



# Guidelines SBR

## Roles of the SBR (Ch2)

Tokyo, 7 - 11 - 2016



## Roles of the SBR

Purpose of the roles in the SBR guidelines (Ch2):

Questions answered:

- What is meant when a SBR is fulfilling a role?
- What are the roles a SBR could fulfil?
- What is the mutual coherence between the roles?

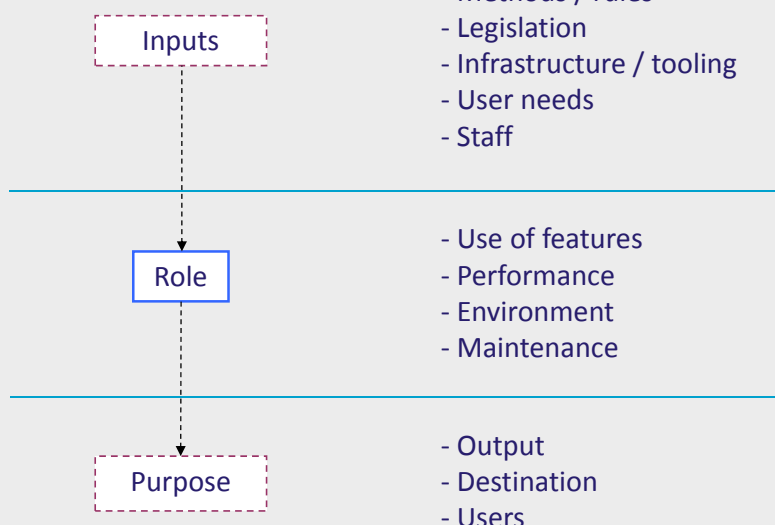
Questions not answered:

- Which roles should the SBR fulfil?
- Establishment of the SBR?
- Organisation of the SBR?



# Roles of the SBR

Modelling a role:



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# Roles of the SBR

1. SBR Live Register	Barry Coenen
2. SBR Register snapshot frozen frame	Barry Coenen
3. SBR Survey frame	Rico Konen
4. SBR Survey support	Rico Konen
5. SBR Statistics	Rico Konen
6. SBR Information source	Rico Konen
7. SBR International data exchange	Barry Coenen
8. SBR Modernisation of S.P. & Services	Irene Salemink

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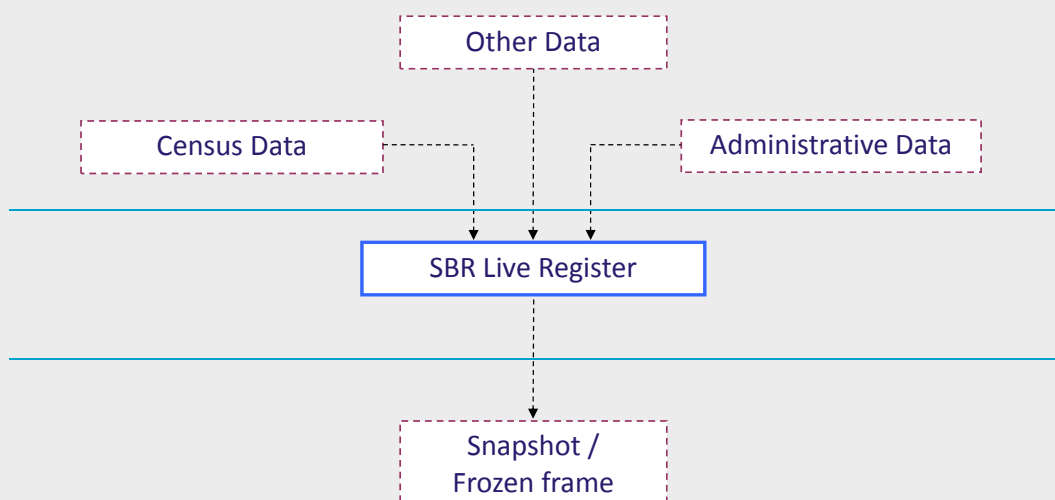
# Roles of the SBR

Barry

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## 1. SBR Live register



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# Preparations for SU-enterprise

