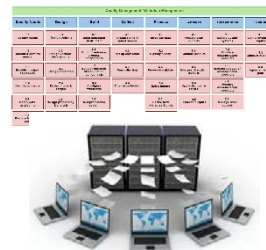# Applying the GSBPM to the NBR
The Spanish experience

Session 10: Business Registers
Date: 1 June 2016

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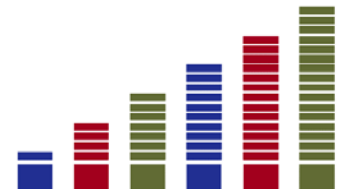
✓ **Explicit mandate of our NSI Board of Directors (8 March 2012)**
  ▪ **Commitment to the implementation of the QAF**

ESS.VIP-ESBR

✓ **Reinforce the role of BRs as the backbone of the ESS**
✓ **Adoption of a *Business Architecture,* allowing:**
  ▪ **Similar methods of management**
  ▪ **Common tools / statistical services**
  ▪ **Coordinated DQPs**

DIRCE ←-----------→ **EGR**

Specify Needs, *Design* and *Build* Phases

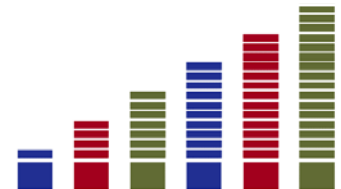## Management of NBRs; a long tradition in the NSIs

❑ **Historical approach**

 ✓ Best way to understand the current state and basis of our business process

❑ **Design and Build phases** conceived jointly with a large degree of overlapping

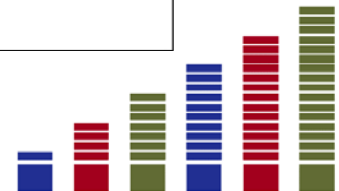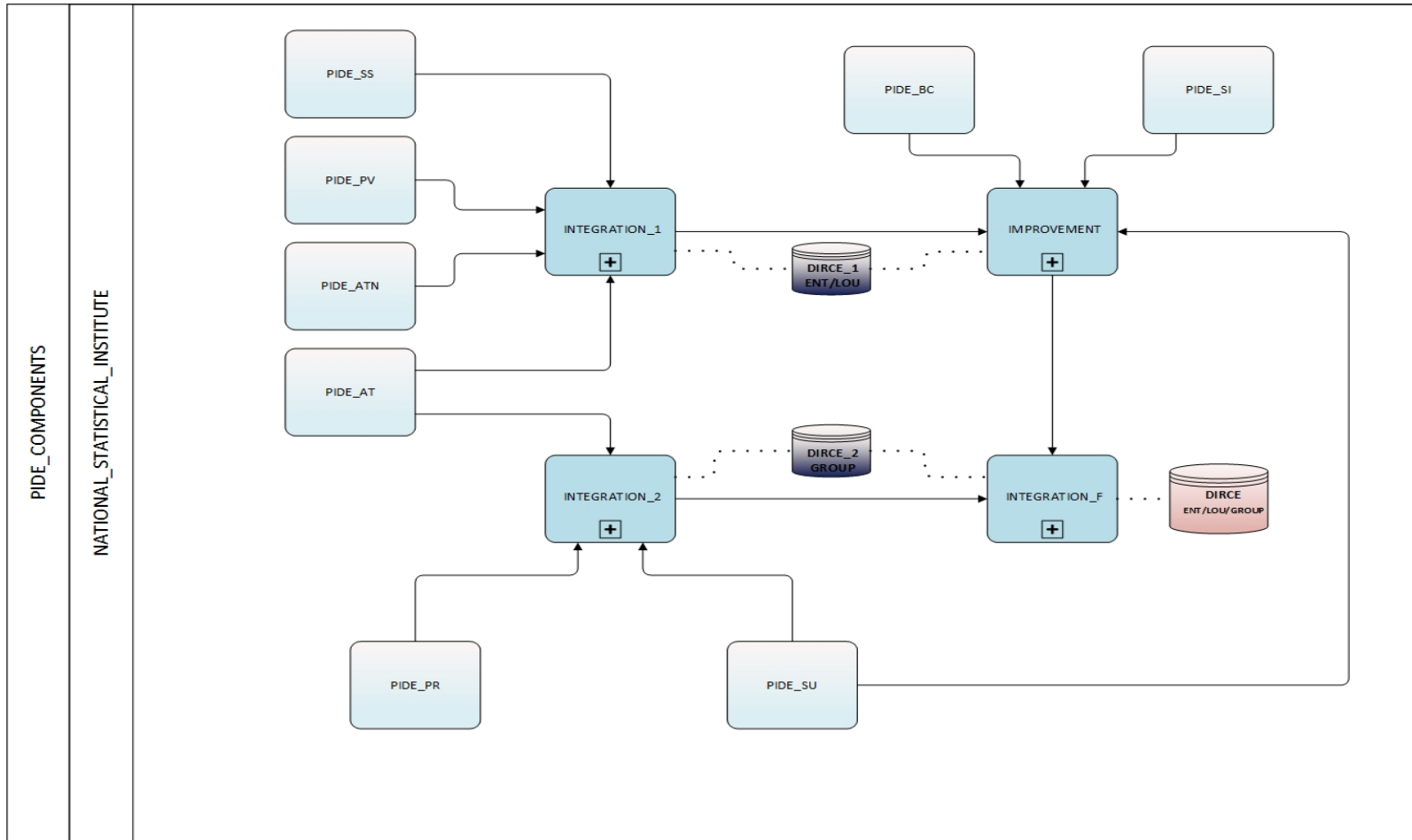 ✓ Description of the PIDE project, the methodological basis for the NBR management

