# WP-1 / 26th community of expertise
# Standards for Safe Medication Data

8 March 2024

Moderation:

Esther Peelen, NICTIZ
Zain Ishfaq, NICTIZ

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Horizon 2020 research and innovation programme under grant agreement No 875299

# SOME RULES FOR THE VIRTUAL MEETINGS

UNICOM

## Our interactive session:

- ✓**Everybody is on mute**
- ✓**Please post your question in the Q&A facility**
- ✓**Be concise when speaking**
- ✓**You may show your approval!**

Question / comment may be shared with Q&A

Participants invited to provide inputs via Mentimeter

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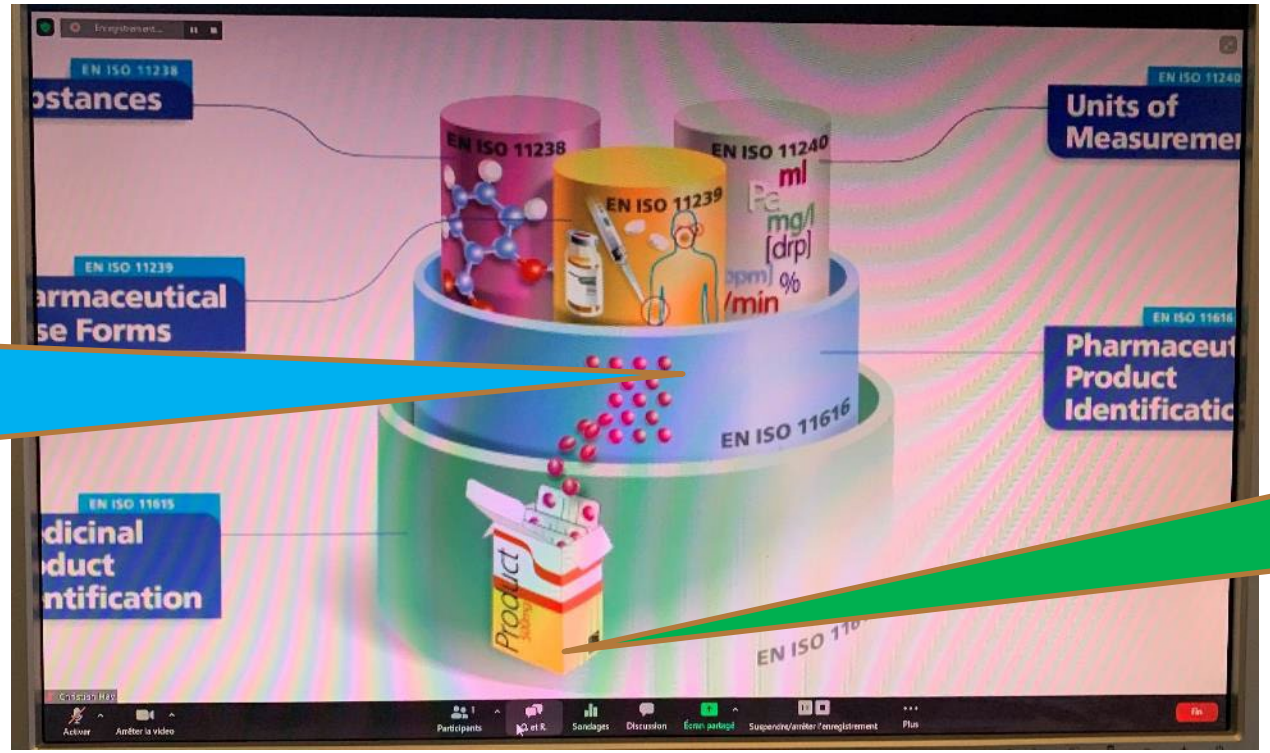
# Asking a question or making a comment: please use the Q&A facility

1. Move the mouse on the screen to have the options bar appearing




2. You then select «Q&A» and write your question

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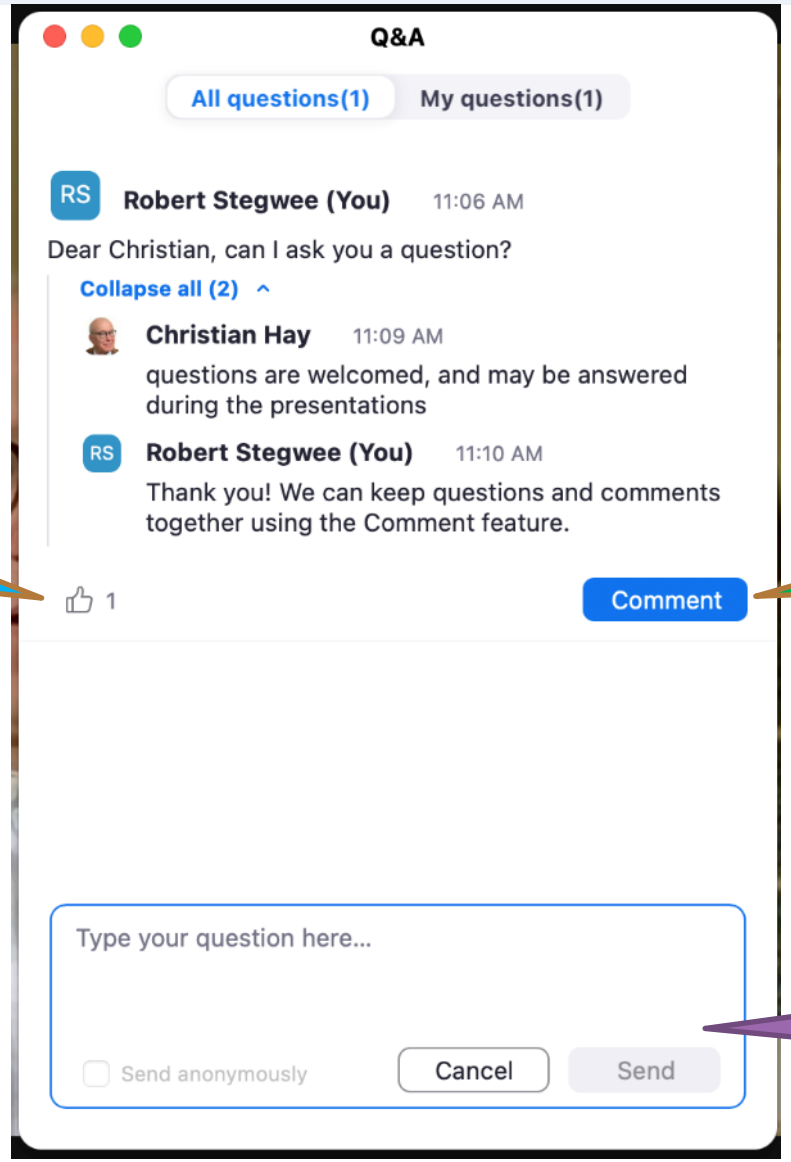
# Showing support and providing a comment on a question or answer

You can support a question by clicking the «thumbs up» which moves it up on the list for the presenters




You can comment on a question or answer to engage in a conversation

Typing and sending a new question does not retain the context of your comment

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# Security

- Security is our priority
- This session is password protected

Recording of this session is made available on UNICOM's youtube channel
https://https://www.youtube.com/c/UNICOM-IDMP

At the end of the virtual session, a questionnaire will be sent to the participants, to help us understand participant's reactions and needs

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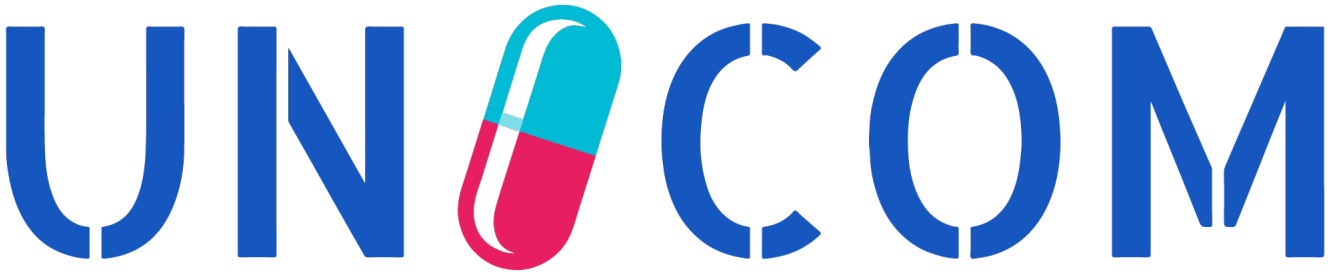

# Standards for Safe Medication Data

Community of Expertise, 8 March 2025, 15:00-16:30

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## Introductions to our esteemed colleagues and today's speakers…

Esther Peelen

Robert Stegwee

Christian Hay

Zain Ishfaq

## …and pannelist : you all !

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# The nature of WP 1 IDMP related standards and terminologies

# The nature of WP1 IDMP related standards and terminologies

- Work Package 1 is grouping Standards Development Organisations (SDO) and related organisations, which have a transversal impact on the UNICOM project


GS1 SNOMED International Leading healthcare terminology, worldwide MedDRA

HL7 Europe The European Institute For Innovation Thr~ugh Health Data Uppsala Monitoring Centre

IHE EUROPE edqm FHI Folkehelseinstituttet

- Our main task: to facilitate the implementation of IDMP Data Exchange
  - Nearly 100 different standards define, use or should use IDMP in data exchange
  - Liaising with all other WPs, to support their needs and provide inputs about standards

