UNA PROGRAM

Together to the Future

Erkki Kujansuu, Program Director

UNA ?

UNA (*lat.*) = synchronously, at the same time

UNA IS A NATIONWIDE PROGRAM OF FINNISH HEALTHCARE ORGANIZATIONS TO REFORM THE SOCIAL AND HEALTH CARE ICT ECOSYSTEM.

The intention is to enable implementation of modular ecosystem needed in customer-oriented and effective social and healthcare service environment

UNA Community

19 Hospital districts

5 Cities

292 Municipalities of hospital districts

+ Several stakeholders including the Association of Finnish Local and Regional Authorities

MAIN PREMISES

- Current solutions do not support new service models and are difficult to develop.

- Need to proceed towards variable, individual and flexible service solutions and service design.

- Need to build customer oriented ICT solutions based on key functional modules.

- Need to utilize more effectively the fast development of ICT infrastructures and technologies.

- Need to break off vendor lock-in.

CENTRAL PRINCIPLES

CUSTOMER
Co-operation
Co-creation
Comprehensi-veness
Evolution
Continuity

una

Regional government, social and healthcare reform 2019

- Integrated social and healthcare services will be organized by 18 different counties
  - *Changing roles for municipalities*
- Funding will be provided by the state and channeled through counties
- Distinction between organizer and provider
- Multiple service providers (county and private organizations)
- Change of responsbilities for social and helathcare ICT solutions

HISTORY

IX/15-V/16

SPECIFICATION OF REQUIEMENTS

- Vendor neutral and organization-independent set of funcional and ICT-requirements enabling ecosystems based on shared data and open interfaces
- Forms a basis for development and procurement of the future ICT-systems