 ✓ Developments and main milestones consolidated from a time-based perspective
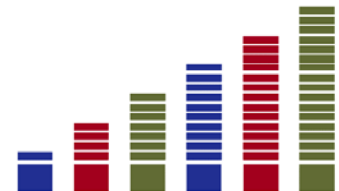
❑ **Static** dimension predominant for the next phases

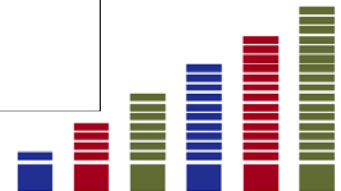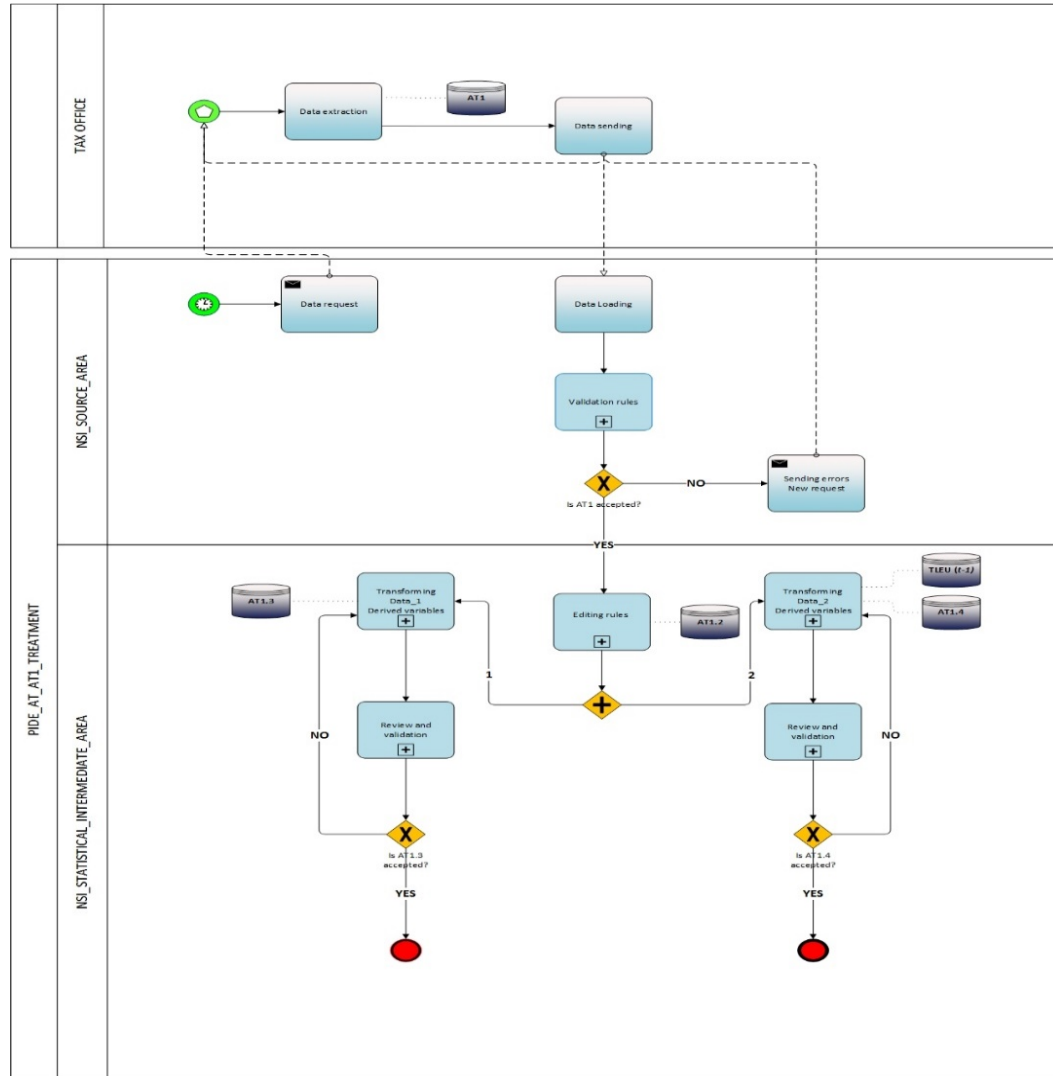## High level perspective of the PIDE project