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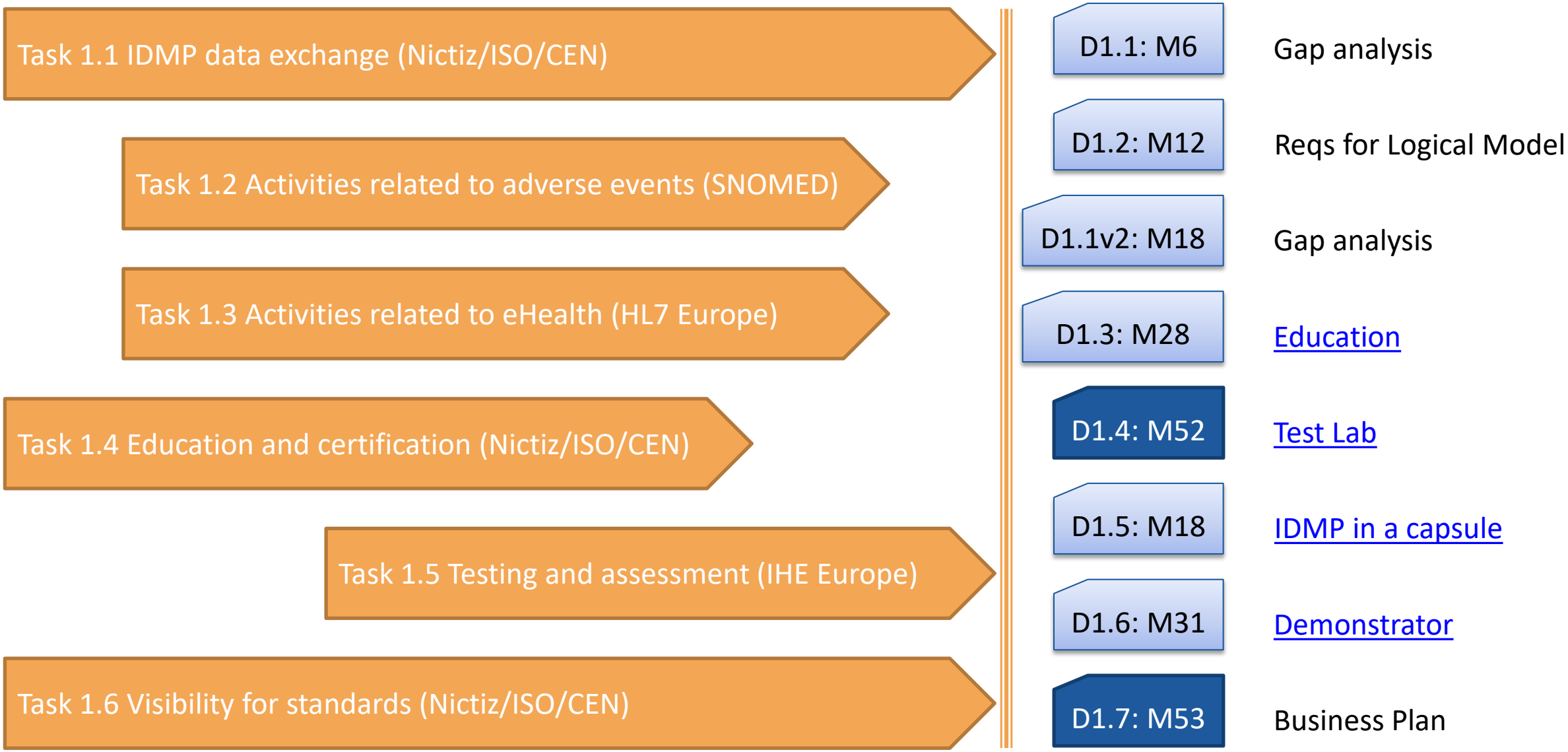
# Overview of tasks and deliverables in WP 1

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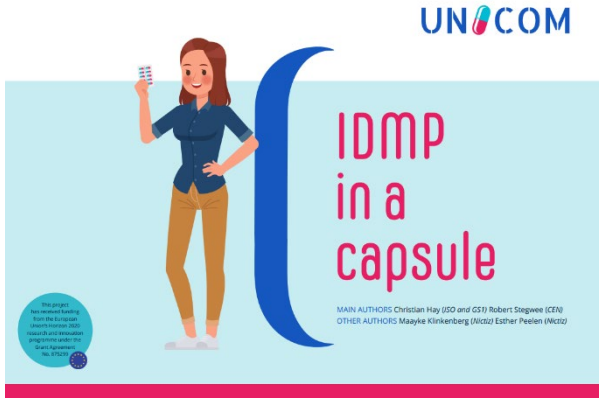
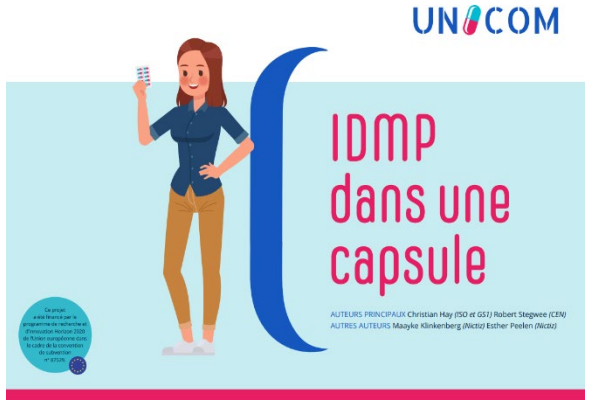
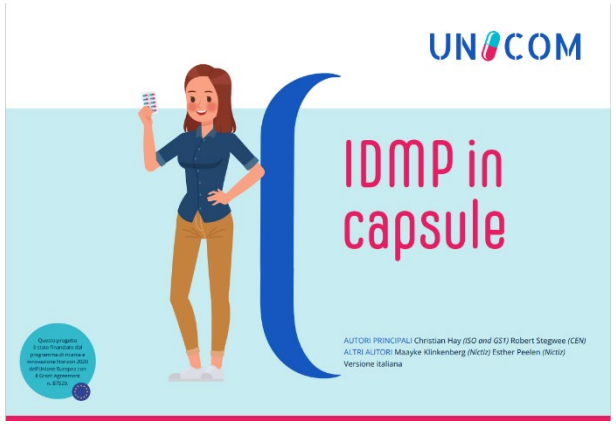
# IDMP in a capsule in multiple languages




English



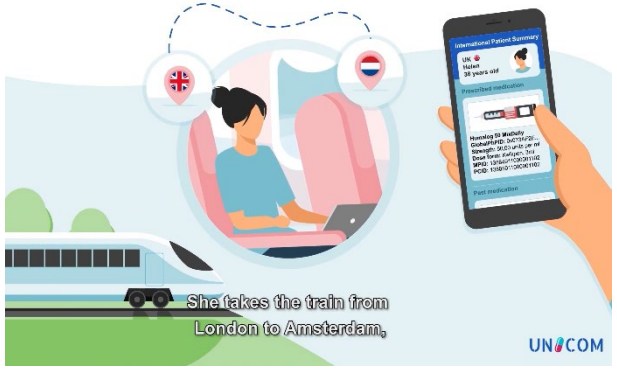

French




Italian


Greek


Spanish




Demonstrator

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# Our way of working in WP 1

- Everyone at the table
- Share knowledge and experience
- Identify gaps and work towards a resolution within the relevant SDO
- Align within UNICOM/Work Packages
- Implement resolutions in specifications and products across and beyond UNICOM
- Provide a forum for discussion and dissemination
  - IDMP in a  capsule,
  - Communities of Expertise
  - UNICOM demonstrator

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# The essential role of the Gap Analysis

- 2020 – before UNICOM kick-off, stakeholders revealed un-clarities and possible misunderstanding about IDMP standards and related terminologies
- Very first task for Work Package 1 to present a gap-analysis engaging all SDOs and Work Packages
- Objective of the Gap-Analysis
  - Document gaps as raised by stakeholders
  - Trigger SDO work to address the gaps
  - Document what SDOs have done in the course of the UNICOM project

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- Defining a methodology to collect gaps
- Adopting the five stages of Medicinal Product life cycle

*With simplicity in mind, the WP 1 team distinguishes five implementation domains:*


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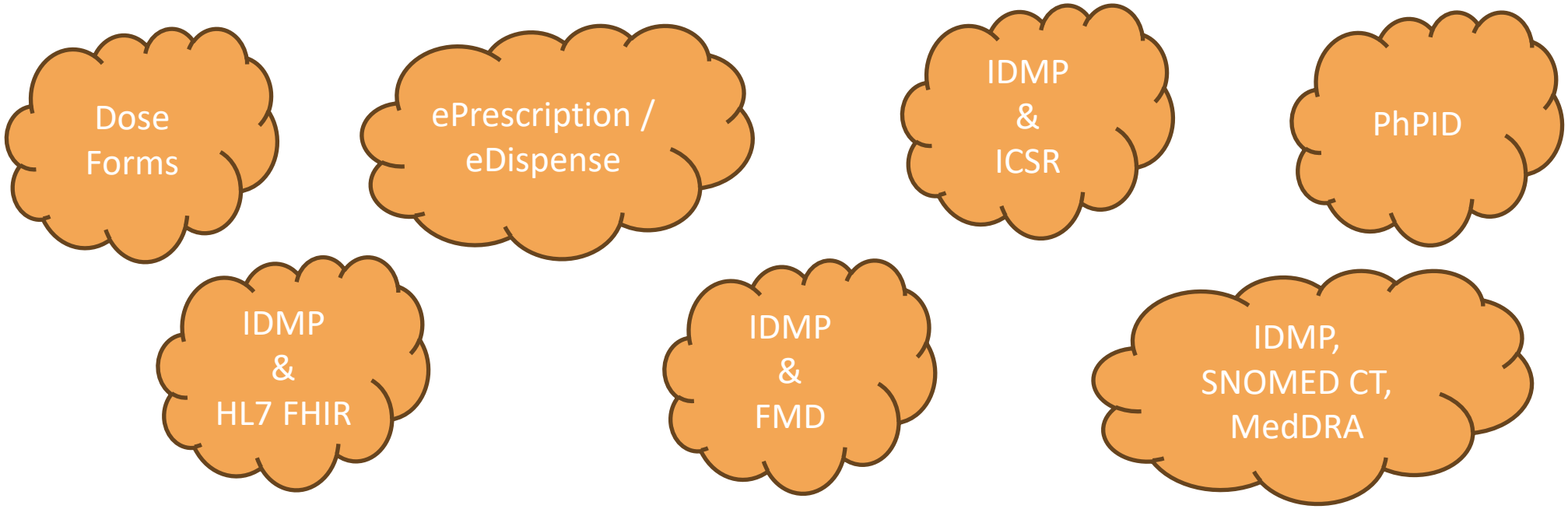
- Gap analysis was as well fed by a series of 7 virtual workshops (replacing a 3 days meeting cancelled due to COVID)

