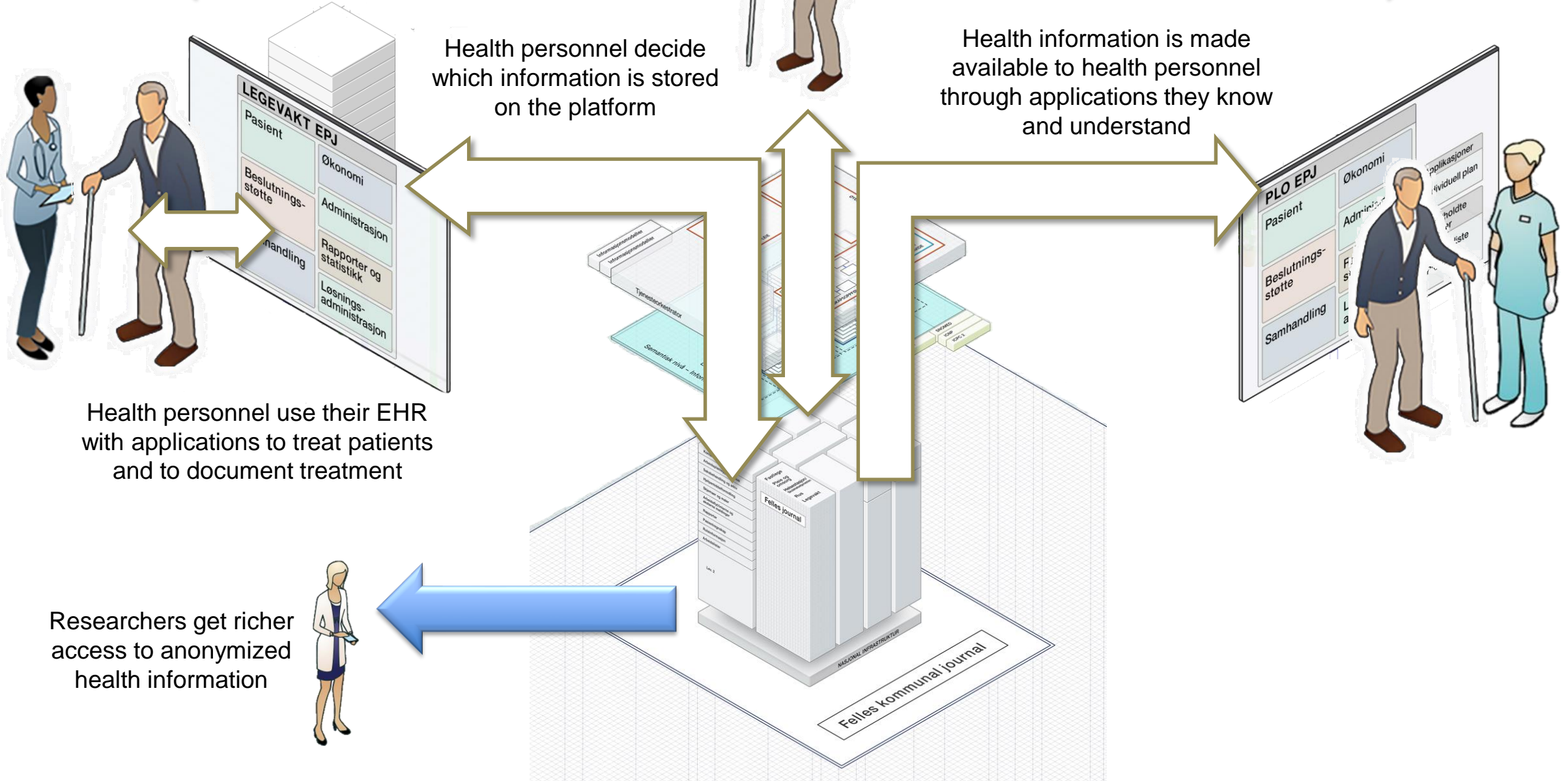
Coherent patient pathways ← → Easier for health personnel

Health personnel decide which information is stored on the platform

Health information is made available to health personnel through applications they know and understand

LEGEVAKT EPJ
Pasient | Økonomi
Beslutnings-støtte | Administrasjon
handling | Rapporter og statistikk
| Løsnings-administrasjon

PLO EPJ
Pasient | Økonomi
Beslutnings-støtte |
Samhandling |

Health personnel use their EHR with applications to treat patients and to document treatment

