



EUROPEAN CENTRAL BANK

EUROSYSTEM

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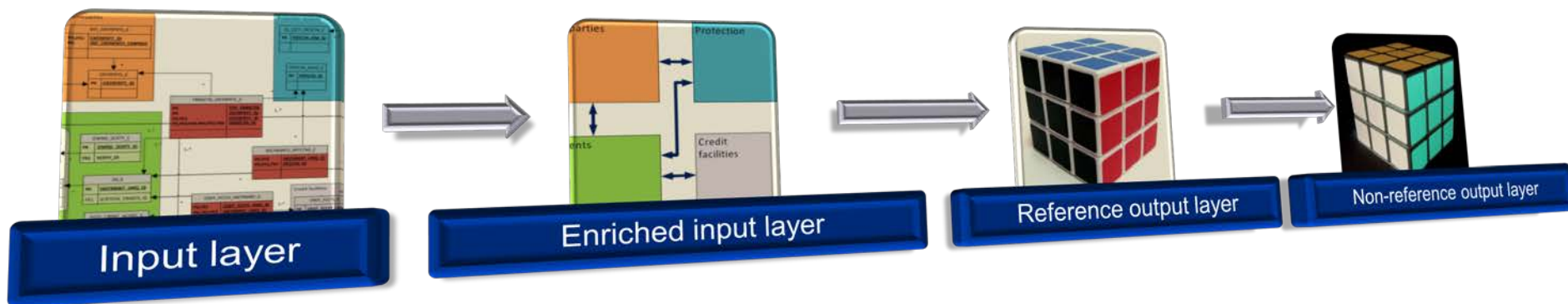
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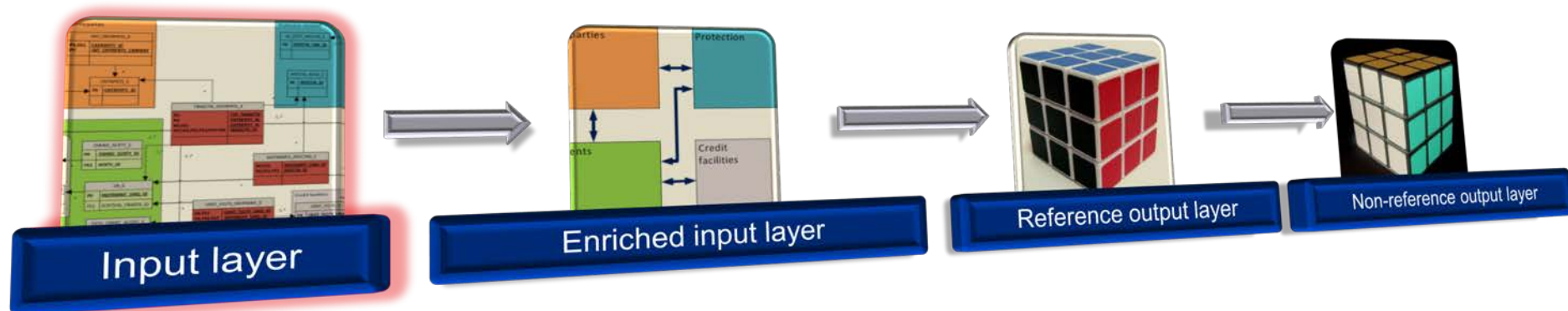
BIRD methodology – The BIRD process

Process overview



- Feeding the **Input Layer** from bank's internal IT systems, following the structure of the input cubes defined by BIRD
- Creation of **Enriched Input Layer** (i.e. an intermediate layer that is used to generate all reporting requirements)
- Generation of **Reference Output Layer**
- Generation of **Non-reference Output Layer** (by applying mappings)

The Input Layer



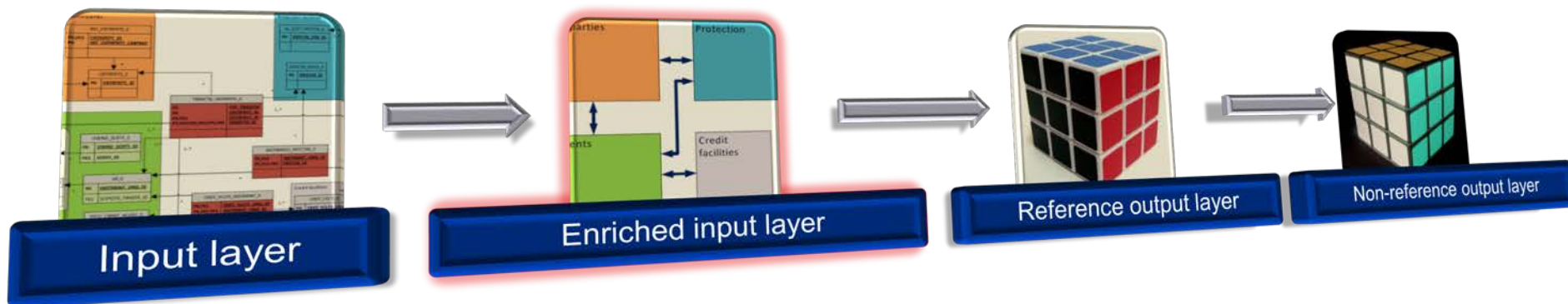
What?

- **Information** that needs to be collected by **reporting agents** from their internal systems

How? Description?

- **Technical guidelines**, providing a **general overview** and **technical instructions** for the **population** of the Input Layer
- **Data dictionary**, definition of **data sets** and their **relationships**

The Enriched Input Layer



What?