❑ **Set up Collection. Two blocks of information provided**

  ✓**The Institutional context created for a successful access to data sources**
  ✓**The systems used for data interchanges**

❑ **Run and Finalize Collection.- 28 input sources classified by the PIDE components**

  ✓**Denomination and Managing Organization**
  ✓**Reception date**
  ✓**Dates of start-finish processes**
  ✓**Elementary observation unit and data structure**
  ✓**Validation rules**
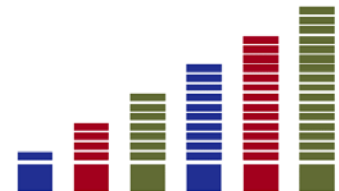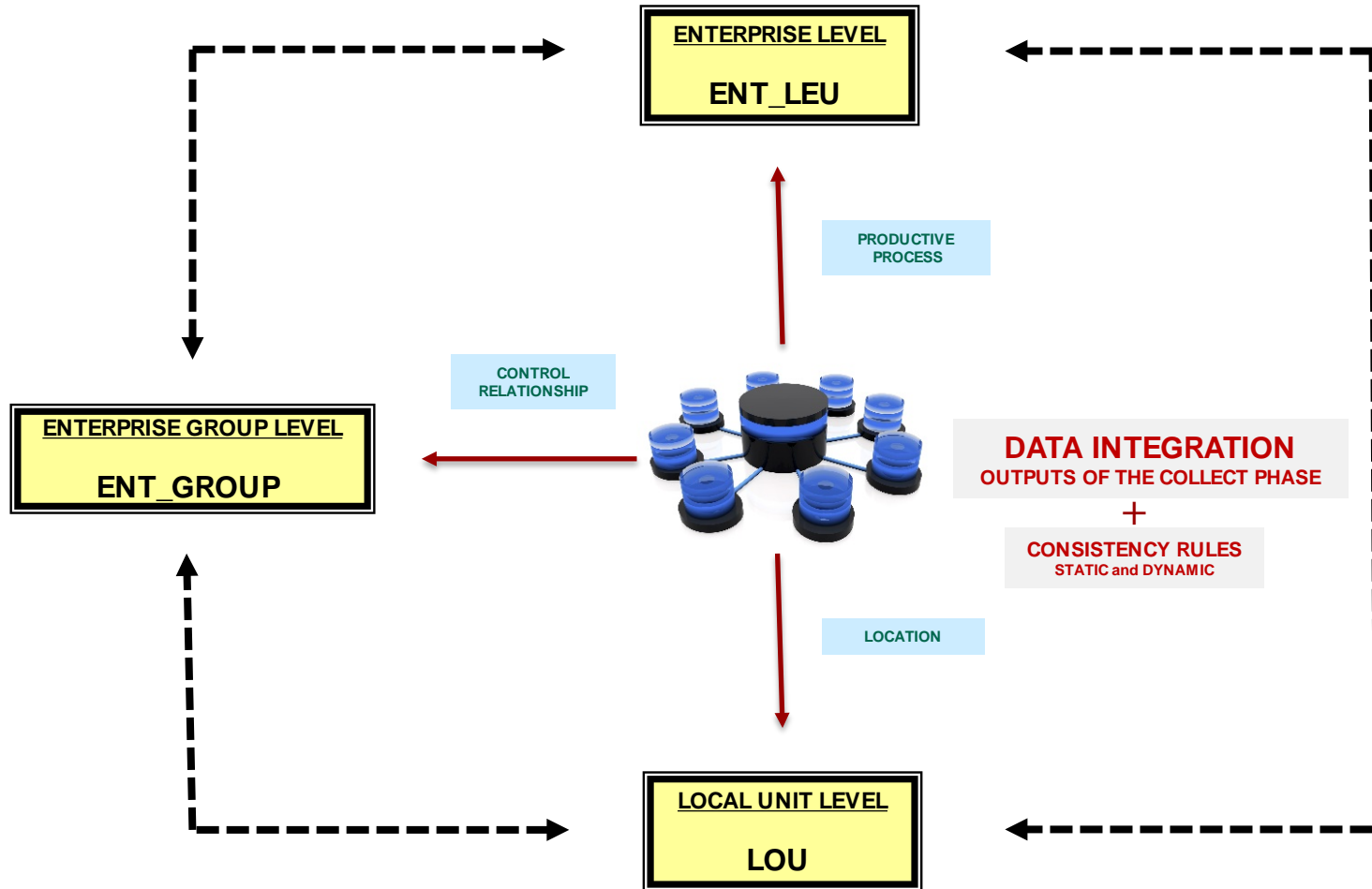 ✓**Editing process**
  ✓**Transformation process**

DQP designed for a Tax source

☐ **Integrate data_1.- The NBR production cycle**

ENTERPRISE LEVEL
ENT_LEU

ENTERPRISE GROUP LEVEL
ENT_GROUP

LOCAL UNIT LEVEL
LOU

PRODUCTIVE
PROCESS

CONTROL
RELATIONSHIP

LOCATION

DATA INTEGRATION
OUTPUTS OF THE COLLECT PHASE
+
CONSISTENCY RULES
STATIC and DYNAMIC

Process Phase

☐ **Integrate data_2.-** **NBR** frames and interactions with the **EGR** production cycle