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The highlights of our achievements across the landscape

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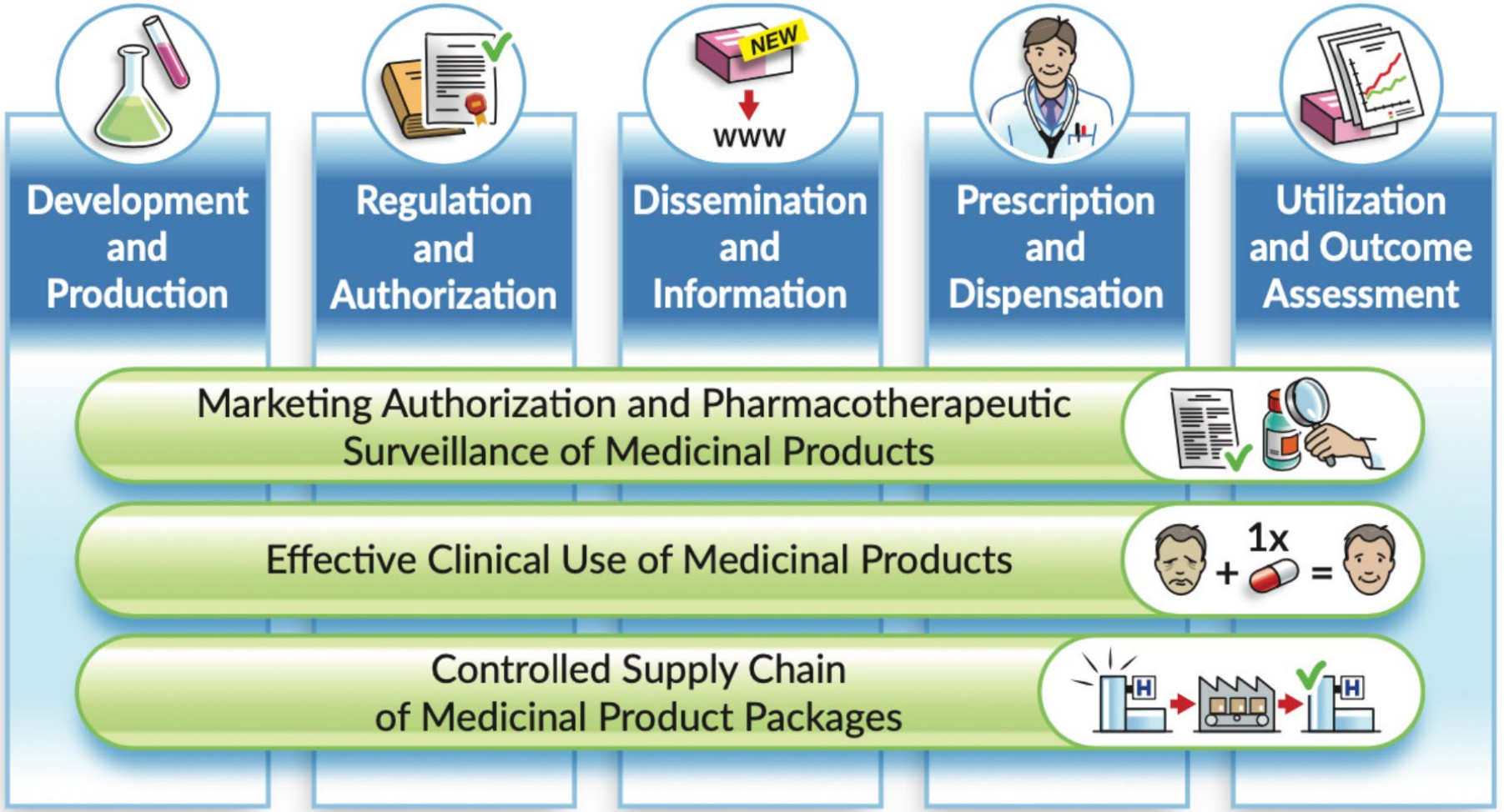
# The landscape extends the five implementation domains with three application fields

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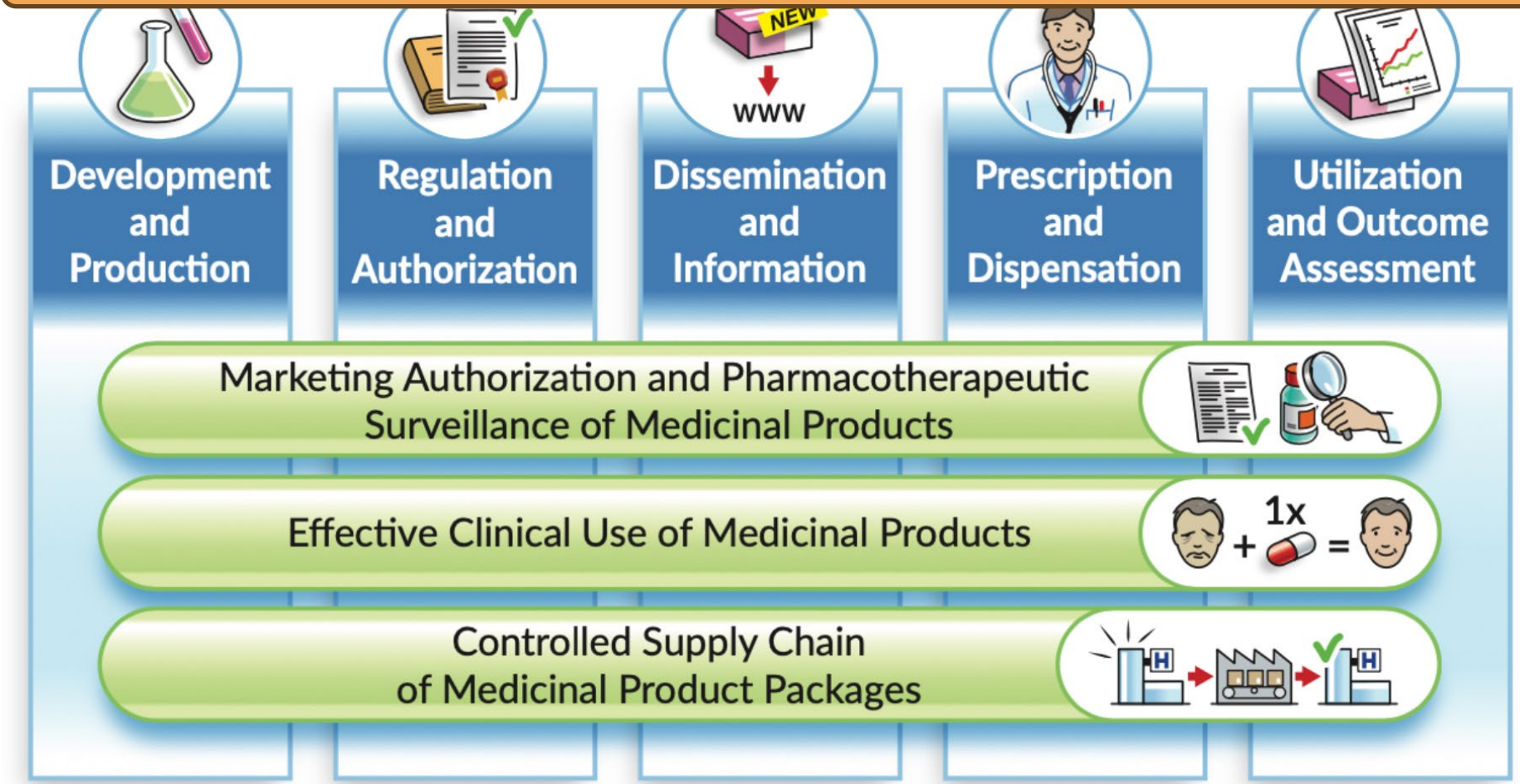
# Ensure that any medicine and what it contains can be identified across the landscape