Researchers get richer access to anonymized health information

Felles journal

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Health information

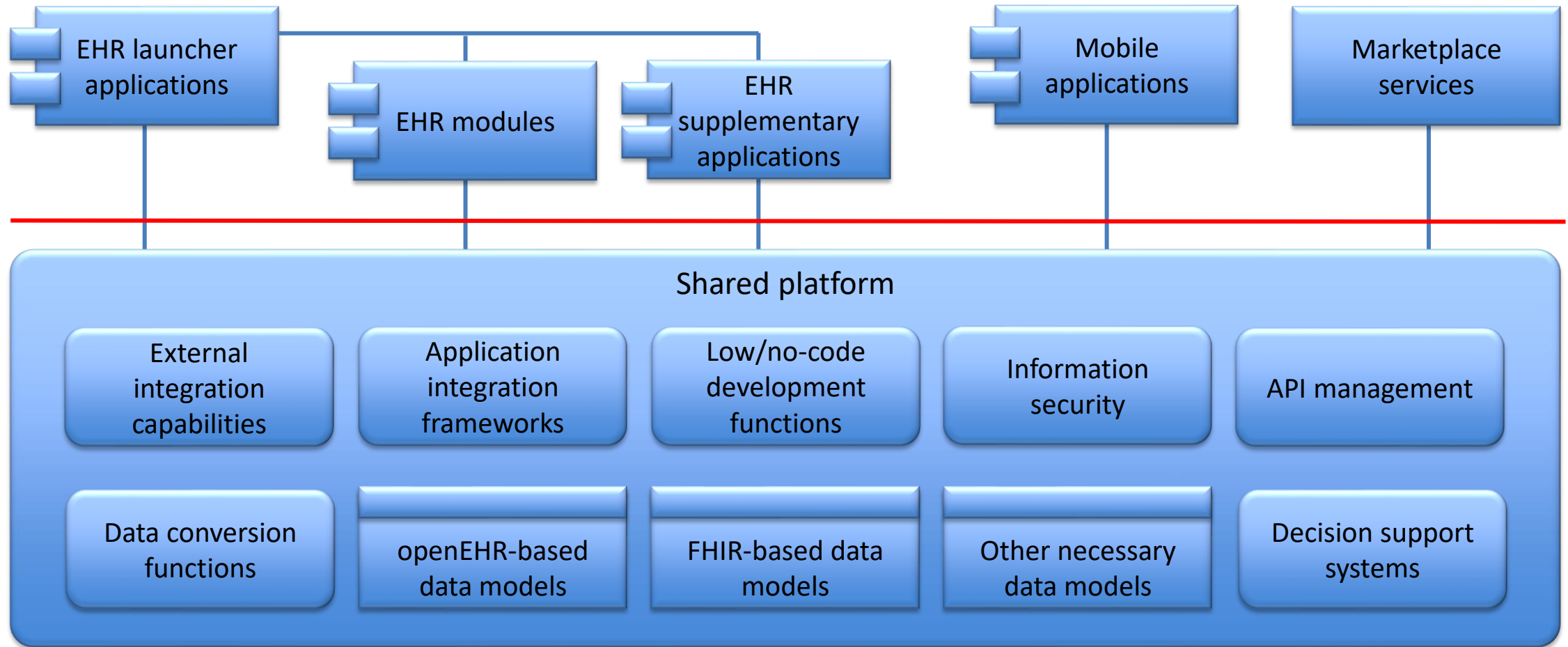| Patient administrative data		Information related to health personnel
	Some data needs are solved in national solutions outside FKJ. Not necessary for FKJ to solve.	Some health information needs are not solved nationally and can be handled by an FKJ platform	Time sheets, roles, calendars, HR, team admin etc.
Case handling		Information related to health organizations
		Equipment, site management etc.

Master data (mainly handled nationally or by the municipalities)

RFI scope – focusing on the platform

EHR launcher applications

EHR modules

EHR supplementary applications

Mobile applications

Marketplace services

Shared platform

External integration capabilities	Application integration frameworks	Low/no-code development functions	Information security	API management
Data conversion functions	openEHR-based data models	FHIR-based data models	Other necessary data models	Decision support systems

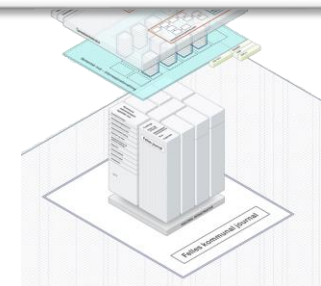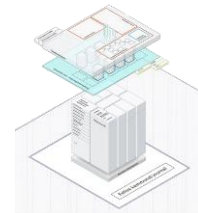# Focus areas in tentative steps towards the final goals