- Second layer of data

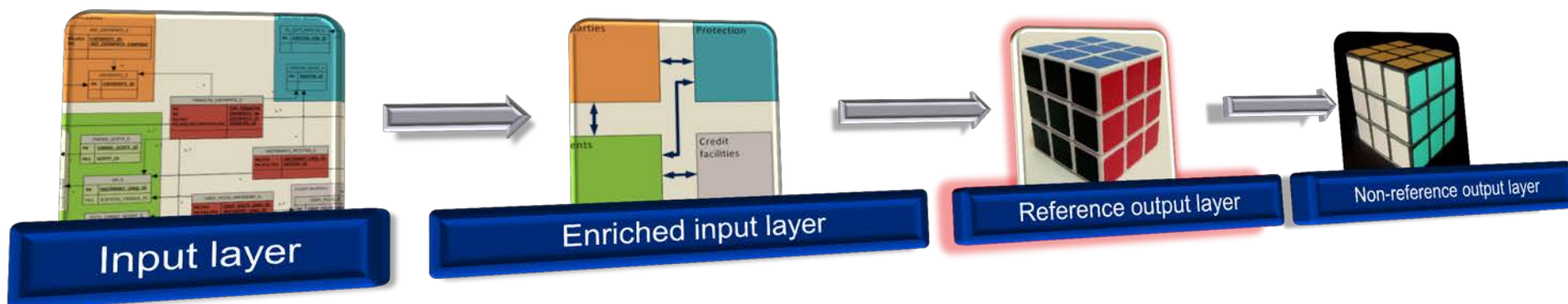
How?

- **Data dictionary**, definition of data sets and their relationships
- **Transformations** based on the **Input Layer**

Why?

- **Reuse of concepts** used in multiple output layers

The Reference output layer



What?

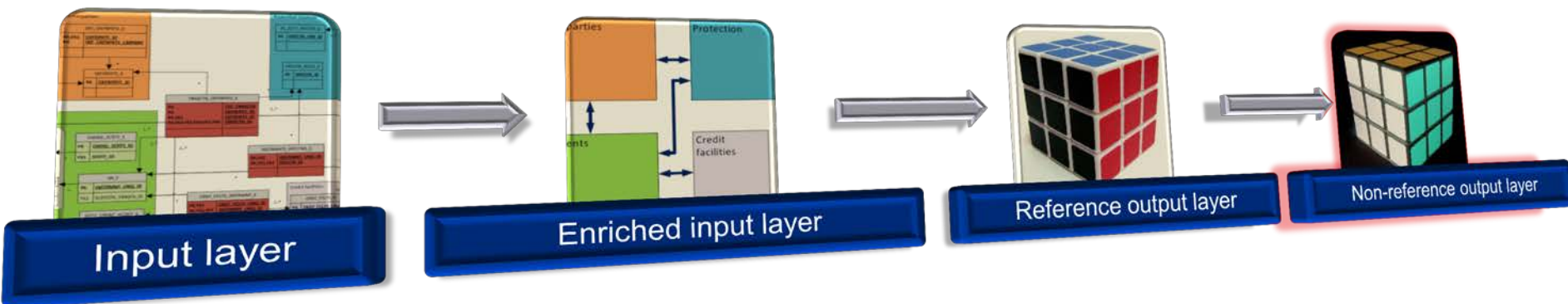
- Description of the **Non-reference output layer** (content) using the **reference codification**

How?

- **Data dictionary**, definition of data sets and their relationships
- **Transformations** based on the **Enriched input layer**

Why?

The Non-reference output layer



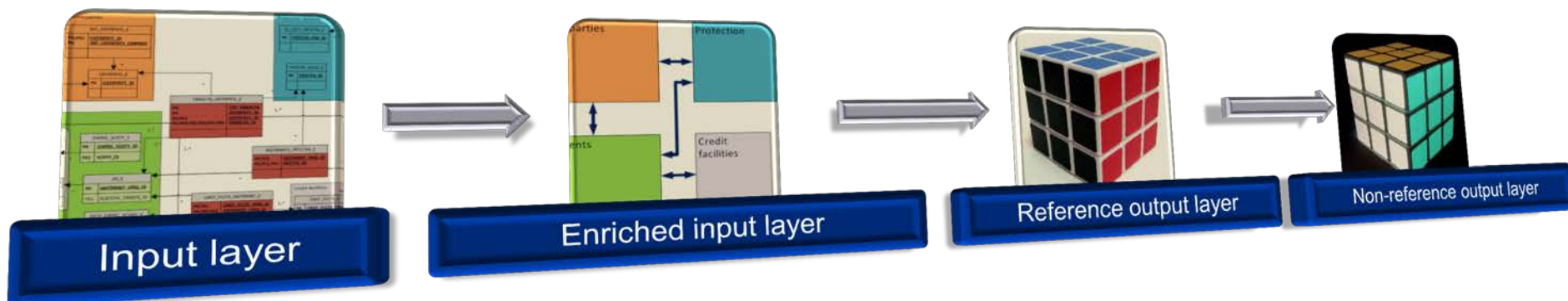
What?

- **Secondary reporting requirements** (“data to be reported”)

How?

- **Data dictionary**, definition of data sets and their relationships
- **Mappings** describing the relationship between the **Reference** and the **Non-reference output layer**

Process overview



Dictionary content

- Description of **Cubes / Data sets** in the *Data definition package*
- Description of **Transformations** in the *Transformation package*
- Description of **Mappings** in the *Mappings package*