I-IX/16
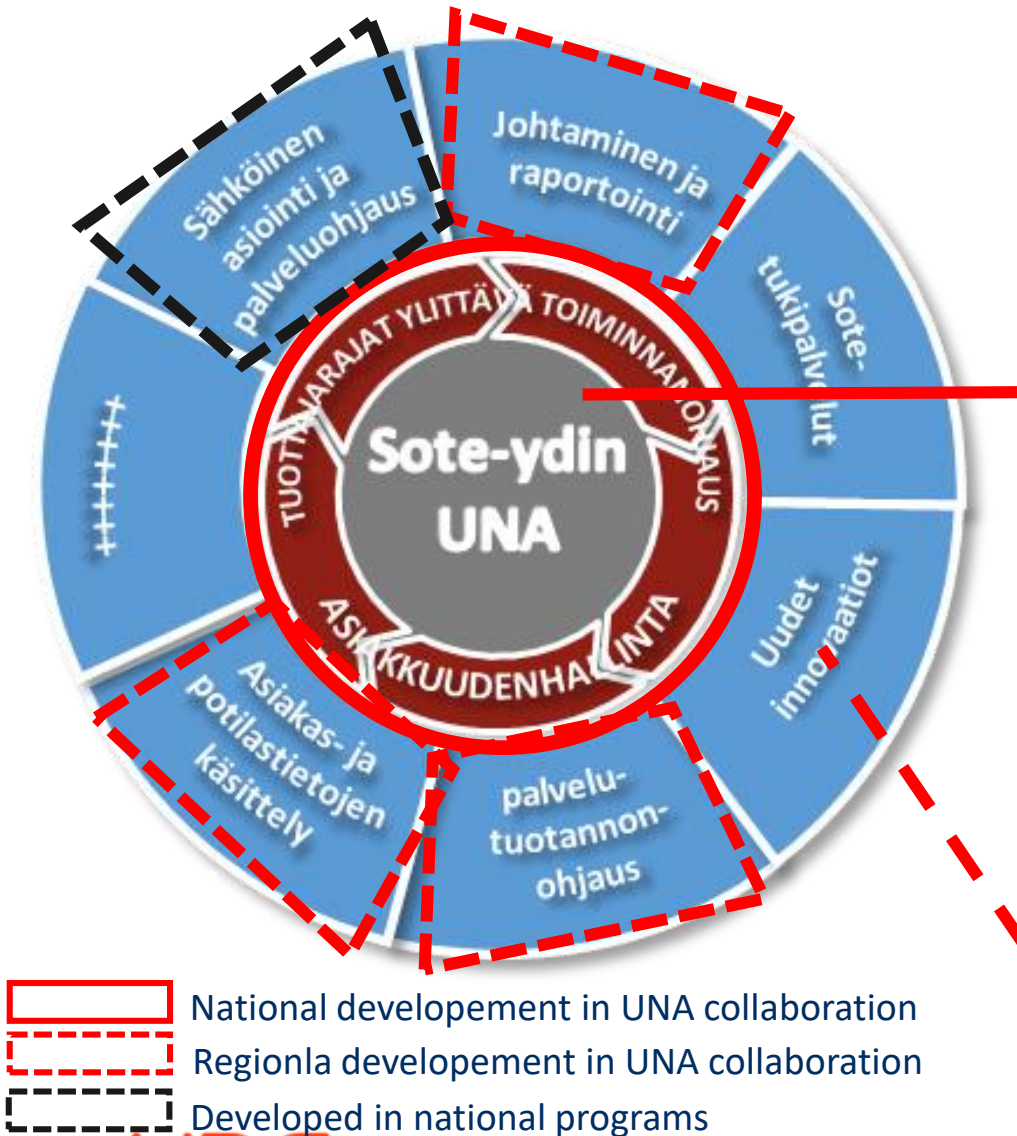
AGREEMENT ON DEVELOPEMENT

- Analysis and description of tendering, procurement and implementation models
- Agreement on co-operation and governance
- Aim to found a shared company for development i

X/16-

IMPLEMENTATION AND REALIZATION

- Establishment and recruiting the program office and staff
- Establishing the governance structure
- Defining the core elements of the future ecosystem
- Stepwise development, procurement and implementation of the core system
- Modular replacement of existing EMR systems and subsystems

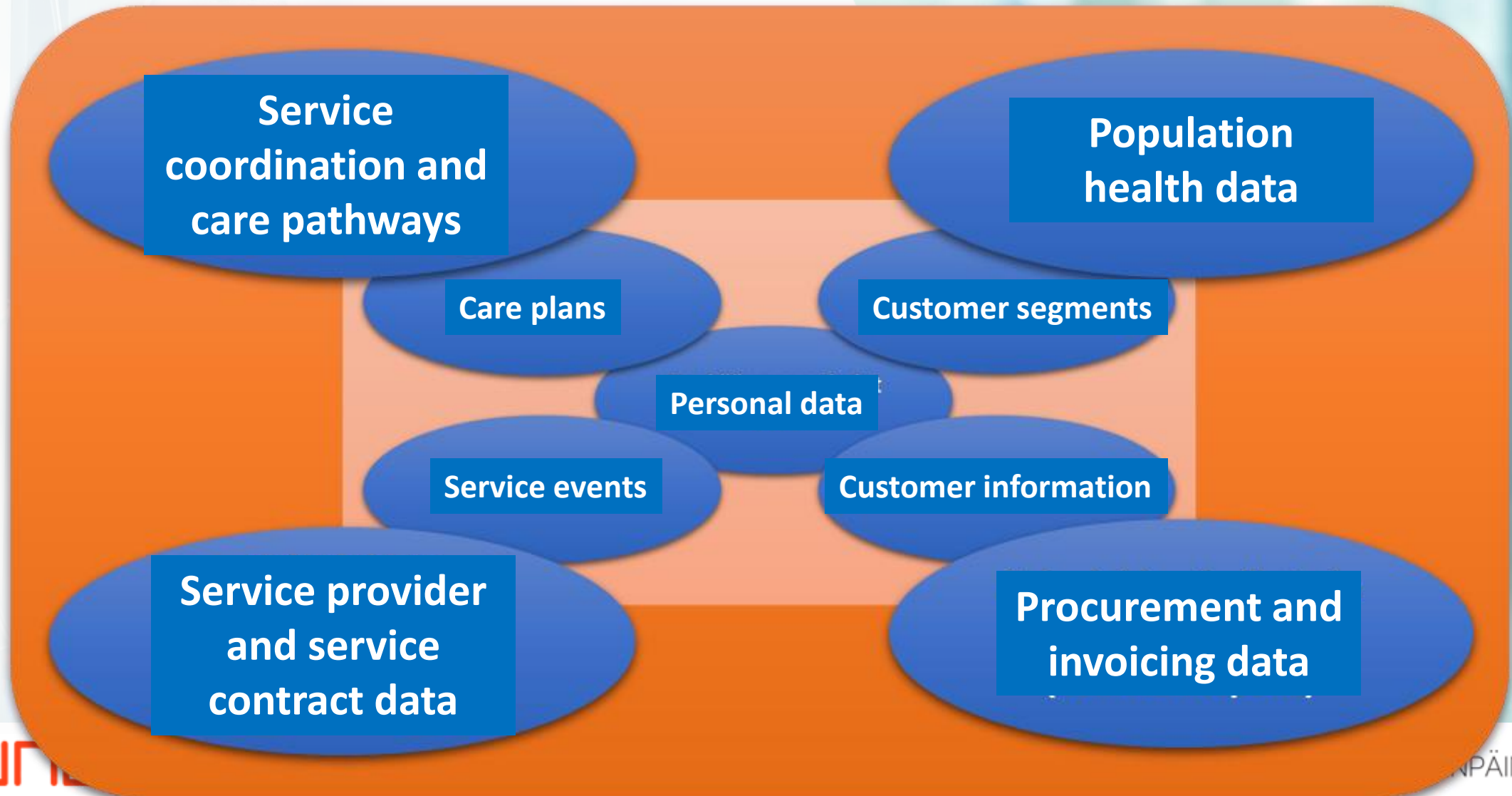# VISION:ECOSYSTEM BASED ON MODULAR ARCHITECTURE

