Interoperability standards in digital health

A white paper from the medical technology industry - Launch event

A COCIR / MedTech Europe Webinar
Monday, 18 October 2021, 16.00-17.00 CEST

Welcome

Danny Van Roijen, Digital Health Director, COCIR
Michael Strübin, Director Digital Health, MedTech Europe

Practicalities

All attendees are asked to mute themselves.

To comment or ask questions during the presentations, please use the chat.

Before and during Q&A please ask your questions using the chat or "raise your hand" feature.

The session will be recorded.

The recording and slide deck will be made available to you.

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Advancing Healthcare

MedTech Europe
from diagnosis to cure

Agenda

Time	Topic	Speakers
16:00	**Welcome**	• Danny Van Roijen, *COCIR* • Michael Strübin, *MedTech Europe*
16:10	**The White Paper: key content and intent**	• Paul Coebergh van den Braak, *MTE Chair Interoperability WG, Philips*
16:25	**Panel of stakeholders**	• Ceri Thompson, *Deputy Head of eHealth, WellBeing & Ageing Unit (H.3), DG Connect, European Commission* • Ron Roozendaal, *eHealth Network co-chair and CIO, Dutch Ministry of Health* • Amit Trivedi, *Director – Informatics & Health IT Standards, HIMSS* • Sabine Dörhöfer, *MTE Vice Chair Interoperability WG, Roche* • *Andreas Klingler, COCIR EHR & Interoperability FG Chair, Siemens Healthineers*
16.45	**Q&A**	
16:55	**Closing & thank you**	

The medical technology industry in Europe

€ 115
billion market

675,000+
employees

50,000+
In vitro diagnostic tests

500,000+
Medical devices

27,000+
Companies of which
95% are SMEs

#1
In filing patent applications **12%** more than computer technology industries and **double** the pharmaceutical industry