## Substance, Dose Form, and Strength and the IDMP Logical Model

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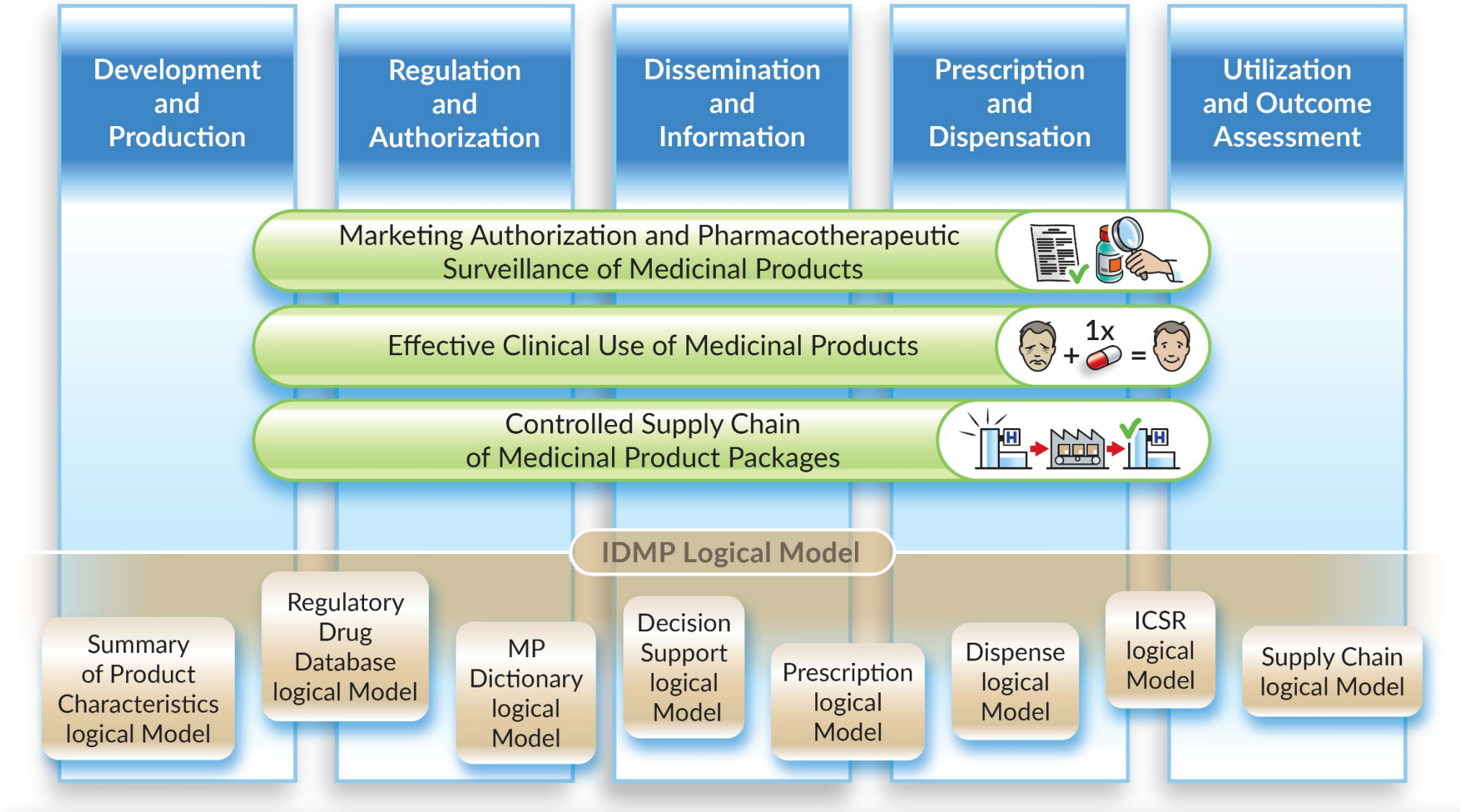
# Requirements for the IDMP logical model : links to more detailed logical models

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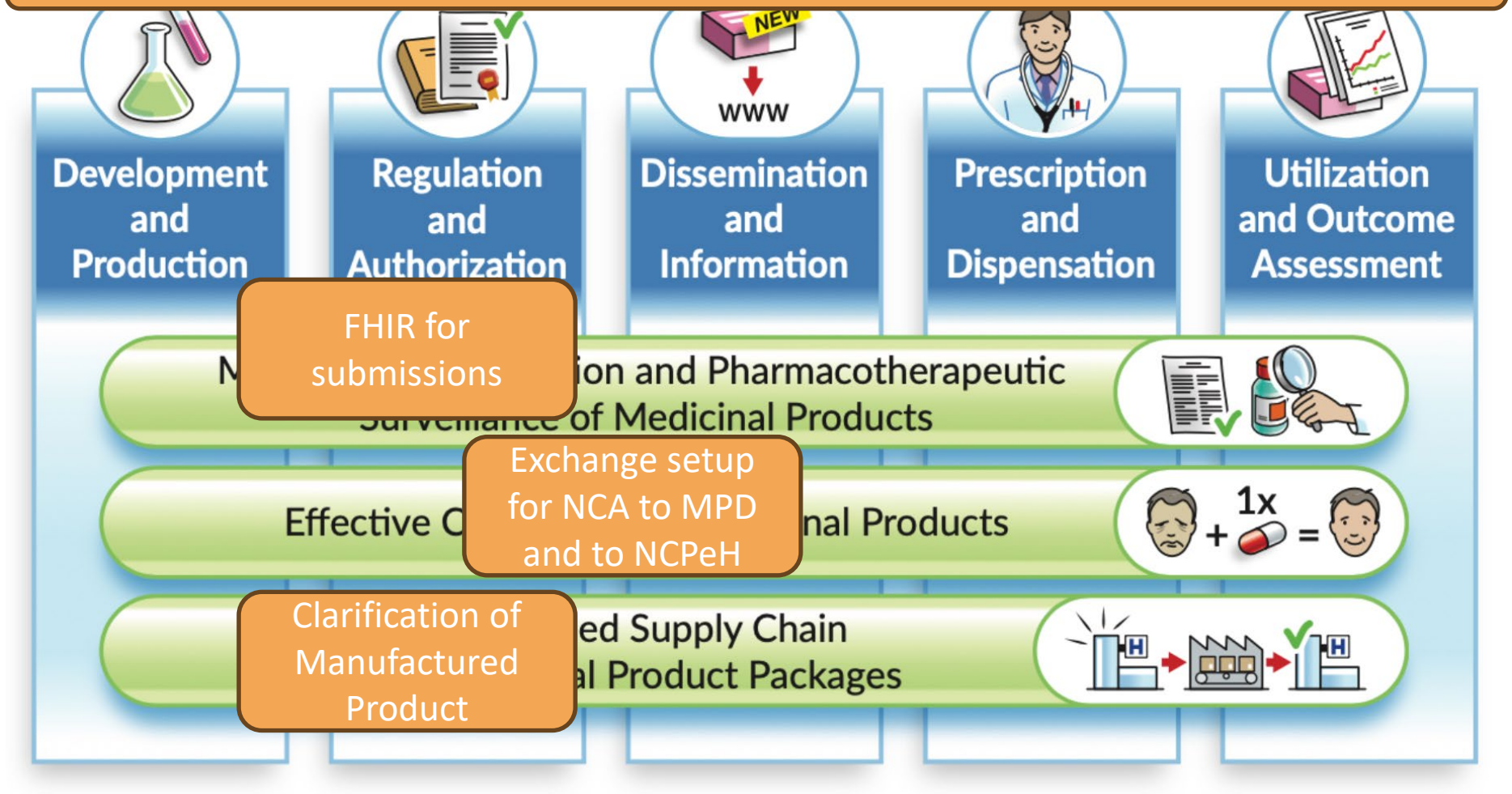
## Substance, Dose Form, and Strength and the IDMP Logical Model

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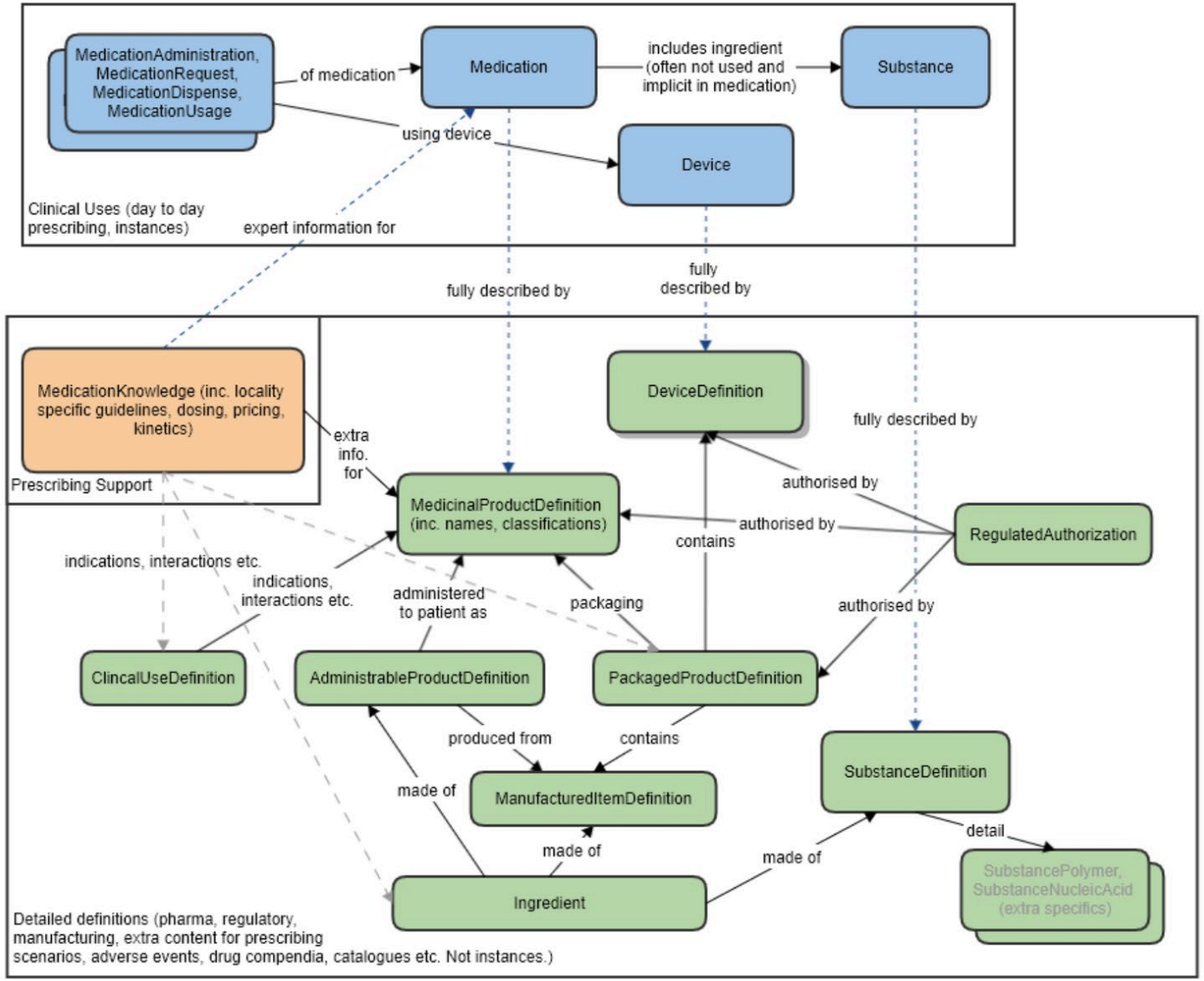
# Transforming regulatory medication definition data to clinical medication data

