

DIGITALIZATION in HEALTHCARE

INTELLIGENT PATHWAYS



Michèle Thonnet

European eHealth Committee member
Chair 'global positioning & cooperation' TF

eHealth European & International Executive



Liberté • Égalité • Fraternité
RÉPUBLIQUE FRANÇAISE

MINISTÈRE
DES SOLIDARITÉS
ET DE LA SANTÉ

Digitalisation Healthcare :

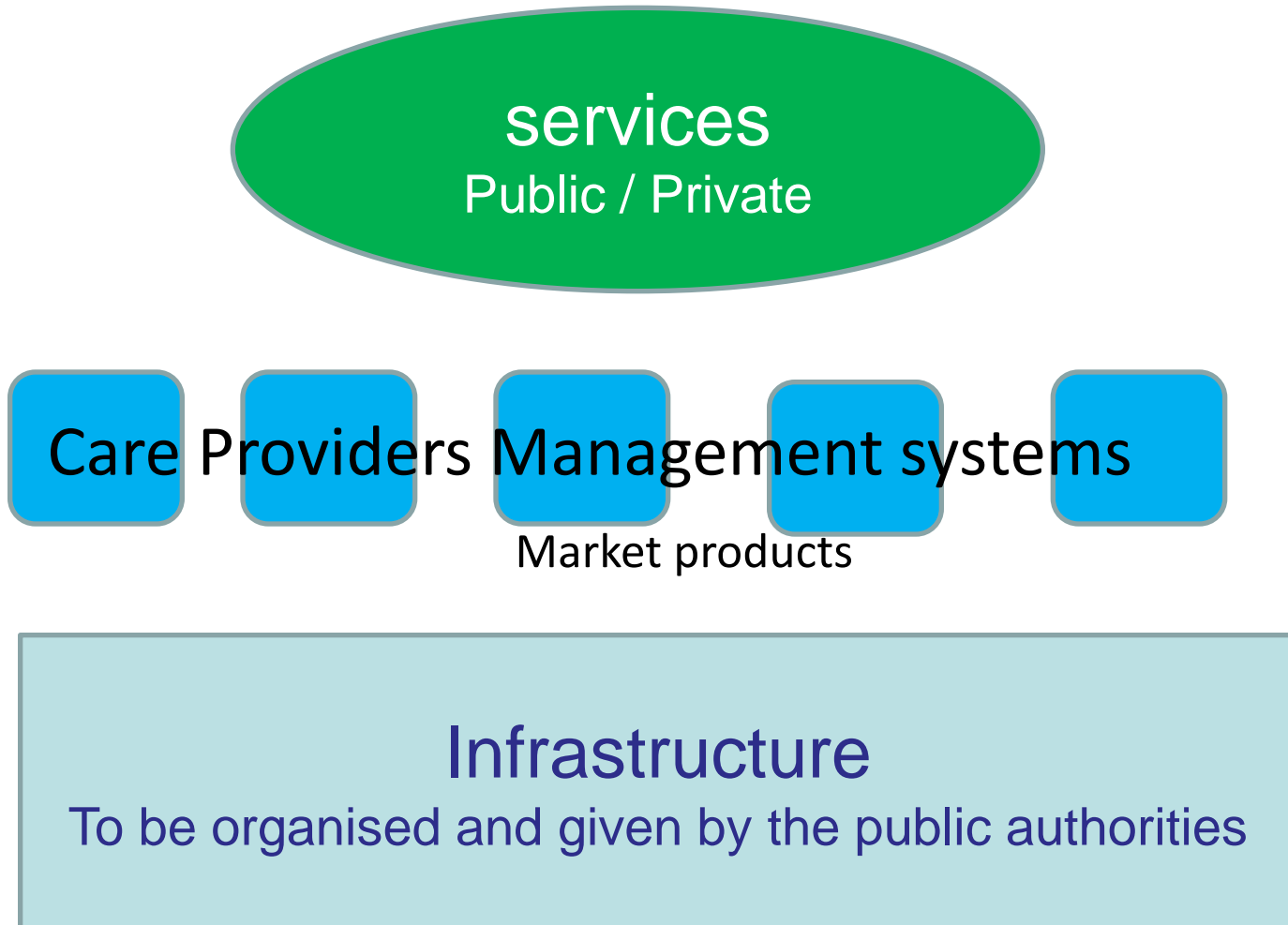
A national Strategy

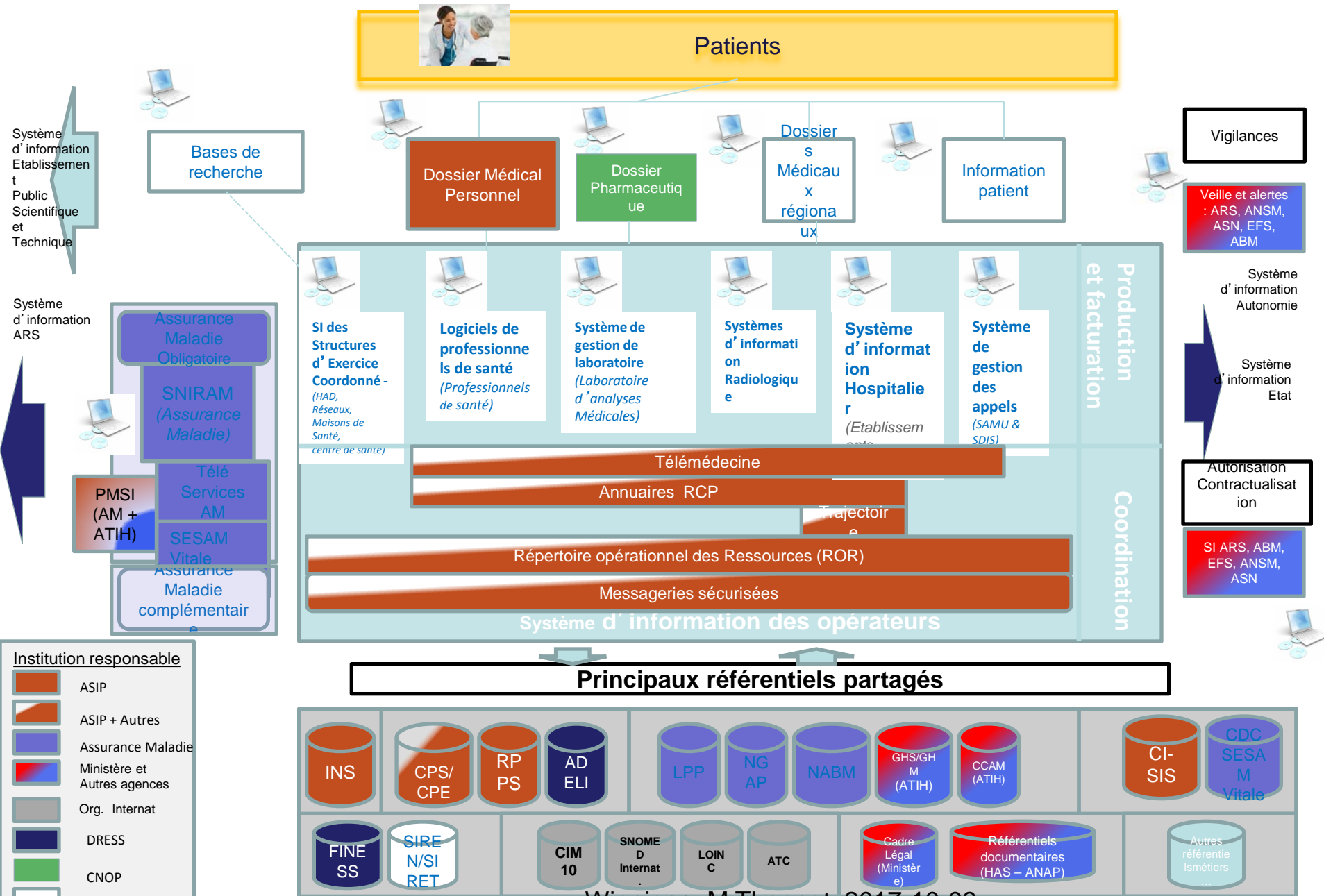
- Strategy :
 - Goal
 - Clear objectives
 - Long term vision
 - Visibility
 - Consensus building
- (e)Health