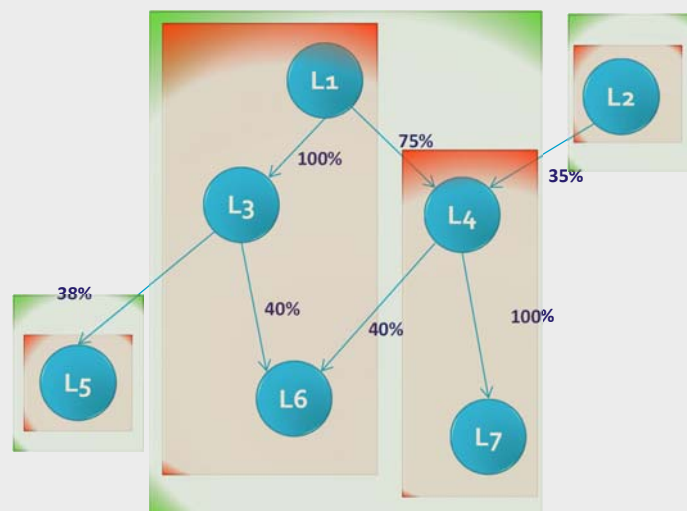
Recipe to delineate SUs

1. Delineate Legal Units and their Establishments
2. Investigate the organisational, financial and economic relationships between Legal Units
3. Delineate the operational structure of the EG by selecting groups of Legal Units bounded by an 'Control'-Relation  $\geq 51\%$
4. Delineate the ENTs in an EG
5. Delineate the Local Units within an ENT
6. Link the Legal Units to the ENT

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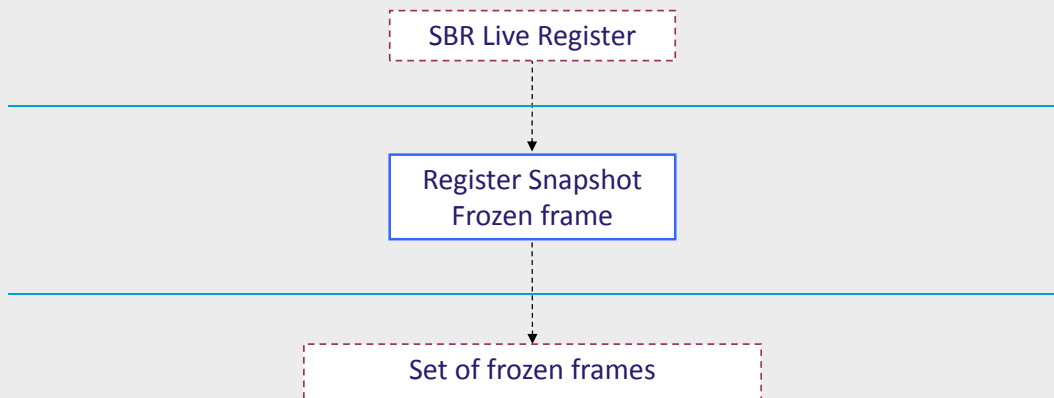
# Delineation of SUs



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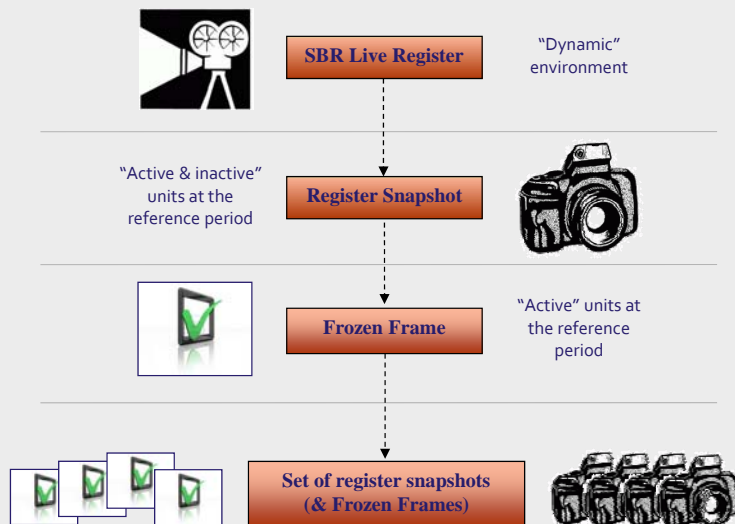
## 2. SBR Register snapshot frozen frame