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The White Paper:
Key content and intent
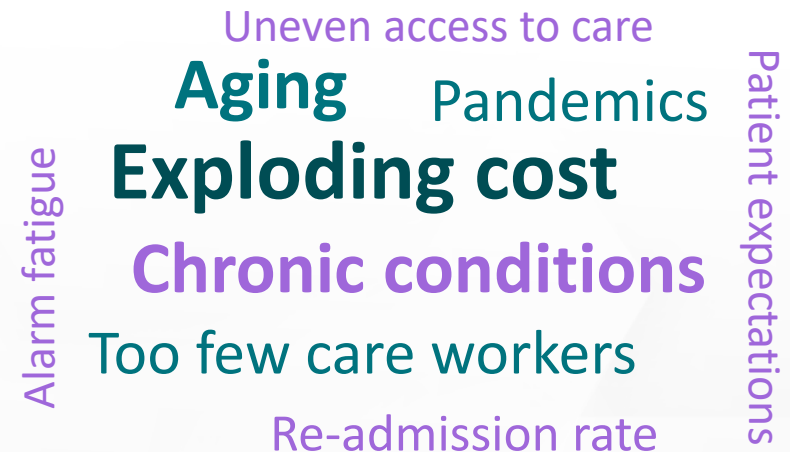
Paul Coebergh van den Braak
Chair, MedTech Europe Interoperability WG
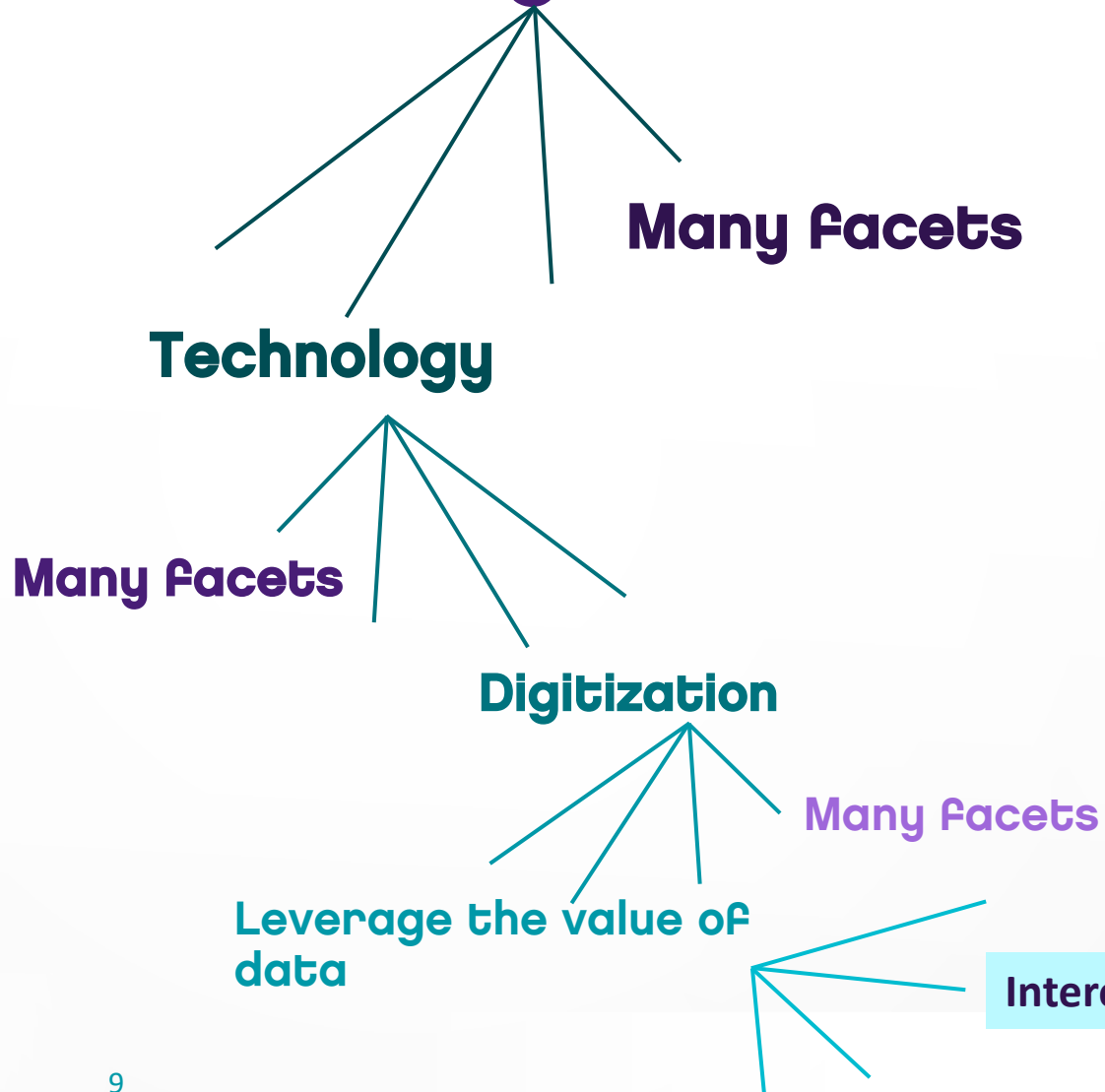*Standardization Manager, Intellectual Property & Standards, Philips*

Quadruple aim for healthcare

- Better clinical outcomes
- Better patient experience
- Better care giver experience
- Lower cost

Uneven access to care

Aging   Pandemics

Alarm fatigue

Exploding cost

Chronic conditions

Too few care workers

Patient expectations

Re-admission rate

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Meaningful innovation holds a promise