Pre requisites

- Health ... strategy
- Based upon Health demand
- Build upon individual and population ...
Needs, Wishes, Speed and Mobility
- Capitalising (suffering ?) on the existing ecosystem
- Open to innovation and new business model

IS overview





eHealth strategy elaboration method

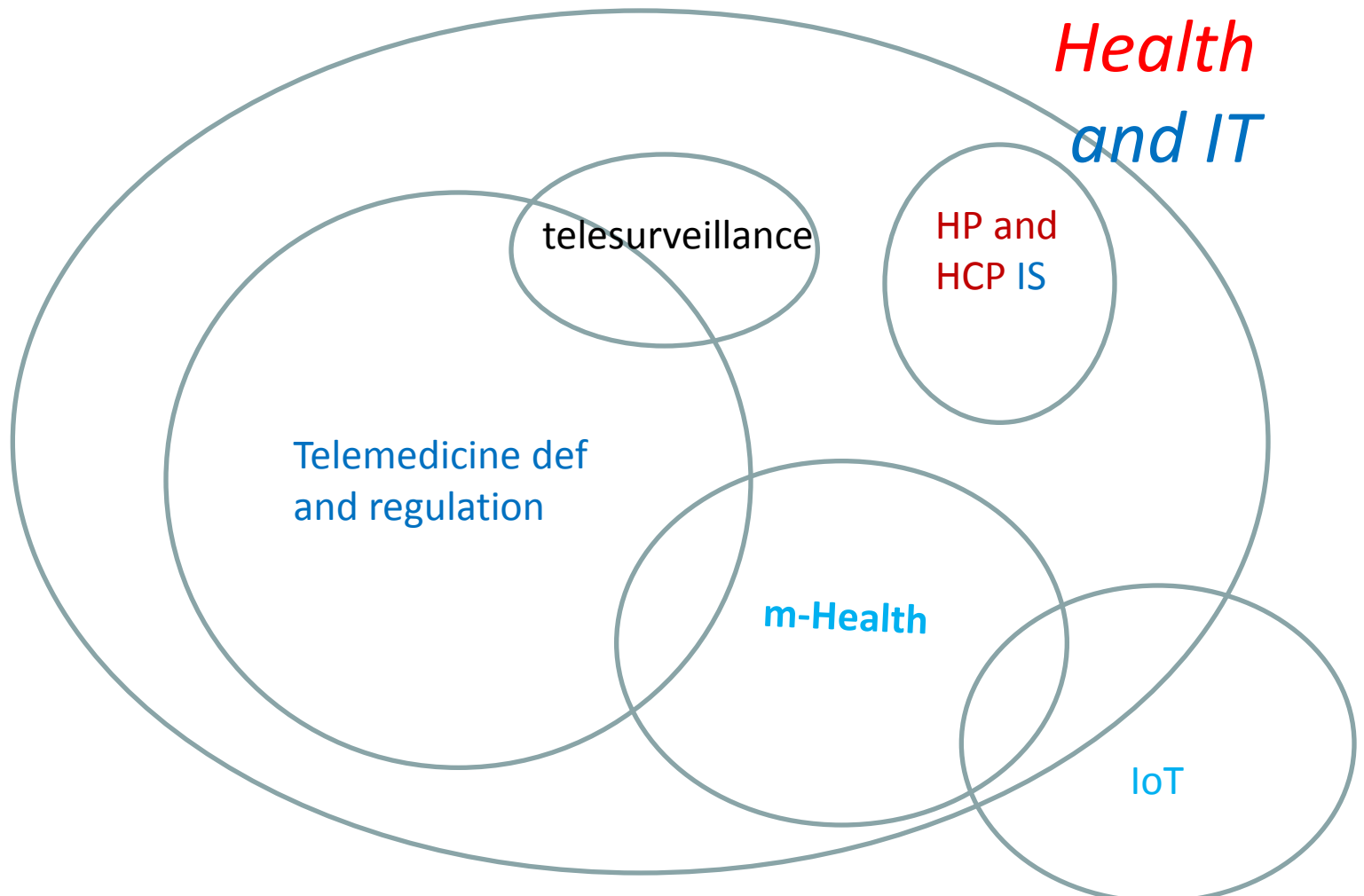
- **Beyond patients and HPs**
 - Legal, policy, authorities (multisector)
 - HC organizations, HP chambers
 - Industry
 - Citizens, Family
- **Co-creation** / co-construction based on agreed Health objectives
- Versioning, iterations