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## Frozen Frame



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# Frozen frame

## Advantages

1. Information in a snapshot is coordinated because it's time-stamped and reproducible at any moment in time.
2. The quality of the units (and characteristics) used in a chain of statistical processes are traceable.
3. Storage of coordinated populations at one central place. This eases the extraction of information by the business.
4. Storage of coordinated populations is separated from the Live-environment of the SBR (Business Architecture).
5. Simplification of datamodel supports easier usage by the business.

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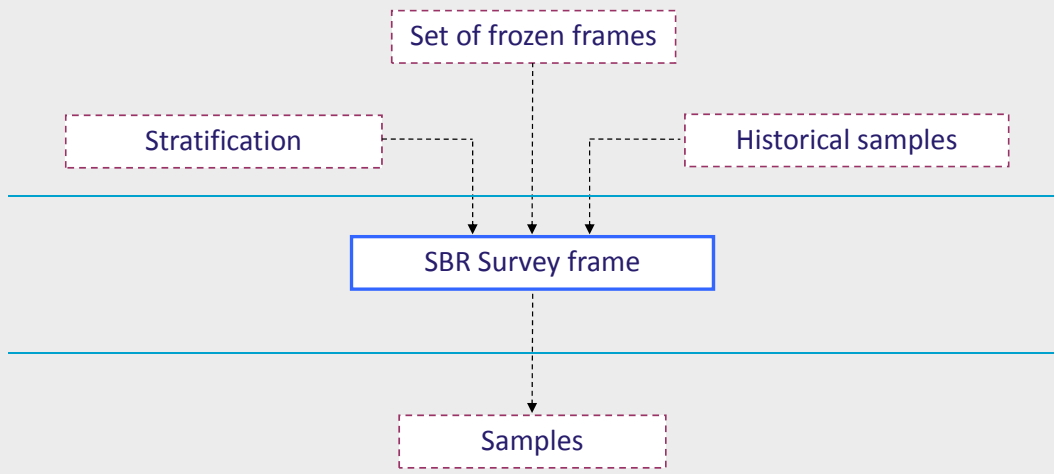


Rico

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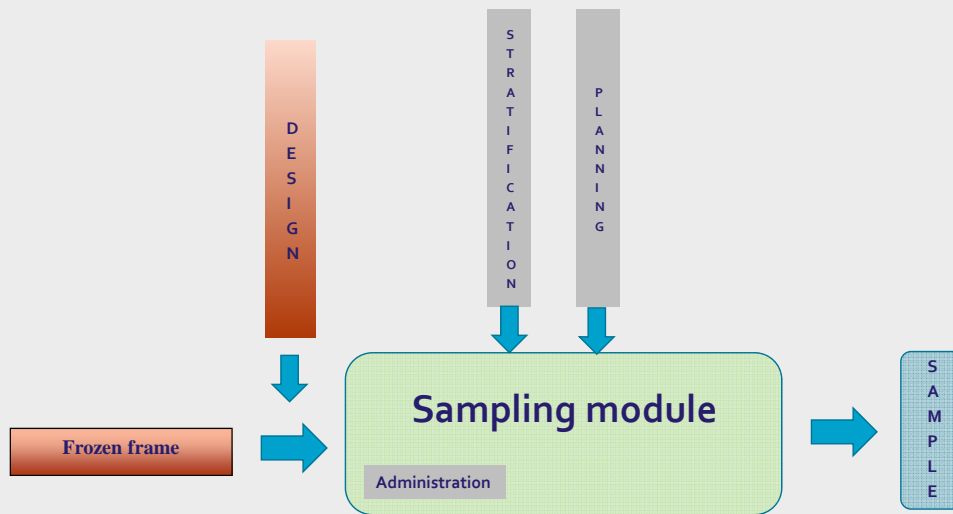
### 3. SBR Survey frame