Year t		Year t+1					Year t+2	

| | May | June | July ... | October | November | | March | April |

NBR cycle   I1_1   I1_2   I2   I1_3   IF

EGR cycle   EGR_1   EGR_2   EGR_3   EGR_4   EGR_5
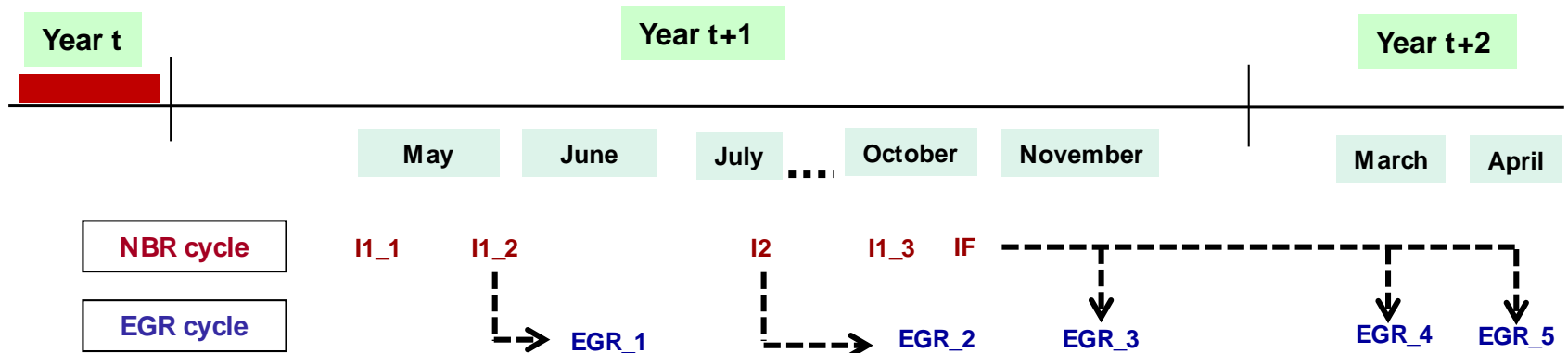
I1_1.- **Preliminary** version based on administrative sources **(LEU)**
I1_2.- **Second** version consistent with the previous year **(LEU and LOU)**
I1_3.- **Definitive** version **(LEU and LOU)**
I2.- **Preliminary** version **(ENT_GROUP)**
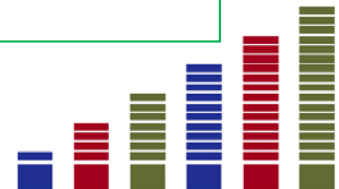**IF.-** **Definitive** version **(ENT_LEU, LOU and ENT_GROUP fully integrated and consistent)**

EGR_1.- Extraction and delivery of **resident LEUs to the EGR Identification Service**
EGR_2.- Extraction and delivery of **non-resident LEUs to the EGR Identification Service**
EGR_3.- Extraction and delivery of the **core files (LEUs and relationships) for the EGR system**
EGR_4.- Extraction and delivery of the **enterprise data for the EGR system**
EGR_5.- **Repair** action and data exchange on **Ultimate Controlling Units**

Purpose: To emphasize the role of the NBR as the key data source for the statistical analysis of the business population.

DIRCE: Statistical Analysis

(Annual Standard Publication)

Business Demography Indicators

(OECD-Eurostat methodology)

http://www.ine.es/inebmenu/mnu_empresas.htm

Since 1999

Since 2008

Features of our macro-data products and interactions between BR and Dissemination Units