CORE SYSTEM

- Customer relations management supports executing customer oriented care processes across multiple providers

- Supports steering of customer´s service packages and resource/service allocations

- Takes care of integration with national services and provides open interfaces for the ecosystem´s modular parts and user interfaces and provides the platform for interoperability.

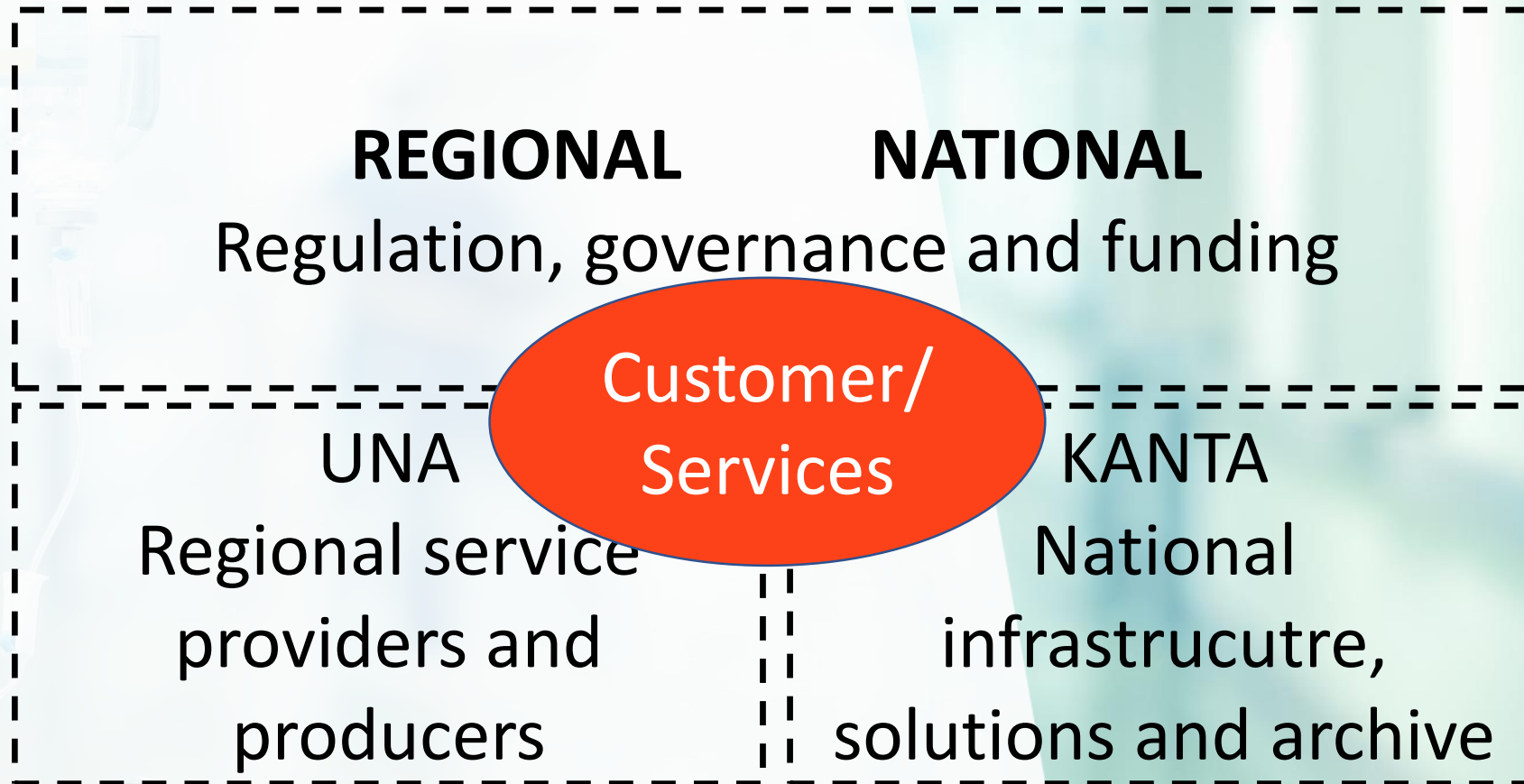- Information and data management solution supporting the interoperability