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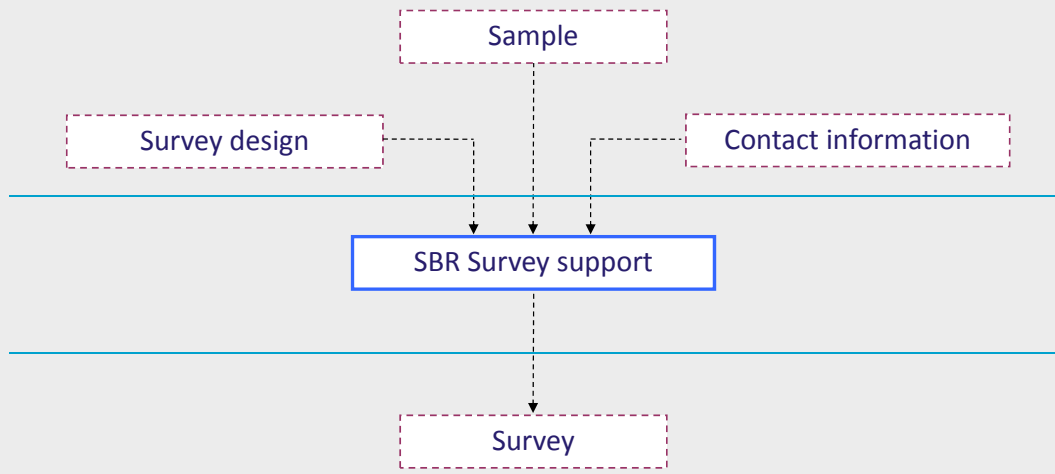
### SBR Survey frame



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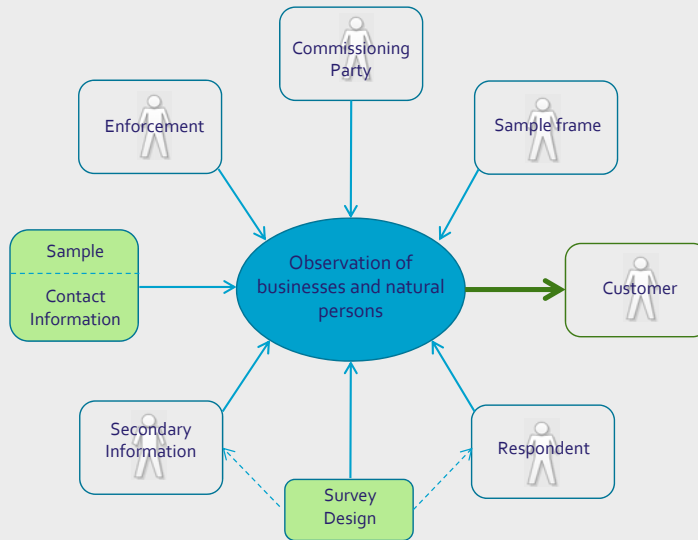
## 4. SBR Survey support