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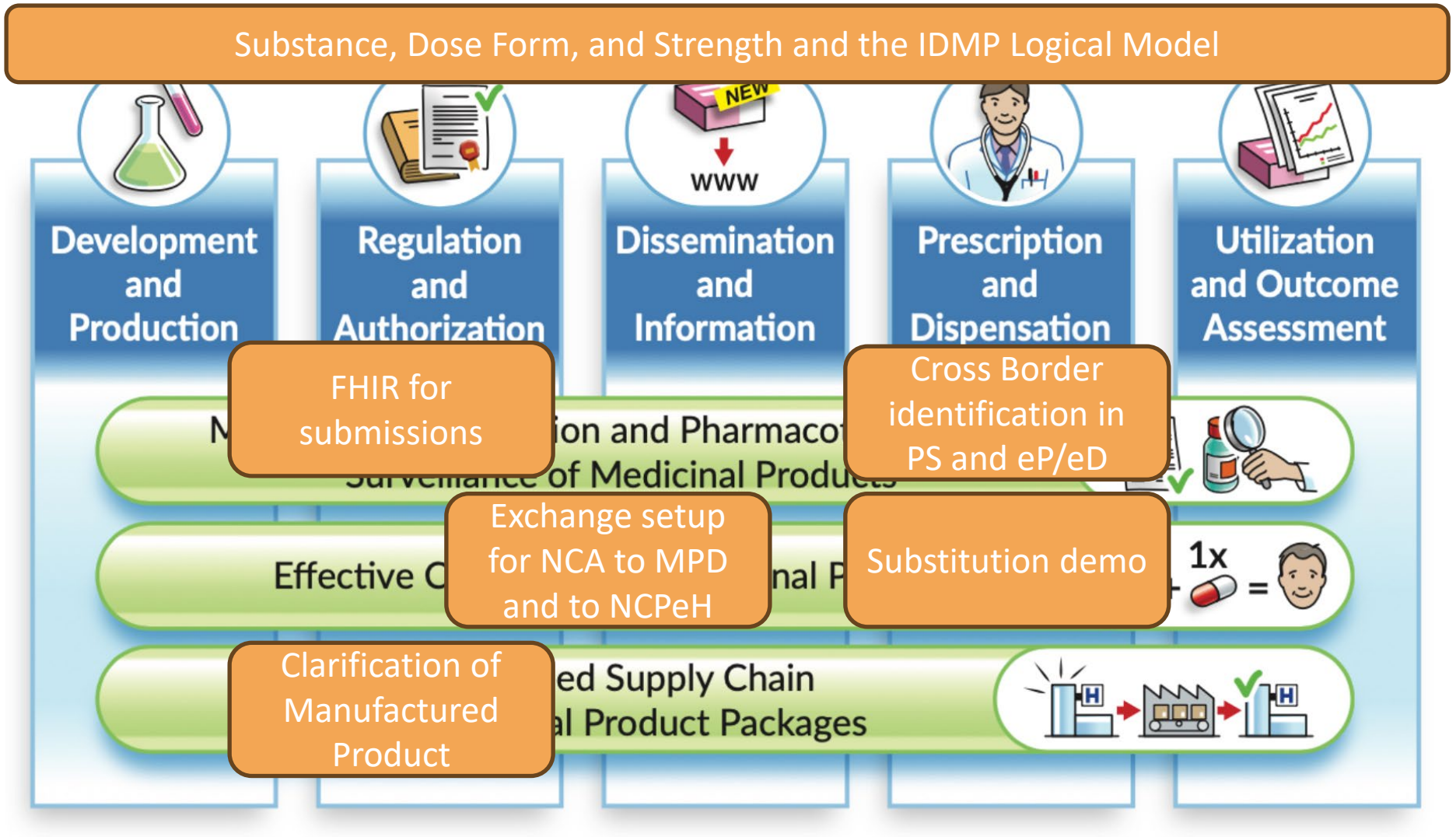
# Ensure that any medicine and what it contains can be identified across borders

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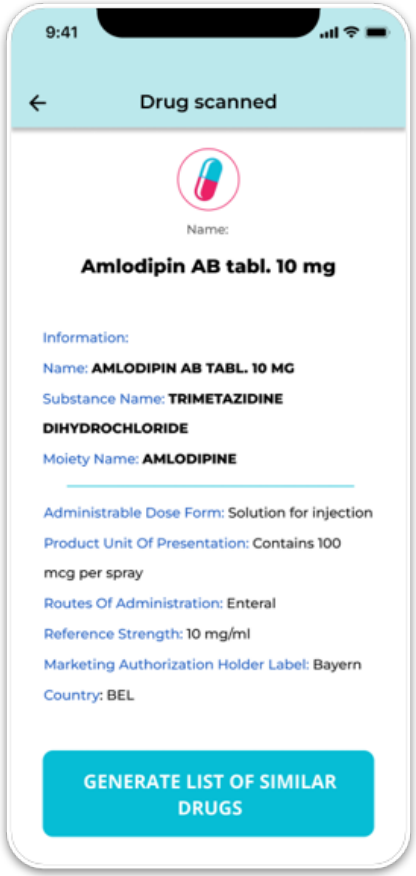
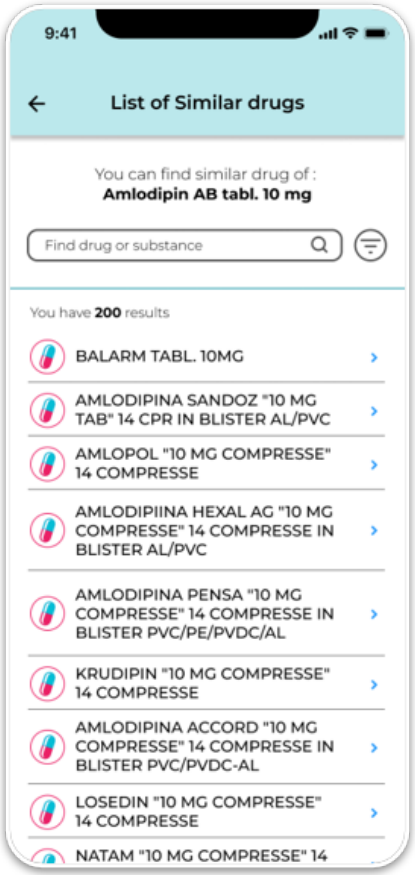
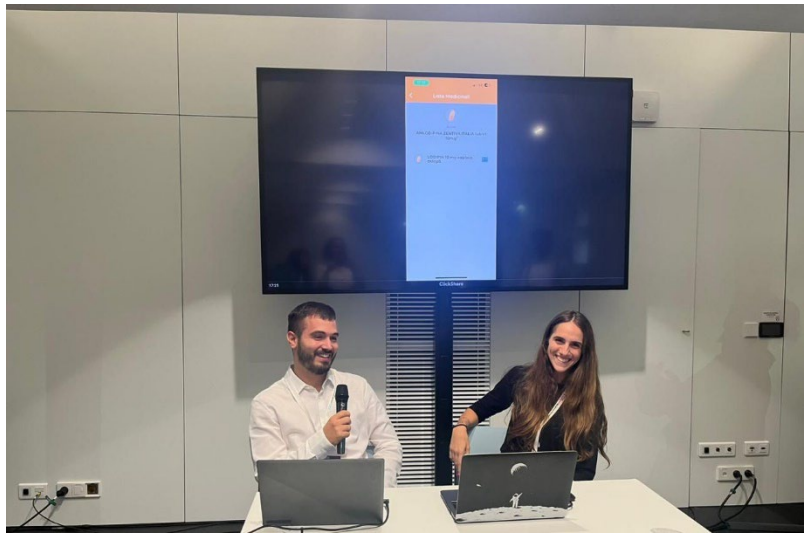
# Substitution demo developed as part of the UNICOM Test Lab

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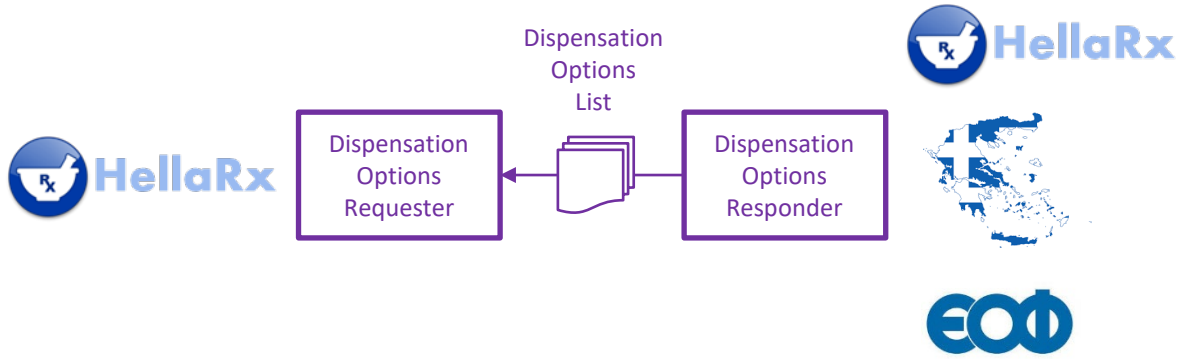
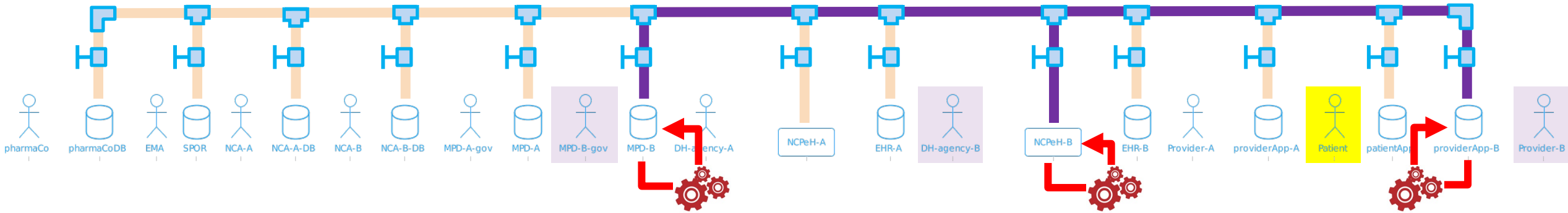
- **Where** should the substitution "*engine*" reside and how will it be **governed**?
- How should national **substitution rules** be *codified*?