eHealth as an enabler for HEALTH

- Health strategy :
 - 01/2016 French new modernisation law of the Health care system
- eHealth (enabling elements) mandatory components of the law
 - ID, patient consent, personal data protection, right to forget, traceability, archiving,
 - Security and IOP certified FW, standards and interfaces
 - Clear responsible entities and implementation process and deadlines

What

*eHealth
Health
and IT*



France A new eHealth strategy for 2020

2 axis:

- Actions to serve the Health policy

Patients, HP, management of the system

- Create a positive environment for the eHealth deployment

Open initiative and co construction



Citizen centric system for the individual

- Facilitate care access through telemedicine
- Simplify administrative procedures
- Facilitate information access for, by the patient
- Better informed on Health and care services
- Increase awareness and ease the follow up of own personal indicators
 - telesurveillance
 - *Robust process on mobile health apps usage*



eHealth for individual and for the population

- Promote collective vision and sharing requirements
- Involve and empower citizens for improving the Health organisation
- Push the digital use by patients and HPs



eHealth for the benefit of HPs

- Develop digital curricula, training course, MOOC
- Reinforce consistency and visibility of the innovation programs
- Support the DSS development and integration
- **Ease the co construction process of digital integrated solutions**

Create a positive environment for the economic actors

- Clarify the roles at national and regional levels
- Establish and publish clear priorities
 - Business model, innovation, change management
- Give visibility to the industry and STH
- Deploy a national IOP FW allowing open innovation



Modernise the piloting instruments

- Speed the development process of assessment methods adapted to multi technological solutions
- Digital supporting low level signs for better vigilance
- Big Data for health
- Governance model