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## Survey support

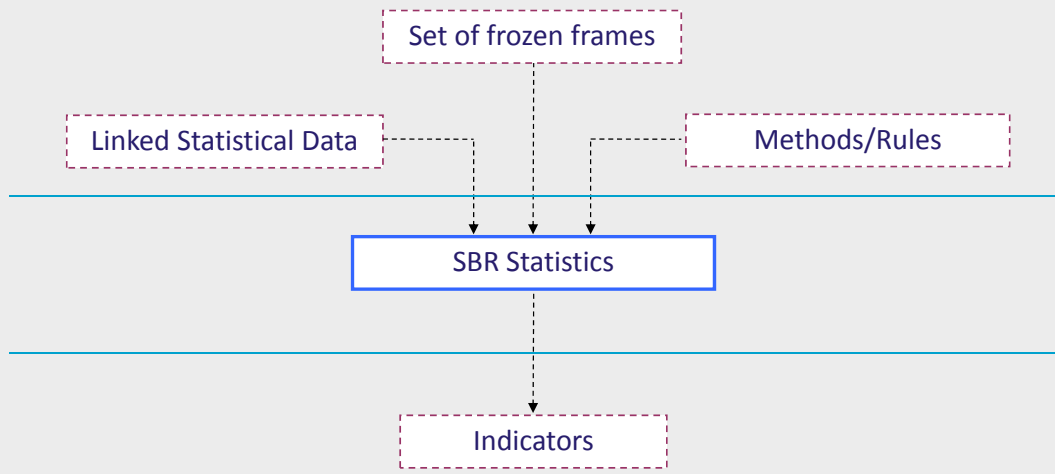


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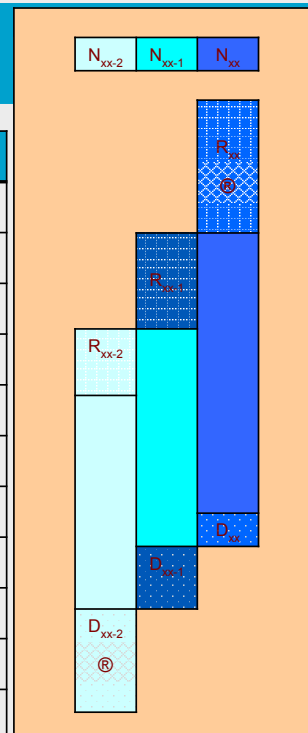


# 5. SBR Statistics

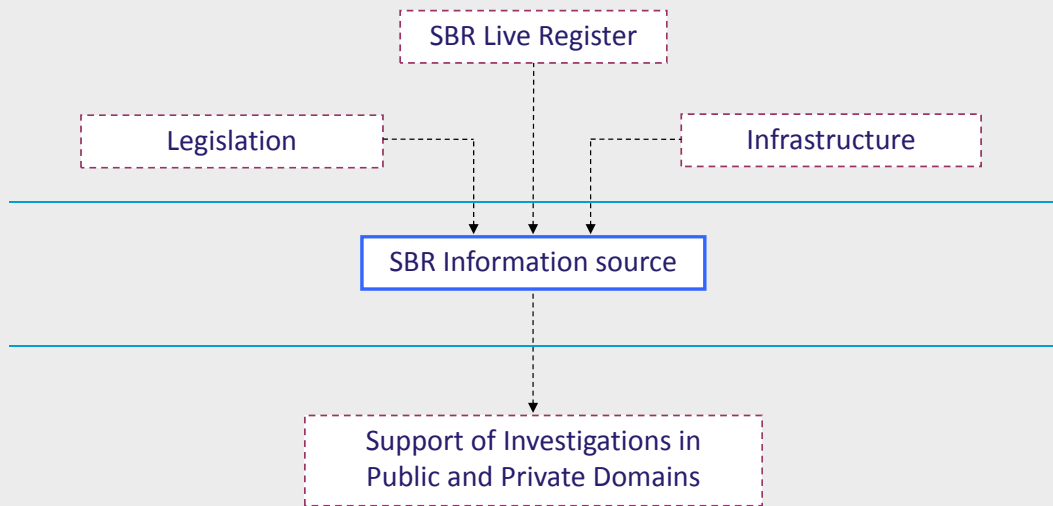


# Business Demography

SBR population	Methods / Rules	Notation
Active enterprises in year xx	Turnover / employment	$N_{xx}$
New enterprises in year xx	$N_{xx} \setminus N_{xx-1}$ (ID number comparison)	$X_{xx}$
Deleted enterprises from year xx	$N_{xx} \setminus N_{xx+1}$ (ID number comparison)	$Y_{xx}$
Sub-population from <i>matching step</i>	Location and Name	$X_1 (Y_1)$
Sub-population from <i>matching step</i>	Location and Activity	$X_2 (Y_2)$
Sub-population from <i>matching step</i>	Activity and Name	$X_3 (Y_3)$
Sub-population from <i>matching step</i>	Links between legal units	$X_4 (Y_4)$
Sub-population from <i>matching step</i>	Other information to detect 'unreal' Births/Deaths (e.g. typology of events)	$X_e (Y_e)$
Sub-population from <i>Reactivations</i>	$X_{xx} \cap N_{xx-2}$ (or $Y_{xx} \cap N_{xx+2}$ )	$A_r$
Real Enterprise Births	$X_{xx} \setminus (X_1 \cup X_2 \cup X_3 \cup X_4 \cup X_e \cup A_r)$	$R_{xx}$
Real Enterprise Deaths	$Y_{xx} \setminus (Y_1 \cup Y_2 \cup Y_3 \cup Y_4 \cup Y_e \cup A_r)$	$D_{xx}$