Preparation

Information sharing
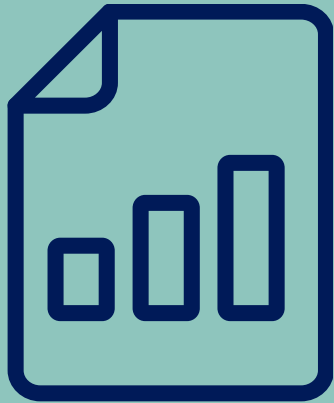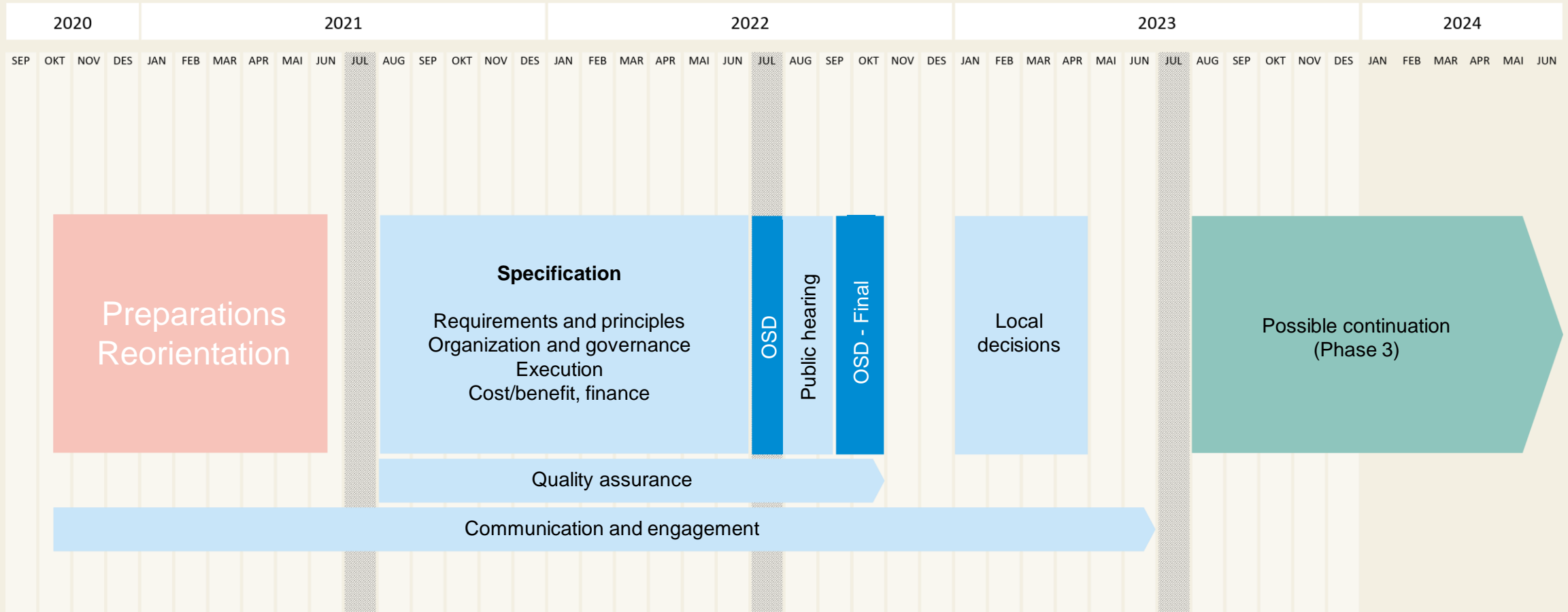
Improvement

Transformation

Timeline & deliverables

Our project timeline, deliverables for this phase and partnering municipalities

2020	2021	2022	2023	2024

SEP OKT NOV DES JAN FEB MAR APR MAI JUN JUL AUG SEP OKT NOV DES JAN FEB MAR APR MAI JUN JUL AUG SEP OKT NOV DES JAN FEB MAR APR MAI JUN JUL AUG SEP OKT NOV DES JAN FEB MAR APR MAI JUN

Preparations
Reorientation

Specification

Requirements and principles
Organization and governance
Execution
Cost/benefit, finance

OSD

Public hearing

OSD - Final

Local
decisions

Possible continuation
(Phase 3)

Quality assurance

Communication and engagement

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Our deliverables?

- Updated project definition document and decision documents for local authorities (municipalities)

- Requirements and principles for execution and realization of central topics such as:
  - Ecosystem
  - Data platform
  - Marketplace / app store
  - Healthcare professional interface
  - Gradual development

- Economy, organization and governance

Guidelines for FKJ

Norway national budget for 2021 (Meld. St. 1 (2020-2021)):

- Step-by-step development and adoption

- Modern platform-based solution and an ecosystem promoting innovation and service development

- Collaboration between different IT solutions to cover the needs from the healthcare sector

- Use open standards and interfaces to build solutions over time to promote innovation

- Enable vendors to deliver integrated solutions to multiple municipalities

- Different requirements can be met by different applications

Partnering municipalities in FKJ

KS has established cooperation agreements with the following municipalities:

Bergen

Bærum

Bodø

Hammerfest

Oslo (dialogue)

Kristiansand

Ringsaker

Stavanger

Vinje

Trondheim (dialogue)

Questions?

www

Visit our website for more information:
ks.no/fkj