Many Facets

Technology

Many Facets

Digitization

Many Facets

Leverage the value of data

Interoperability as a key enabler
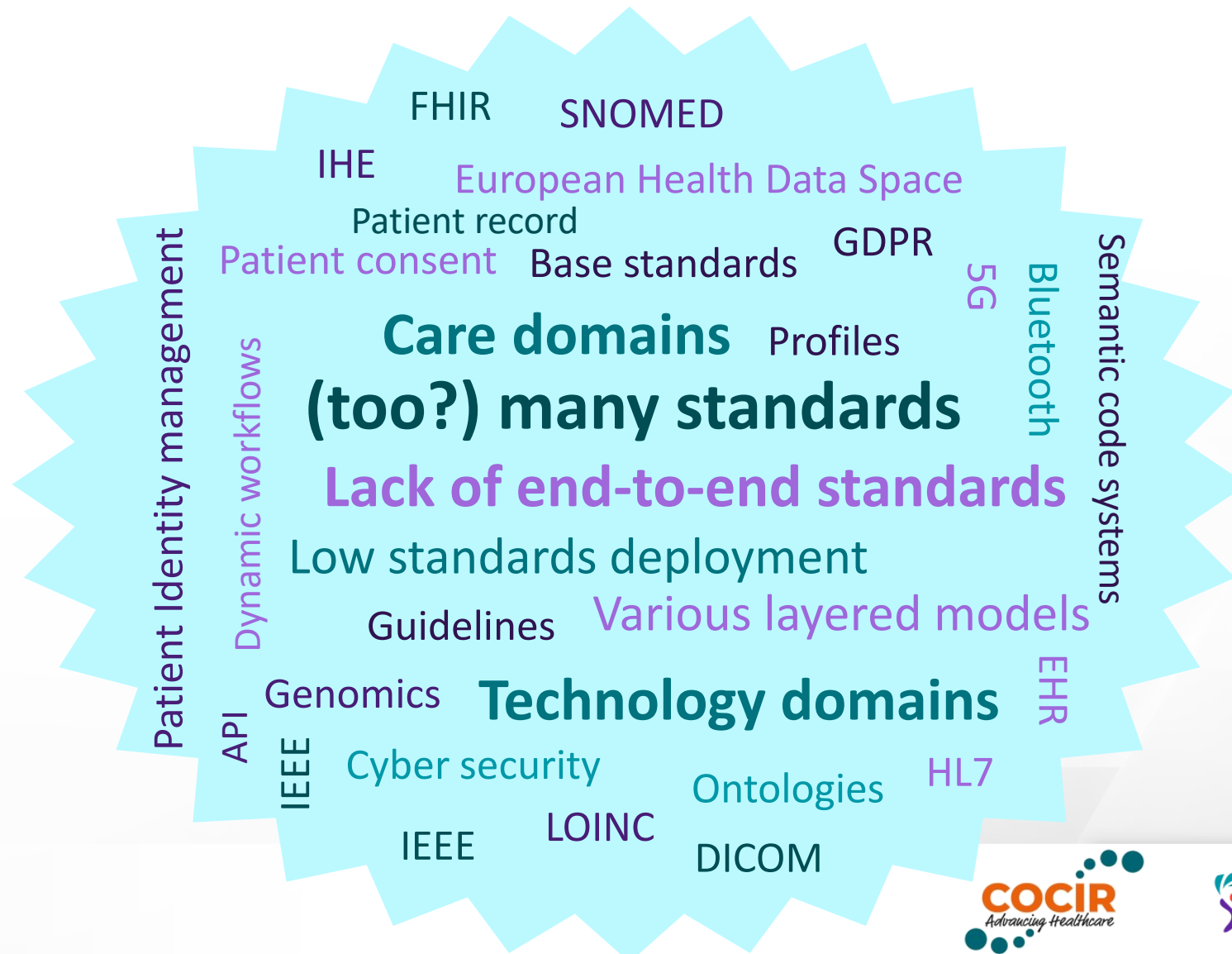
HIT, medical Devices

Can it help to get...

- Better clinical decisions
  - Diagnosis
  - Therapy plan
- Better clinical execution
  - Accuracy
  - Compliance
  - Logging
  - Measuring outcomes
- Better operational execution
  - Efficiency
  - Timeliness
  - Continuous improvement
  - Asset utilization
  - ...

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We need better interoperability