## 6. SBR Information source



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## Statistics Mexico (INEGI)

**DENUE:**  
National Statistical Directory  
Economic Units of Mexico.

**SAT:**  
Individuals and corporations who are responsible for the payment of contributions for themselves or by means of others, or are required to issue tax receipts.

**CFE:**  
Service users, who can be individuals or corporations, which have contracts for the supply of electric service. They are classified as domestic and non-domestic users.

Consultation system of administrative data



CLEE: Statistical Identification

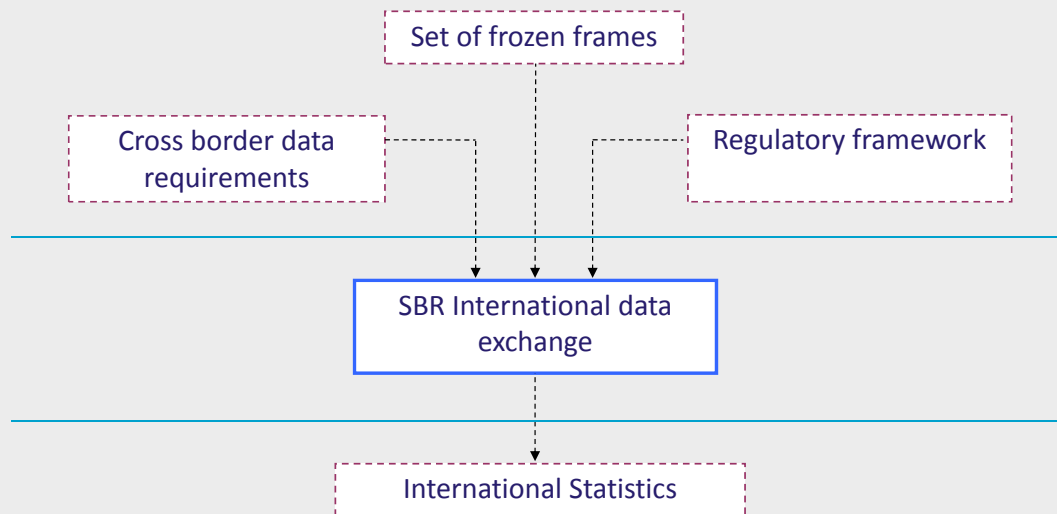
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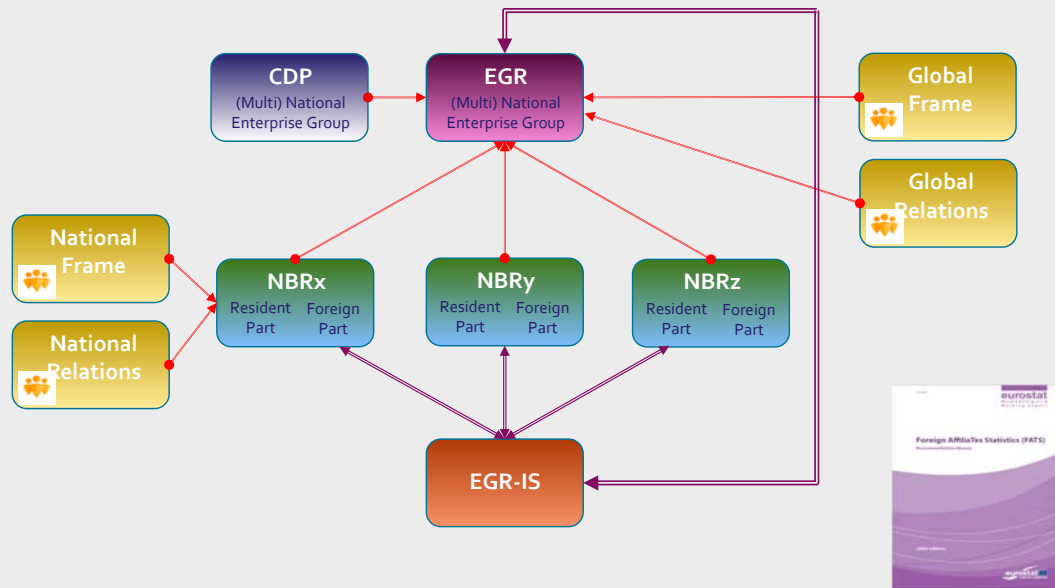
Barry