- ❑ **Update output systems** (data loading in TEMPUS3)
- ❑ **Produce dissemination products** (components)
- ❑ **Manage user support** (NBR tailored information service)
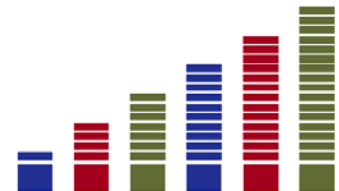
Timetable of the whole cycle
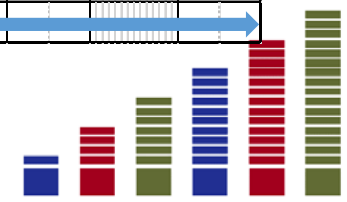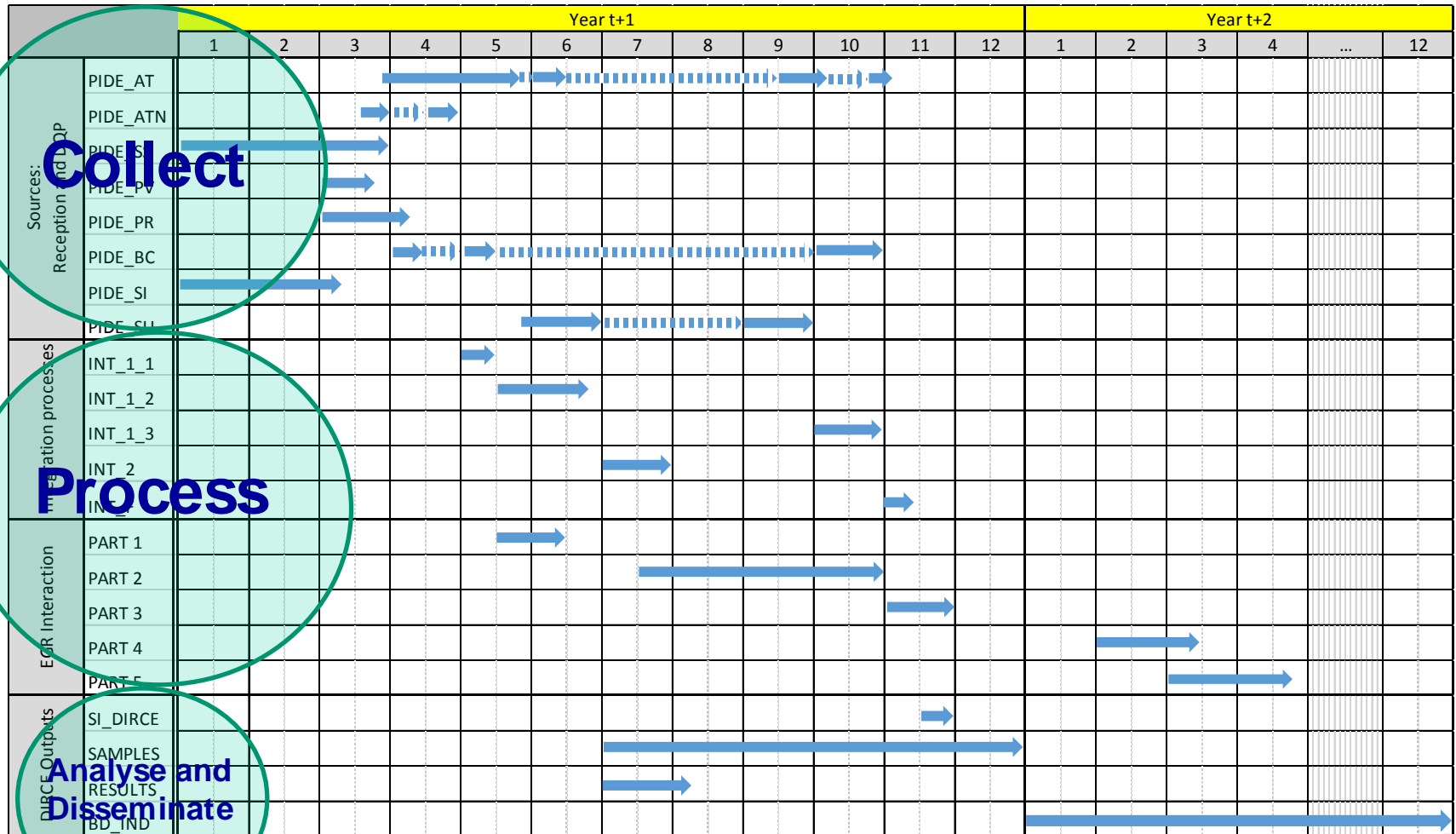
A challenging and very positive task

- ➢ **Beneficial aspects**

  - ✓ BR processes described in a standardized way

  - ✓ New possibilities for the ESBR project

    - ▪ Some principles on quality can be derived
    - ▪ Possible benchmarking activities

- ➢ **Restrictions**

  - ✓ Feasible but not easy to apply:

    - ▪ National specificities in the BR management
    - ▪ Lack of detailed methodological guidelines
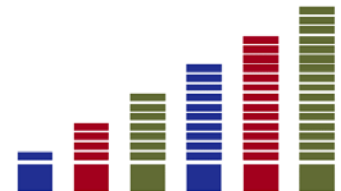
Thank you for your attention and have a nice stay in Madrid !!