eHealth strategic committee



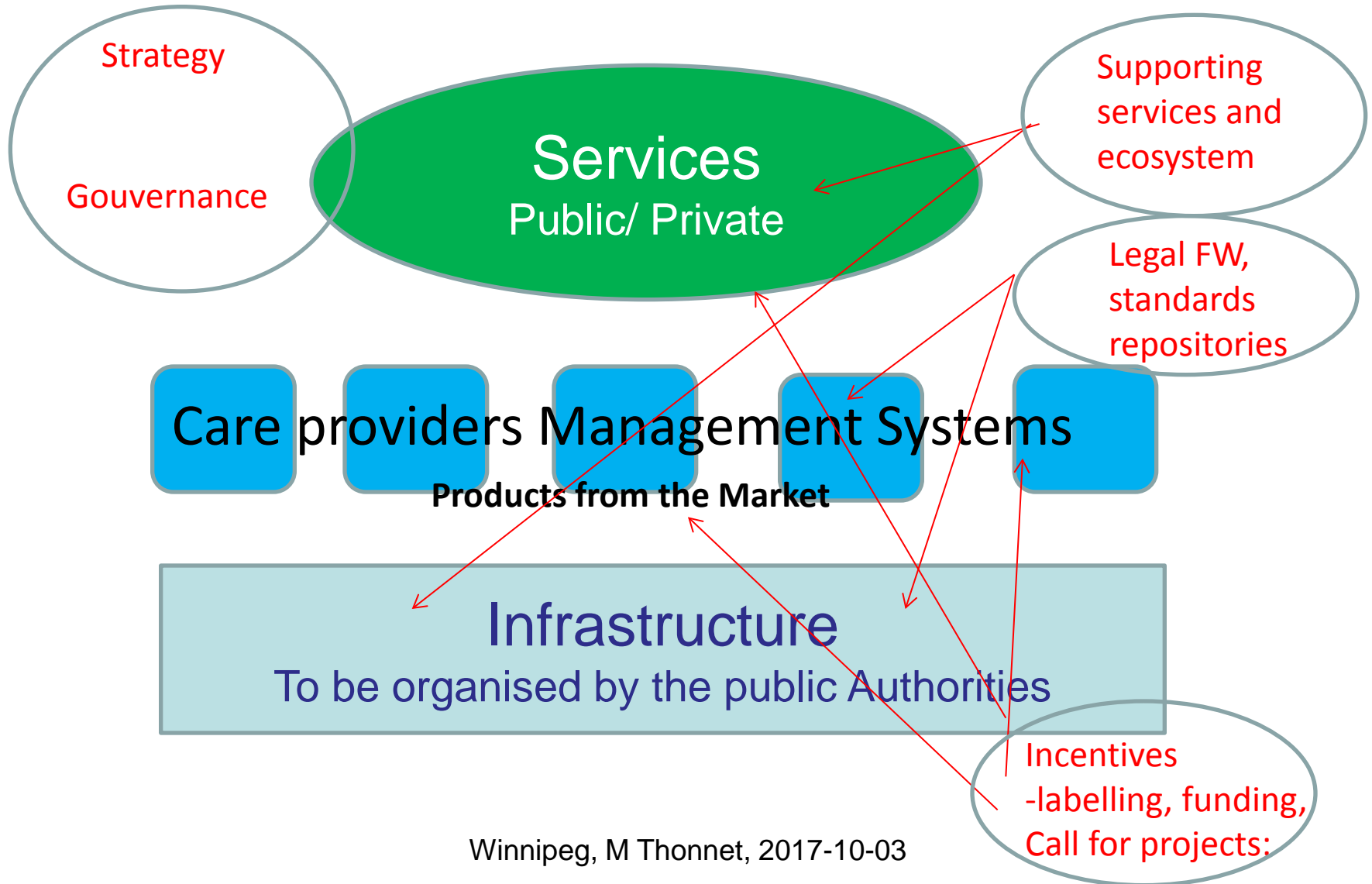
The national Framework

- Legal FW : exchanging and sharing personal info.
Patients rights

- Repositories, processes: HCPs/PS/Patients

- Toward a consistent requirements FW standards based, in line with EU and international ones
 - urbanisation
 - security and confidentiality (PGSSI)
 - IOP