## Get substitution list:

- **Provider fetches list of Dispensation options**




**Substitution Logic "Engine"… running locally or in a shared service.**

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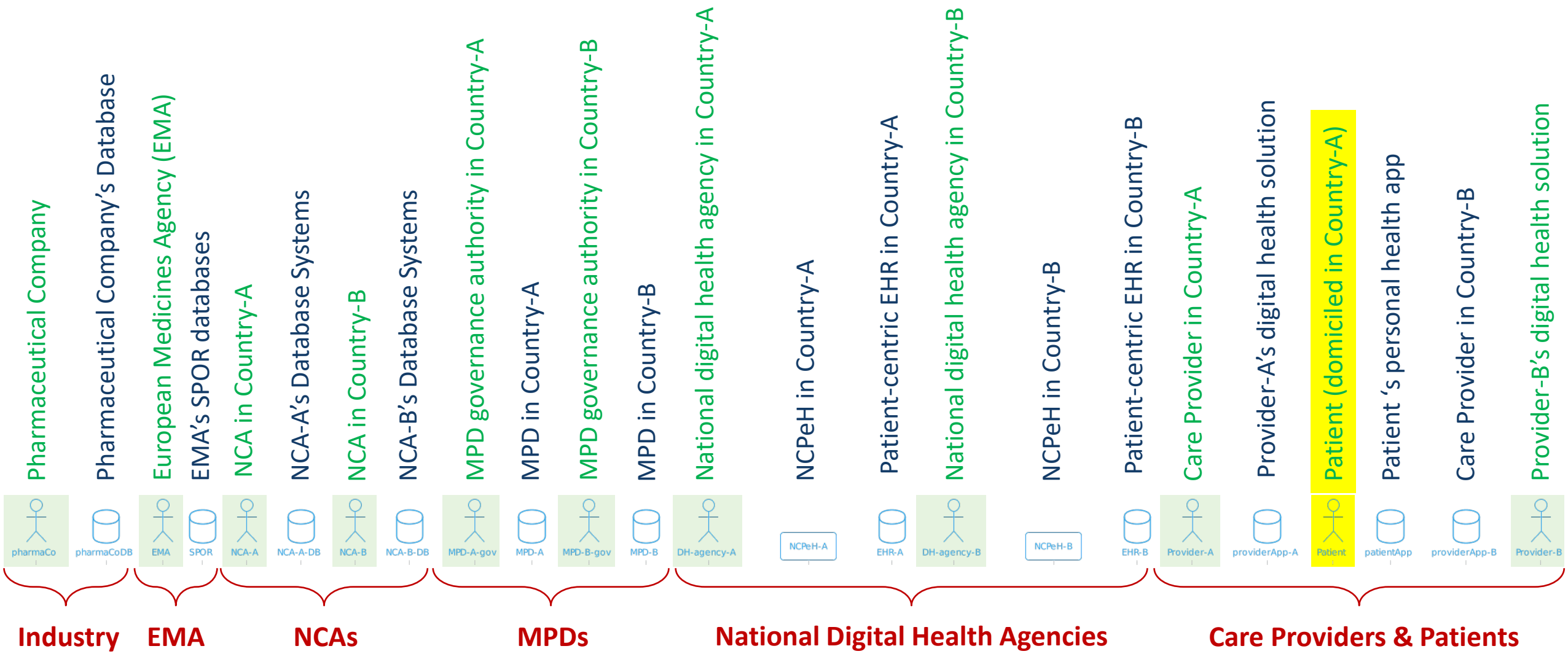
# The UNICOM **data "pipeline"**

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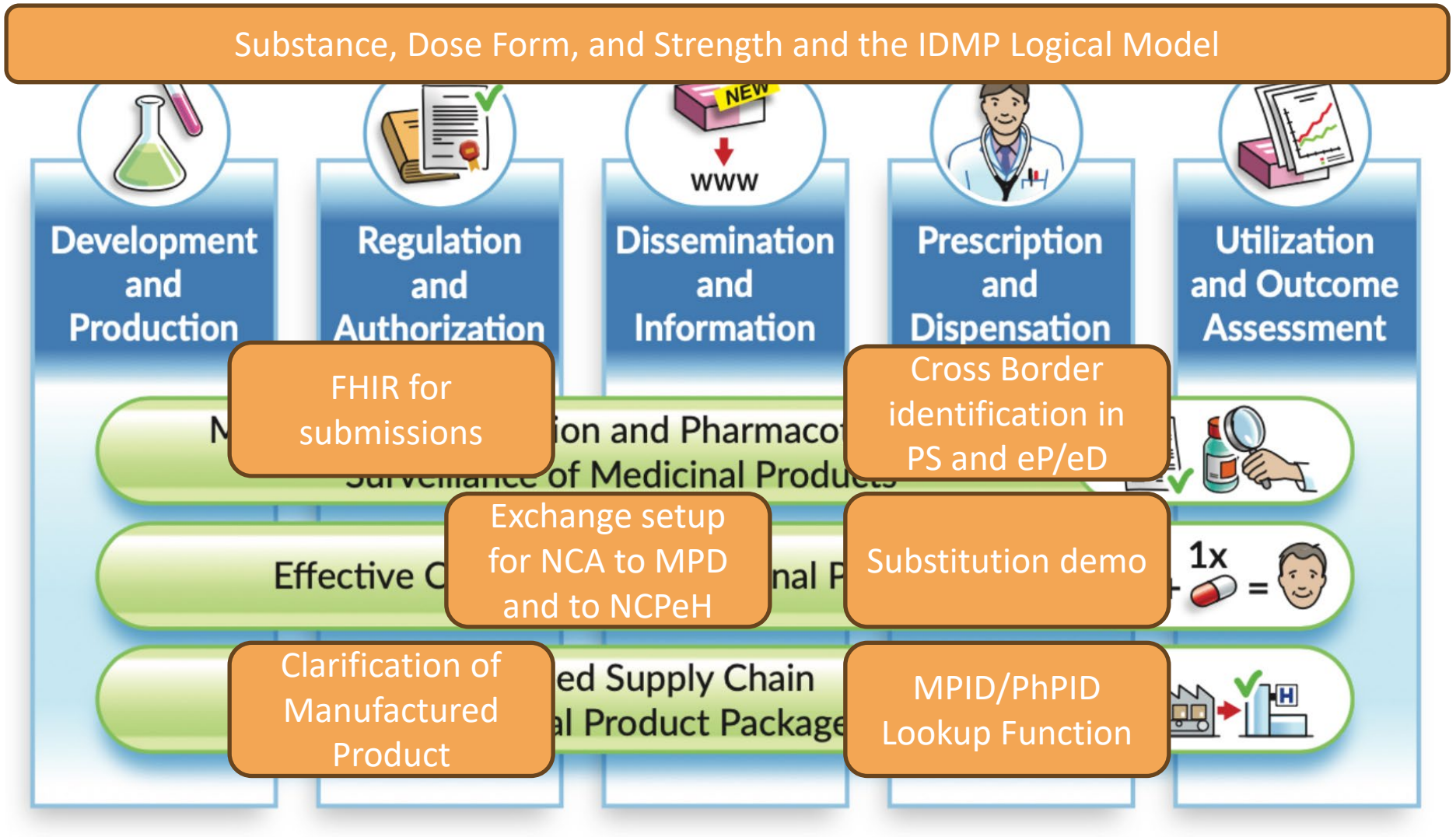
# Ensure that any medicine and what it contains can be identified anywhere in the world

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# MPID and PhPID lookup at the January 2024 HL7 FHIR Connectathon – Athens / virtual