Care providers need solutions to support caregiving

FHIR

SNOMED

IHE

European Health Data Space

Patient record

Patient consent   Base standards   GDPR

Patient Identity management

Dynamic workflows

Care domains   Profiles

5G   Bluetooth   Semantic code systems

(too?) many standards

Lack of end-to-end standards

Low standards deployment

Guidelines   Various layered models

EHR

Genomics   **Technology domains**

API

IEEE   Cyber security   Ontologies   HL7

IEEE   LOINC   DICOM

HIT and MD vendors Face scattered demand

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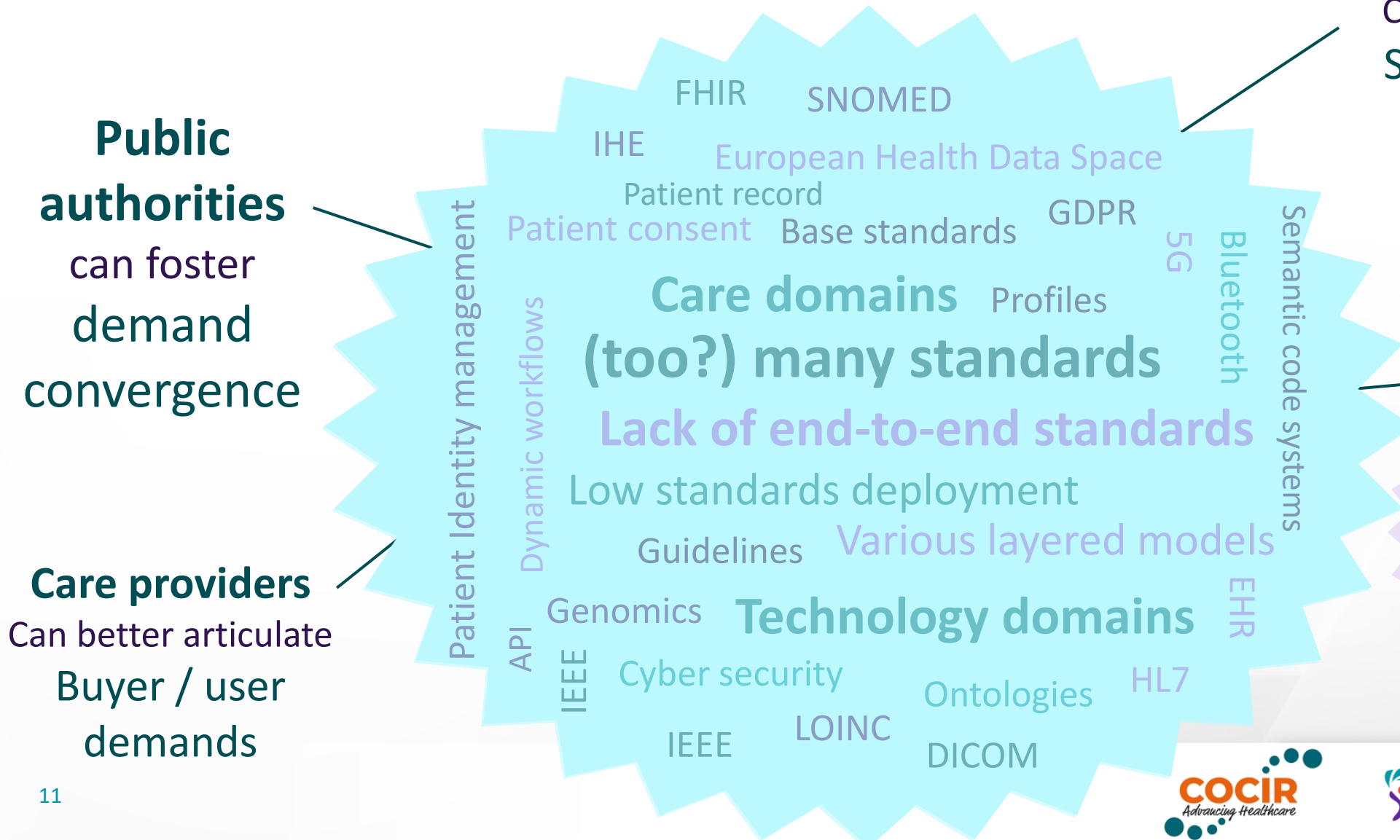from diagnosis to cure

Some things we can do about it

Standards setters
Can focus more on Solving the real problem

Public authorities
can foster demand convergence

Care providers
Can better articulate Buyer / user demands

Industry experts
Can foster better understanding

FHIR SNOMED
IHE European Health Data Space
Patient record
Patient consent Base standards GDPR
Patient Identity management
Dynamic workflows
Care domains Profiles
(too?) many standards
Lack of end-to-end standards
Low standards deployment
Guidelines Various layered models
5G Bluetooth Semantic code systems
API
Genomics Technology domains EHR
IEEE Cyber security Ontologies HL7
IEEE LOINC DICOM

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Download at the websites of

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For more questions please contact:

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