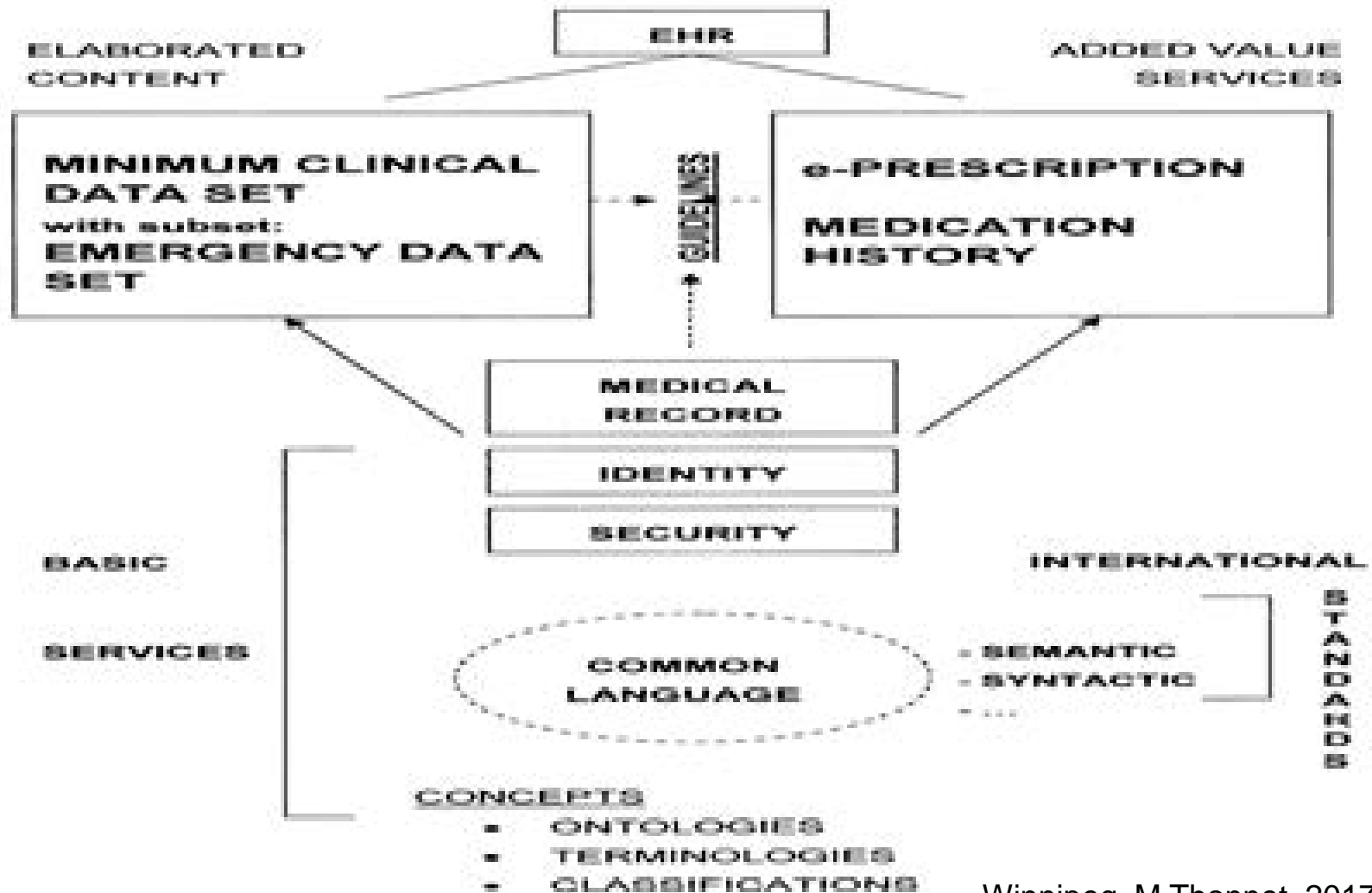
Where and how to act



The European dimension

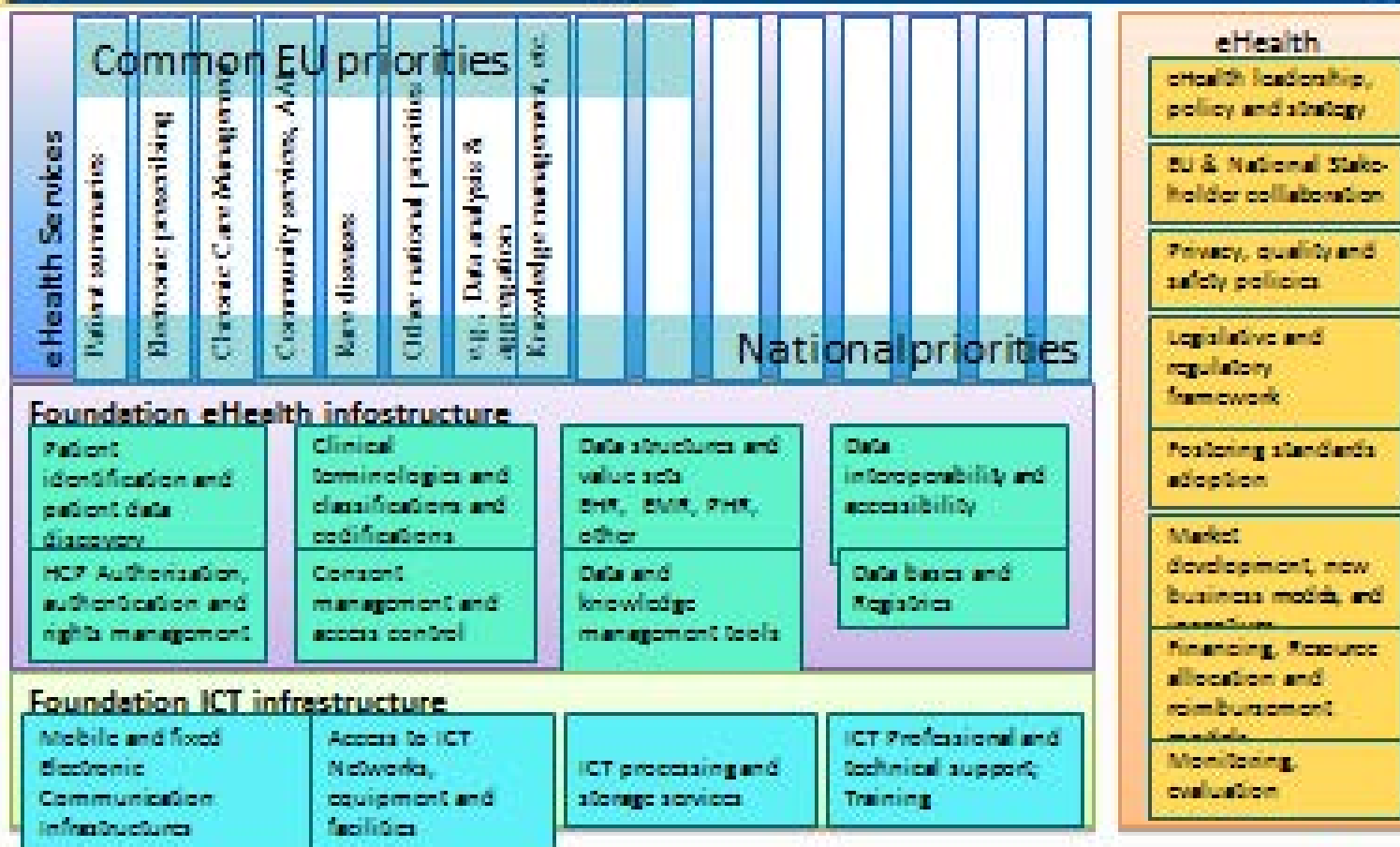
- Facilitate the free movement of citizens
 - Patients & HPs
- Increase IOP, security & confidentiality
 - Data & e-Services
- Build upon the EU legislation
 - [DIR 2011/24/EU](#) and beyond

eHR Modelling: an input for collaboration (2007)



Adoption of a common working model

Sustainable Healthcare Sharing Information and Knowledge for Better Health



eHealth Network Overall Governance

D
E
C
I
S
I
O
N

M
A
K
I
N
G

eHealth Network of MS
Art 14 Directive on Patients Rights
(permanent)

E-
S
E
N
S

C
E
F

P
R
O
D
U
C
T
I
O
N

**eHealth Governance Initiative
(2011-2014)**

EPSOS project
(Patient summary)

STORK project
(e Identification)

CALLIOPE Network
(Interoperability Roadmap)

Semantic Health Net

EIF study on
Interoperability

Joint Action on
Patients
Registries

The European dimension

***From art 168 TFEU to
European official e-Health Committee :***

eHealth Network ; 2 meetings/year

Voluntary representative of the M.S (28 MoH)

Agreement on

common priorities

global cooperation

standardisation

MWP : 2015-2018

4 main axis (JAseHN)

IOP & standardisation

Exchange of K

Monitoring & assessment of implementation

Global cooperation & positioning

Main outcomes:

PS & eP guidelines

Policy framework

NCPeH : CEF 2015

International Cooperation : IPS (CEN/ISO)

New MWP 2018-2021(1)

Empowering people

mHealth & apps reliability

Patient access & use of data

Telehealth

Innovative use of health data

Big data and innovative (re) use

Common vision

Governance & Methodology

New MWP 2018-2021 (2)

Enhancing continuity of care

CB-eHDSI : use cases

Legal challenges

Overcoming Implementation Challenges

IOP

Data protection & Security

Impact/Evaluation

Collaborative evolving process

Political priorities



Stakeholder priorities

Next stop Malta, May
2017

Agreement and
validation of the MWP
priority + proposals
by the MoH

*Reaching agreements through continuous bench-
learning loop across concerned actors*

Thank you for your time

Michele.thonnet@sg.social.gouv.fr

Winnipeg, 2017-10-03