Global IDMP Working Group

Pharmacovigilance

Drug Shortages

Cross border healthcare

Datapharm

FELLESKATALOGEN

Glemser

HL7 Europe

UNICOM

UiO : University of Oslo

Uppsala Monitoring Centre

EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Pfizer

MPID 1849D6A2F100

UMC FHIR demo

PhPID L4
891F49AAEFF401136F39525064C91540

PhPID L4
891F49AAEFF401136F39525064C91540

UMC FHIR demo

List of matching MPIDs

VULCAN
HL7 FHIR

Gravitate Health

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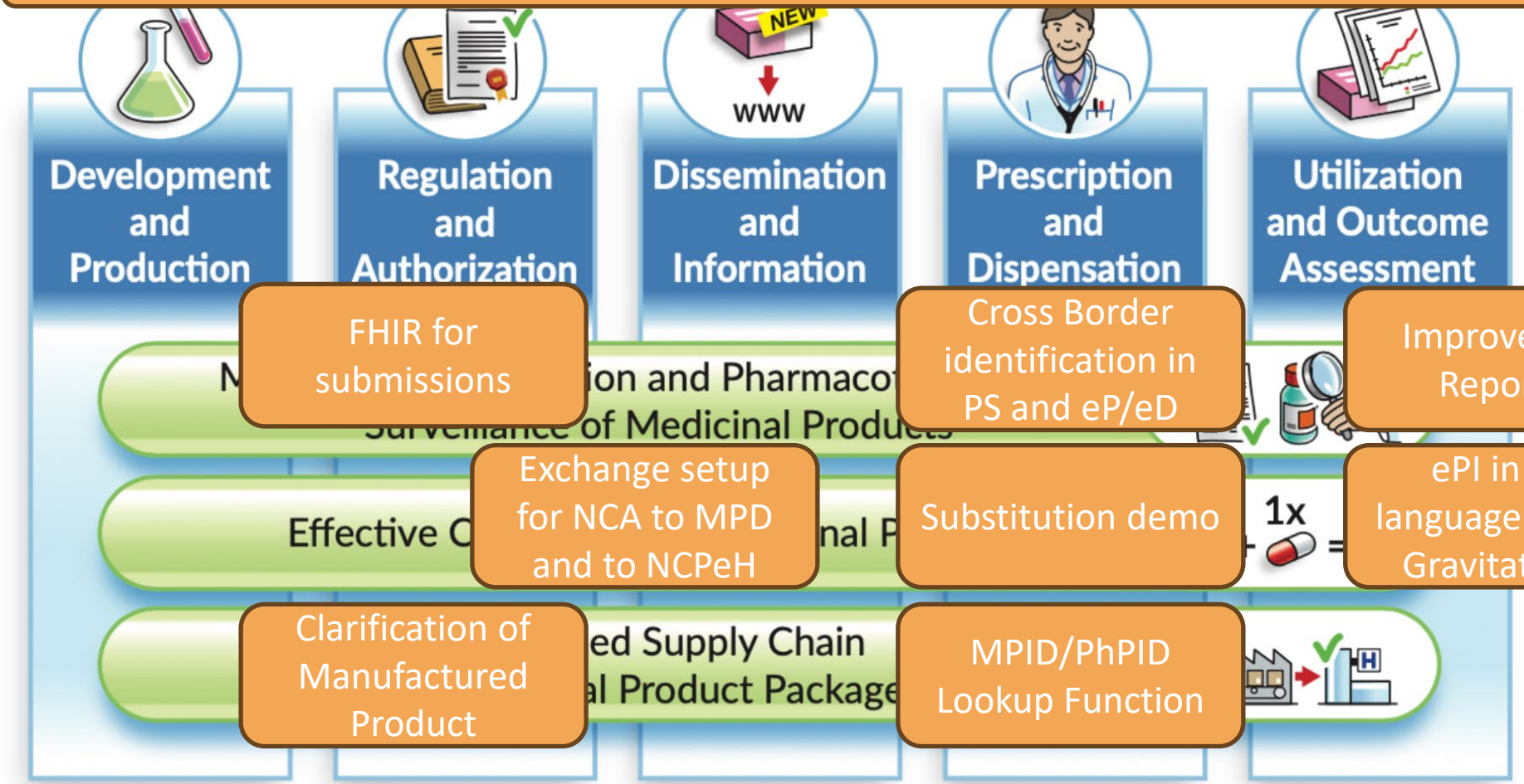
## Substance, Dose Form, and Strength and the IDMP Logical Model

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# Improved ADE Reporting to MHRA using the SNOMED to MedDRA mapping and vice versa

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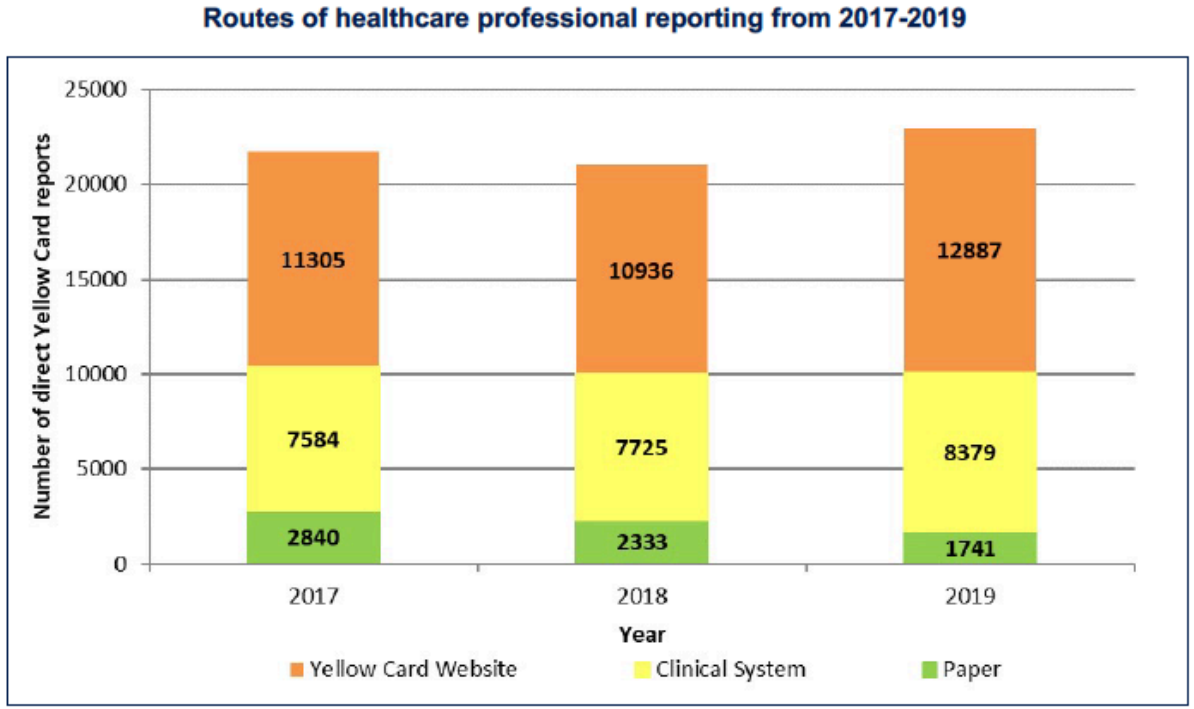
First release April 2021




## Development of the maps

MHRA worked alongside SNOMED and the MSSO to help develop the 2 maps.

**SNOMED → MedDRA**

MedDRA → SNOMED

The maps were developed using the most commonly used terms.

## Benefits of the mapping

- **Reduced inconsistencies**
- **Better quality of data**
- **Streamlined process**
- **Continual updates**

Report documentation:

- Adverse Drug Events (ADEs)
- Medical History
- Lab tests

Medicines & Healthcare products Regulatory Agency

WEB-RADR

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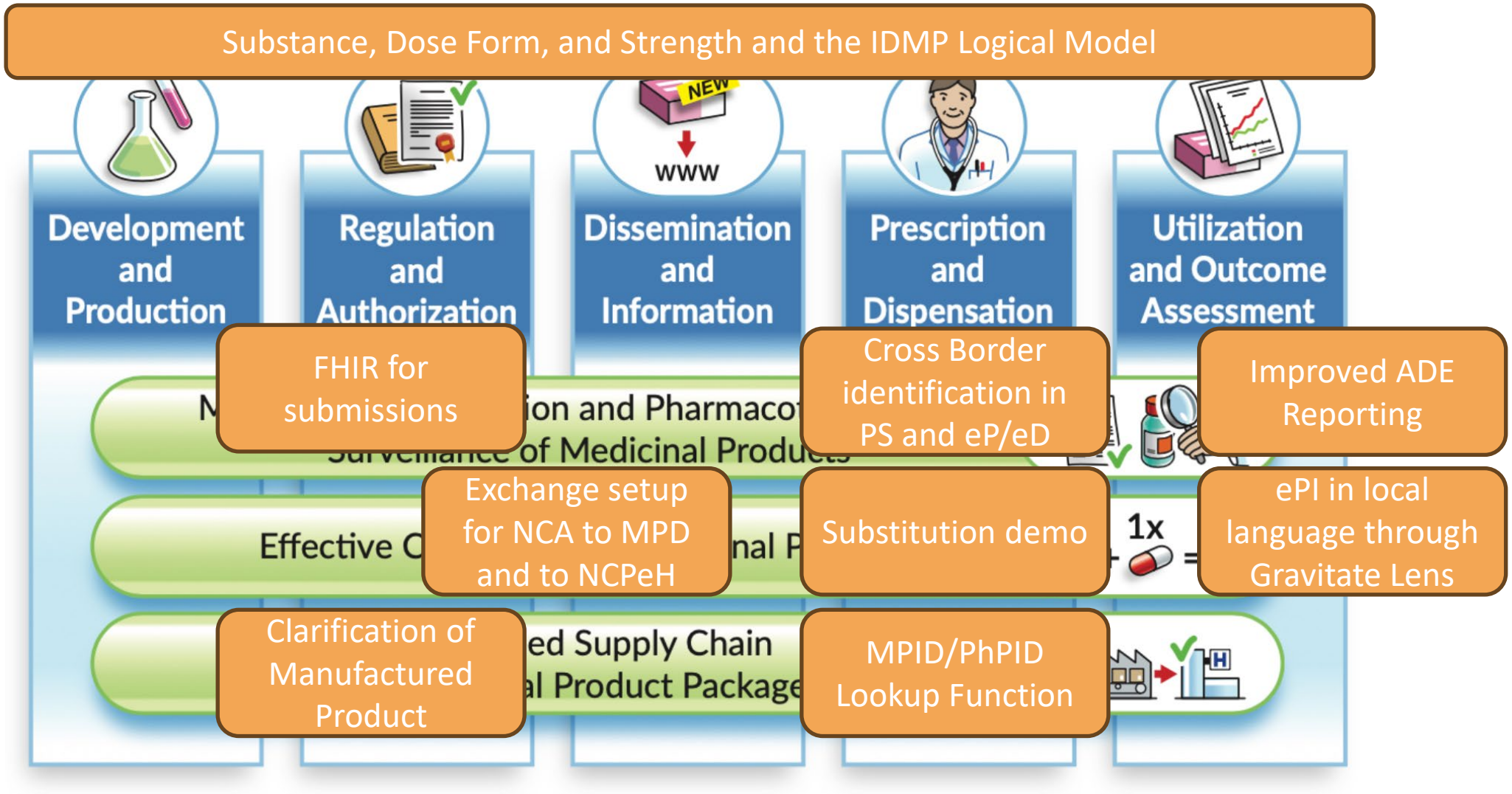
# Highlights of our achievements across the landscape of IDMP