Solutions implemented in co-operation

- Regional modular interoperable solutions and provider´s modular solutions

- The architecture and developement model keeps up competition and promotes new innovations

National developement in UNA collaboration
Regionla developement in UNA collaboration
Developed in national programs

YHDESSÄ ETEENPÄIN

KEY FUNCTIONS OF THE UNA-CORE

POSITIONING OF UNA

REGIONAL   **NATIONAL**
Regulation, governance and funding

UNA
Regional service providers and producers

Customer/ Services

KANTA
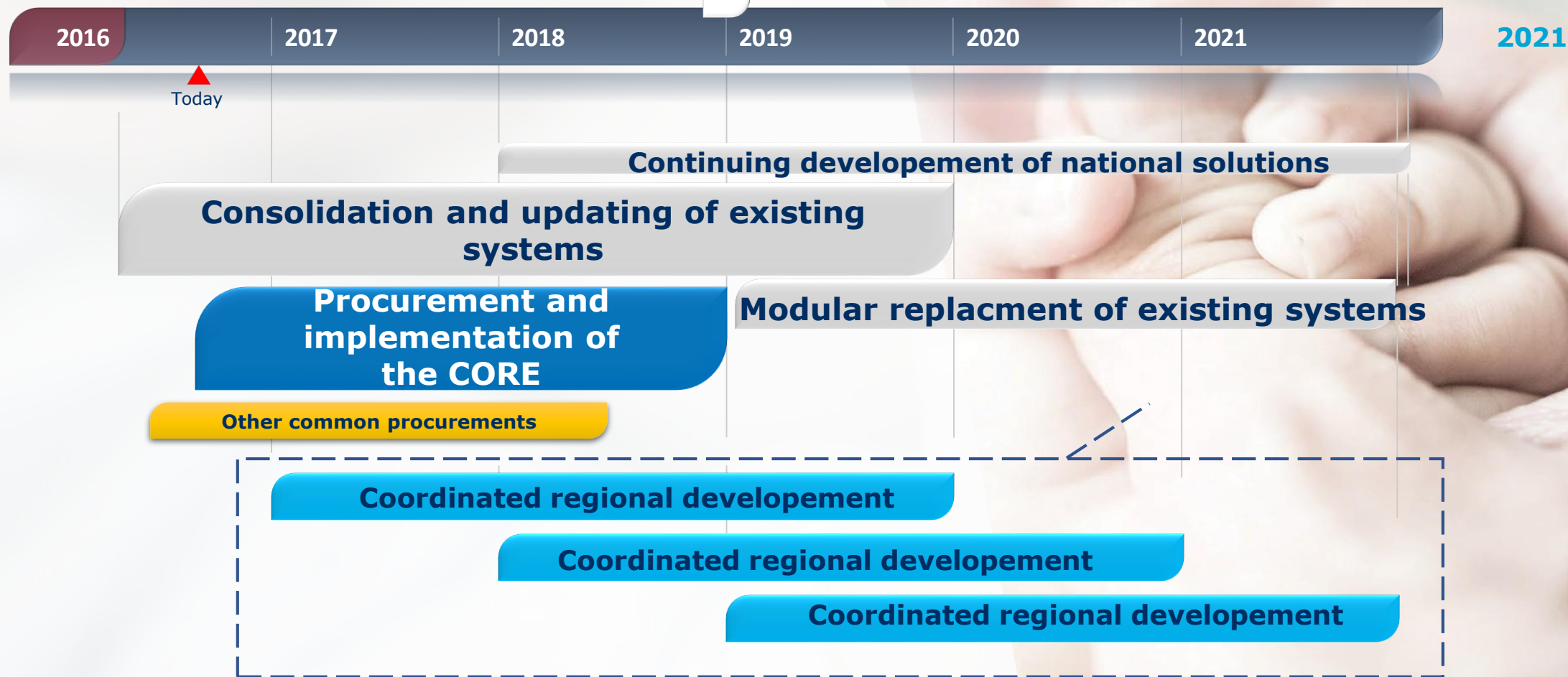National infrastrucutre, solutions and archive

DYNAMIC ENVIRONMENT

CO-OPERATION IS IMPERATIVE

Ongoing reform of regions and social&healthcare structures
Transformation and reform on national ICT service structures
Ongoing digital transformation projects (Citizen`s services,
Virtual Hospital, BIG Data and data lakes)
Utilization of national KANTA-archive.

IMPLEMENTATION OF SOCIAL AND HEALTH CARE REFORM

| 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | **2021** |

▲
Today

Continuing developement of national solutions

Consolidation and updating of existing systems

Procurement and implementation of the CORE

Modular replacment of existing systems

Other common procurements

Coordinated regional developement

Coordinated regional developement

Coordinated regional developement

UNA - TOGETHER

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