

**Identifying
medicinal products
suitable for an INN Prescription**

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When issuing a prescription a prescribing physician expresses a therapeutical intent

Either

**by prescribing a specific medicinal product
available on the market of his country**

Branded originator

Branded generic

Either

by issuing an INN prescription

indicating a group of (fairly) similar medicinal products,
expected to all fulfil the therapeutical intent,
from a clinical point of view,
with a delegation of specific choice
to pharmacist and/or patient

When the pharmacist responds to a prescription by dispensing a medicinal product

He/she can

Either

Comply perfectly to a specific prescription for a branded originator or generic

Either

Substitute the prescribed specific medicinal product with another a specific medicinal product (originator or generic)

Either

Respond to an INN prescription by choosing in the group of (fairly) similar medicinal products, the most appropriate one

E-Prescribing

- a) OR : Prescribing of branded products
(Originators or branded generics)



- B) OR : INN – prescribing



E-dispensing



+ dispensing advice

Dm+d
SAM Belgium
INN prescribing

IDMP

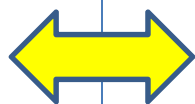
Marketing
Authorisation
Holder

Country

MPID

PCID

**Virtual
Therapeutic
Moiety**



**Creating
a link**

PhPID

Strength

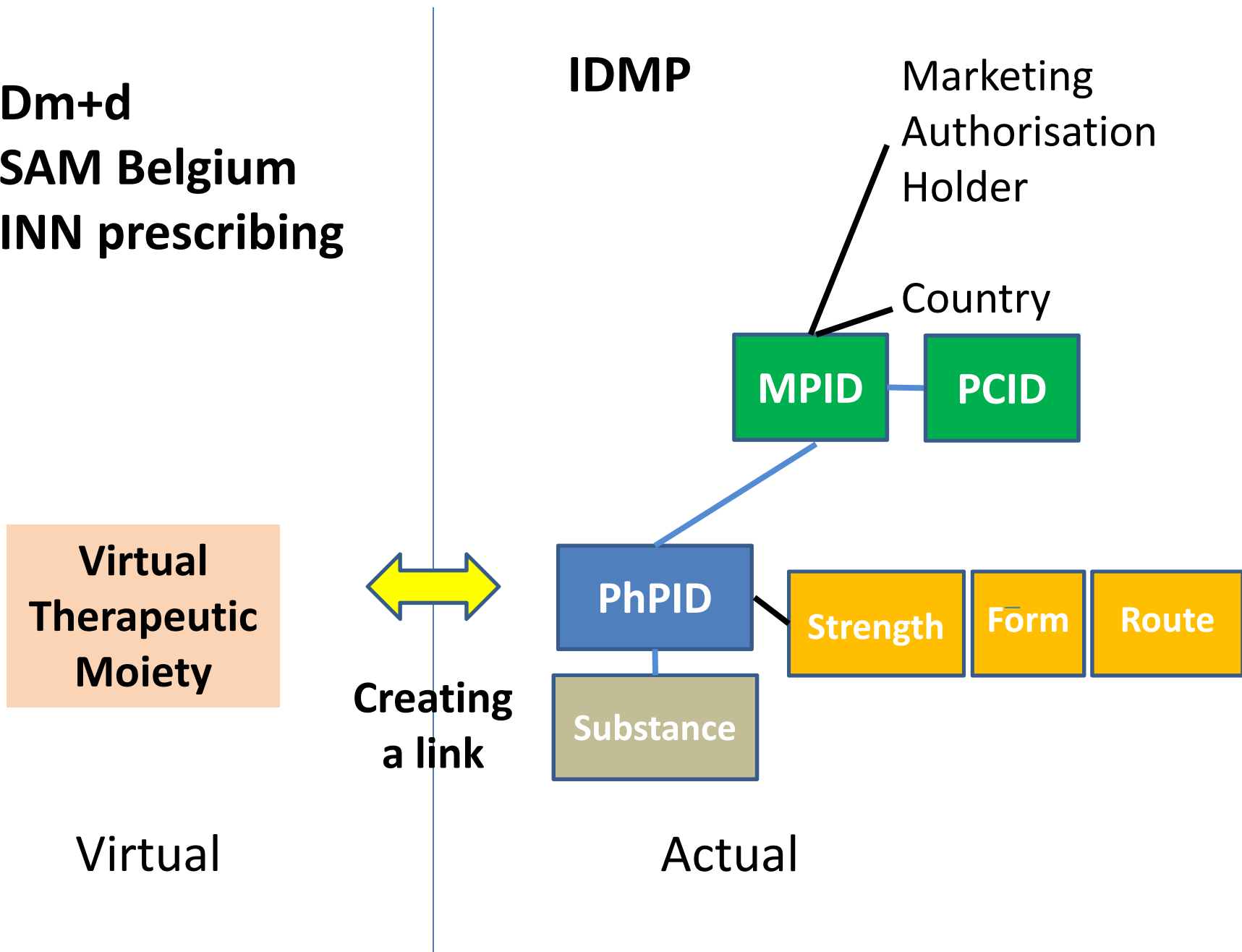
Form

Route

Substance

Virtual

Actual



Federated Drug information databases, linking national drug product databases and international drug knowledge databases

Vidal

BNF

SFINX : interaction database

Knowledge databases



UK : Dm+d

National Agencies databases

E-health authentic
database of medicines

Use cases

Identifying correctly VTM groups for INN prescribing

Simplifying Cross border prescribing

Harmonisation of national substitution rules

Facilitating international decision support systems

Creating a federated European Drug Database

Requirements

- A European database of VMP-groups
 - Estimated number of records to be maintained (between 3.000 and 9.000)
- Standards for substance (at two levels), codification of the EURD-list in the PSUR project, an ontology for substances
- Standardized Measures of strength, administration units, pharmaceutical form, route of administration
- An ontology for form/routes