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# Moving forward – an Institute for Safe Medication Data (ISMD)

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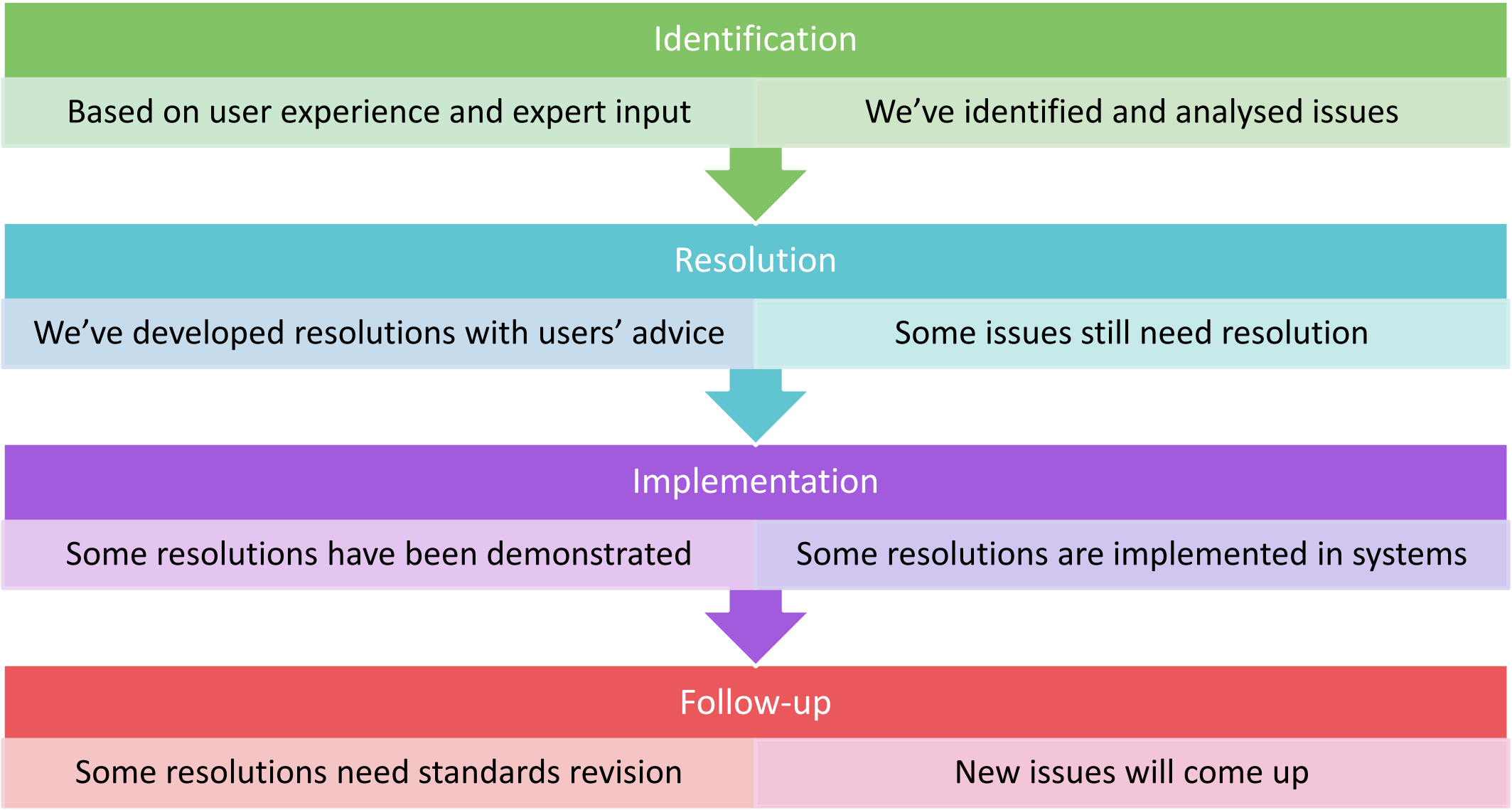
# Gap analysis as a pivot between looking back and looking forward

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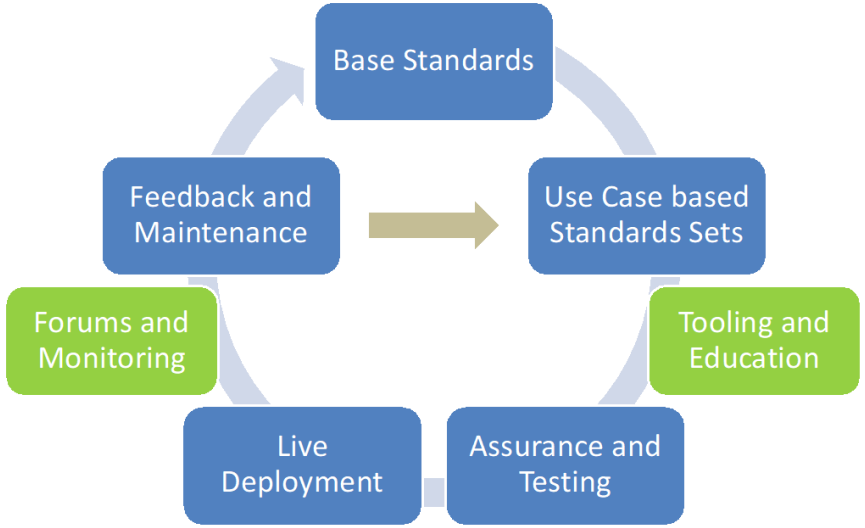
# Who's going to continue the work of WP 1 – setting up a Business Plan

- Working Title: **Institute for Safe Medication Data**
- A way to continue the work of UNICOM Work Package 1 around IDMP related standards and terminologies
- Suggested tasks:
  - Support a Community of Expertise around Medication Data Standards
  - Coordination of ongoing development of Medication Data Standards across SDOs
  - Coordination of issues and resolutions around Medication Data Standards and their use
  - Education on Medication Data Standards and their use in practice
  - Arbitration in cases of disputes on the interpretation and implementation of Medication Data Standards
  - Certification of both products and services, as well as people and organisations
  - Monitoring of adoption and maturity of Medication Data Standards in practice
  - Provide tooling for the tasks above, as well as for the support of implementers of Medication Data Standards
  - ...

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# Input for discussions on the tasks and scope of an ISMD

www.menti.com **2363 3097**

# The tasks and scope of an ISMD

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# Input for discussion on the structure of an ISMD

www.menti.com **2363 3097**

# The structure of an ISMD

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# You are invited!

- 26th April Closing UNICOM meeting in Brussels and Online


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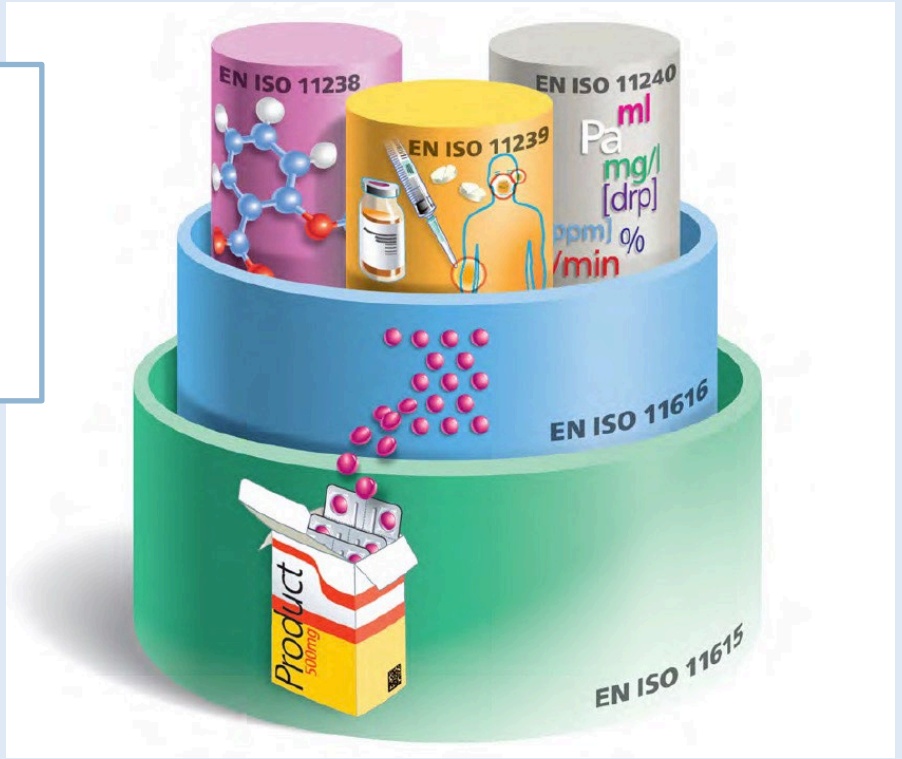


# Thank you for your participation in this last UNICOM CoE

*Please don't forget to fill out our short evaluation form on Google*