# Imagining 2029
## European Strategy for Data

# Pathways for moving towards (Health) Data Spaces

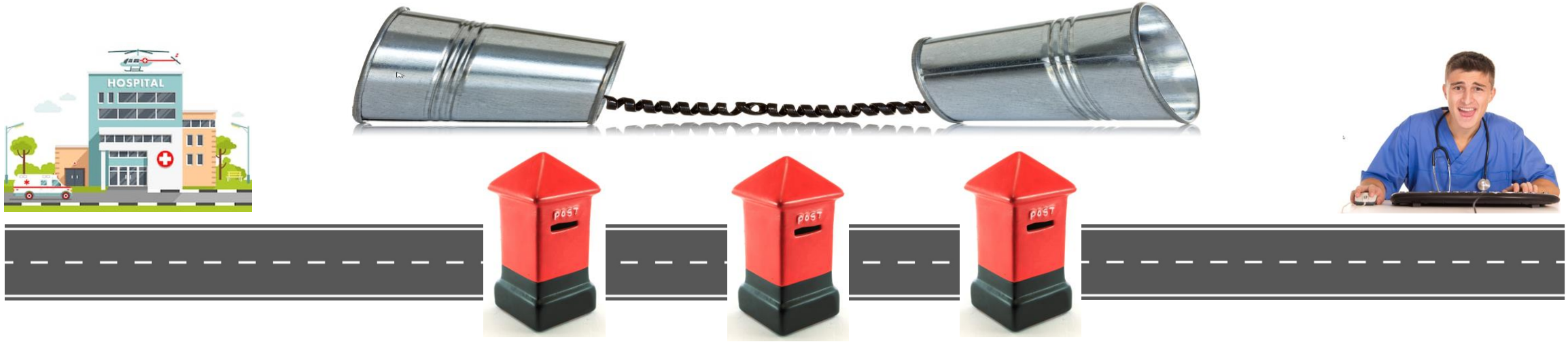
EHTEL webinar, May 20. 2020

Michael Johansen

mjo@medcom.dk

# Danish Infrastructure 2020 (from National to European) Strategy allows datasharing and messaging to co-exist.

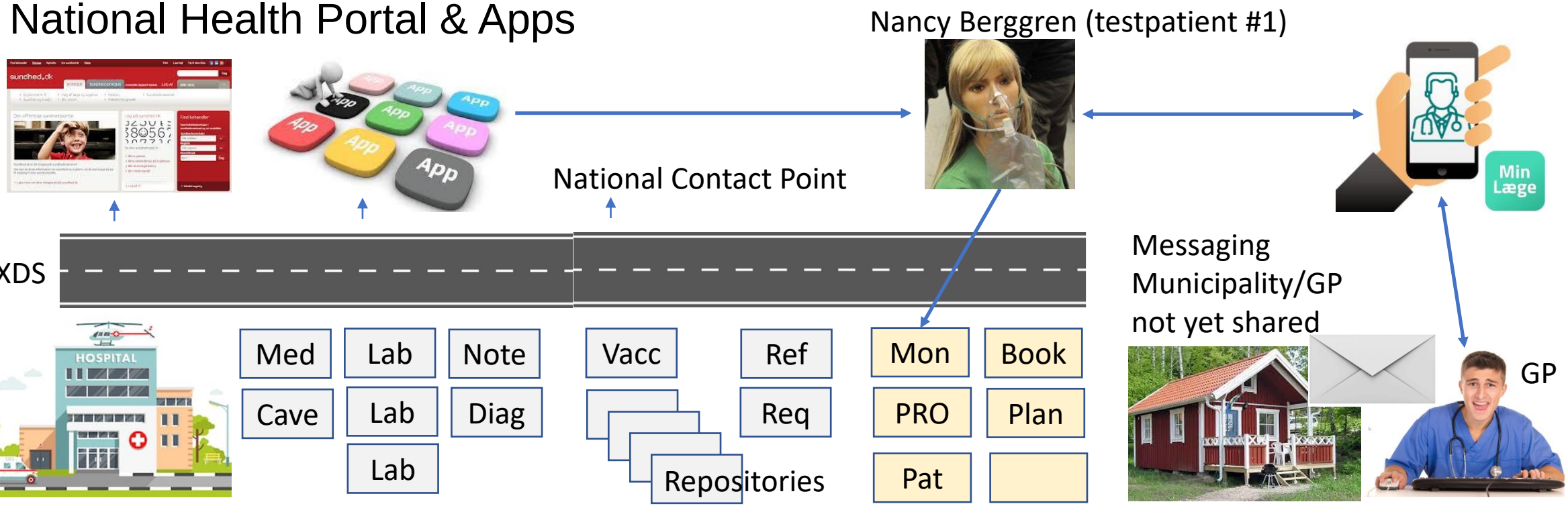
- VANS backbone Messaging (private Operators during 25 Years)
  - Point-to-Point transport of Messages & mapping of formats
  - Plans for substitution with eDelivery (2021), including more than health domaine. Free market for operators. Cross border possibility. Cross domaine messaging.
- Serviceoriented backbone (national Service Platform NSP, during 15 Years)
  - IHE XDS Document share (HL7 CDA, during 5 Years). Expect FHIR Documents soon.
  - Logging, Blocking (Consent), Access & Notification



