

**IHE**<sup>®</sup>  
EUROPE

**EXPERIENCE**  
SESSIONS  
15-17 JUNE 2021



## Vision of the future of healthcare

COCIR, Digital Health Director

# Vision of the future of healthcare

COCIR is a European non-profit trade association representing the health technology industry in Europe, covering 4 key industry sectors:

**Medical Imaging | Radiotherapy | Health ICT | Electromedical**

## VALUE IN HEALTH

Making healthcare systems financially sustainable demands a shift to a value based approach. To provide genuine value based care requires patient-centric approaches using integrated care pathways. It works by measuring both cost of intervention and quality of outcomes.

## DIGITAL HEALTH

COCIR members develop innovative Digital Health solutions that have the potential to increase access to healthcare, improve the quality and safety of healthcare products and services while driving cost efficiency.

# Vision of the future of healthcare

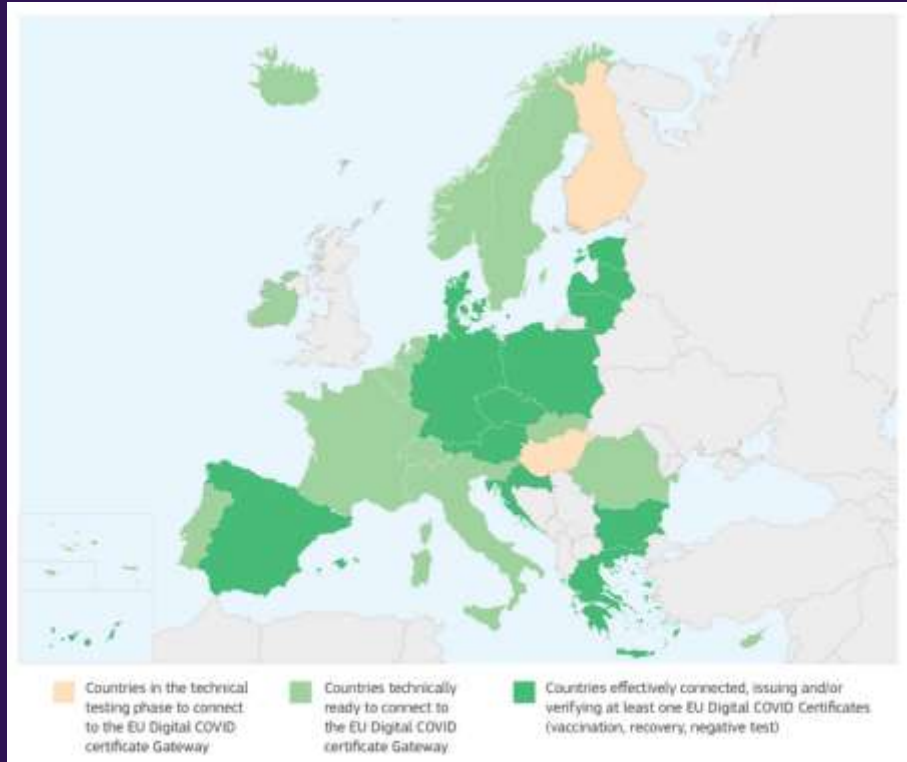


**An interoperability miracle**

- **This is Gordon**
- **Gordon sits on an island**
- **Gordon wants to communicate with the world**
- **Gordon puts a message in a bottle**
- **Gordon throws it into the sea**

**You won't believe  
what happens next**

# Vision of the future of healthcare



**An interoperability miracle ?**

- **This is Europe**
- **Europe has 27 Member States**
- **Europe wants to make health data available**
  - **For provision of care**
  - **For research and other purposes**

**You won't believe  
how difficult it is**

## Digital transformation of health and care

- Citizen's secure access to and sharing of health data across borders
- Better to advance research, disease prevention and personalised health and care
- Digital tools for citizen empowerment and person-centred care

Interoperability key barrier or enabler?

What is the business case for interoperability?

How will interoperability evolve as the ecosystem changes?

# Vision of the future of healthcare

## European Health Data Space

- Strong coordinated effort needed
- Multistakeholder approach
- Synchronisation



No cross-border interoperability without intra-border interoperability

EHDS1



EHDS2



# Vision of the future of healthcare

## Interoperability for effective mHealth deployment

Standards-based interoperability is essential for deploying mHealth to have maximum effect

### COLLABORATION



### SPECIFICATION



### EDUCATION



### IDENTIFICATION



### SEVEN STEP APPROACH

1. Identify use cases
2. Select profiles and standards
3. Refine data content
4. Write the interoperability specifications
5. Organise testing
6. Educate end-users on interoperability
7. Organise the interoperability governance



**INCLUDING**  
examples of concrete  
mHealth use cases  
through IHE profiles

## Assessing FHIR



### Interoperability out-of-the-box

- **Limited standardisation**
- **Need for customisation**
- **Implementation in workflows**



- **Strong foundations**
- **Government uptake**
- **Entry into the market**

**BUILDING AWARENESS**  
**COLLABORATION**  
**GOVERNANCE**



**USE CASE APPROACH**  
**IGs and PROFILING**  
**DIMENSIONS**

**Coming soon**

(June 2021)



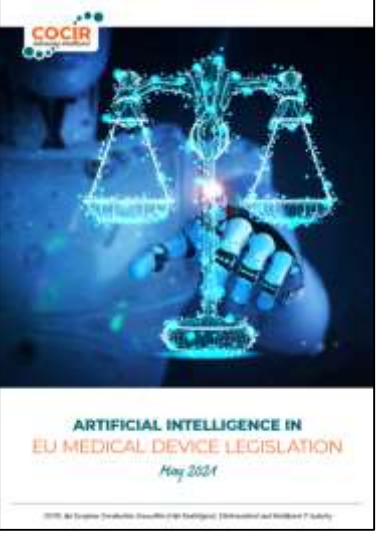
# THANK YOU !



Follow us  
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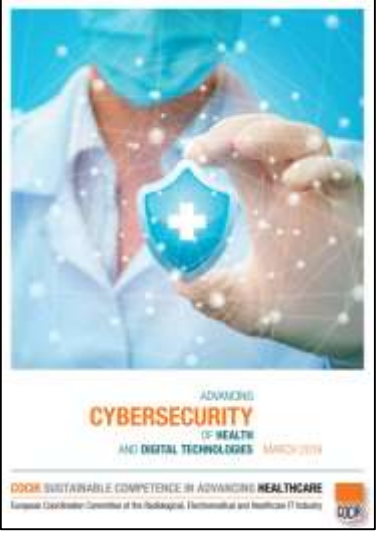
/ 2020



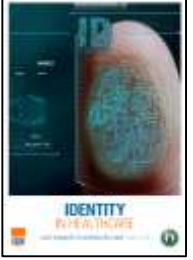
Publication of AI Use Cases



/ 2019



/ 2018 - 2017



/ 2016



**COCIR publications on digital health topics - [www.cocir.org](http://www.cocir.org)**