## 7. SBR International data exchange



# EGR



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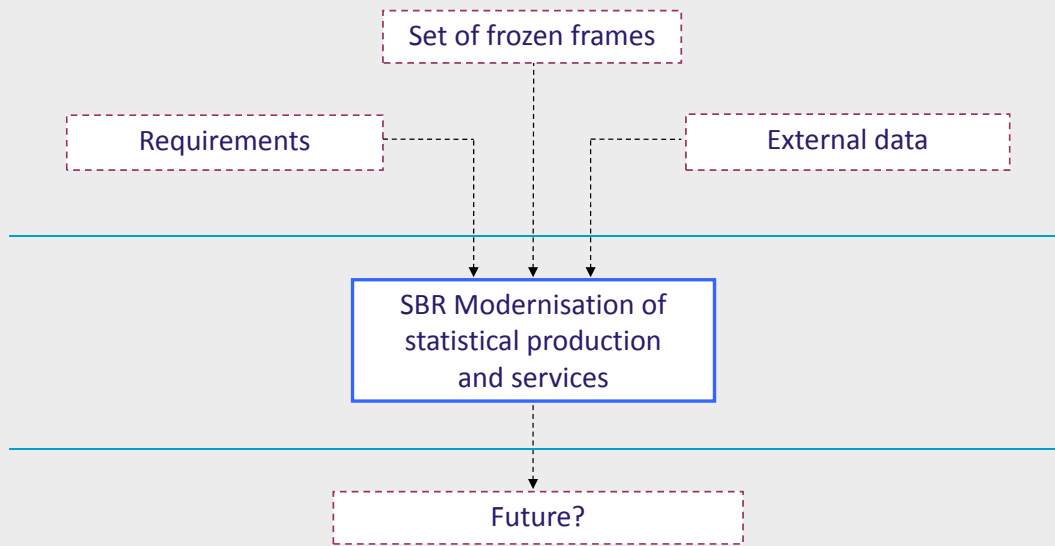


Irene

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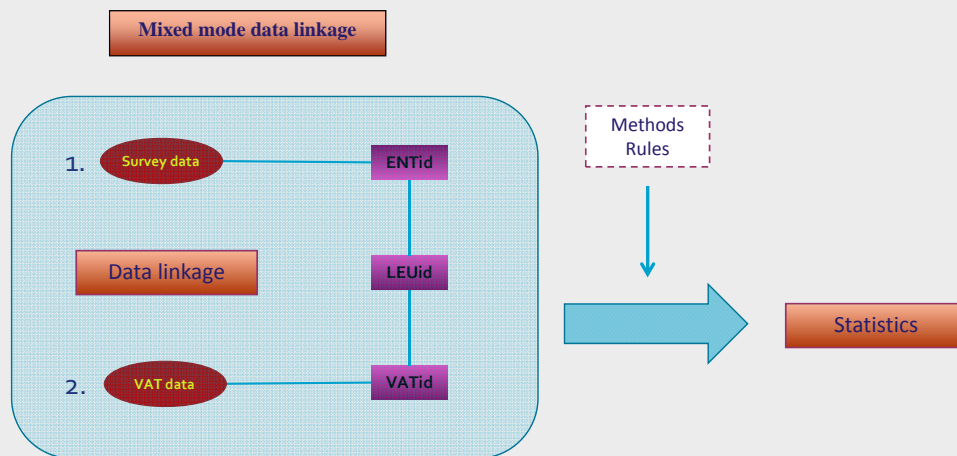
## 8. SBR Modernisation of S.P. & Services



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## Satellite support



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# Questions ?