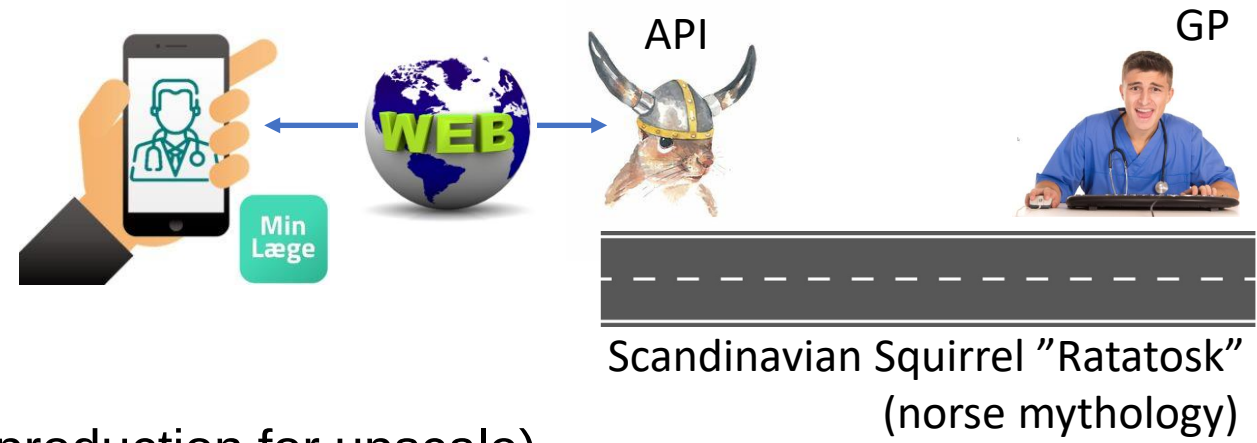
# Secondary Use – Requirements due to covid-19

Made possible with repositories. Legislation is an obstacle.
Cross domaines healthcare and social care.

- Serviceoriented backbone (NSP) – connected to – Messaging
  - FHIR enabling old SOAP services
  - Messaging format HL7 FHIR (2 messagetypes in 2020). Abandon national EDIfact.
- National Health Portal & Apps



# Telemedicine
# Prepared for pandemic




- Video Conference (Virtual Meeting Rooms)
  - National Backbone Infrastructure (ready in production for upscale)
    Guides existing, SLA organization present
  - Technology agnostic (Pexip, Teams, Skype, Browser & PC, Tablet, Phone)
- Virtual Waiting Room, API and a website (Saas)
  - Patient book meeting in App, when GP has opened access to the virtual waiting Room.
    When ready, the GP activates the App (buzz in the Patients Pocket)
- Upscale – Due to covid-19
  - Planed 2020 upgrade from 500 concurrent Users to 1.000 on Day 1.
    One Week later upgrade again to 1.500, 2.000 and 2.500 at the same Date.
    Next Day upgrade to the full capacity (25.000) with national funding.
  - Bottleneck identified, and BIG Router acquired
  - Virtual Waiting Room API build into the Citizens ”MyDoctor” App. (#1 download)
    Private Specialist and Municipalities also connected now.
  - Next step is EHR at General Practice to implement API. (Use website for now)