

# Information Sharing System

Addendum 1 to INF2

RID Standing Group – 23/11/2022

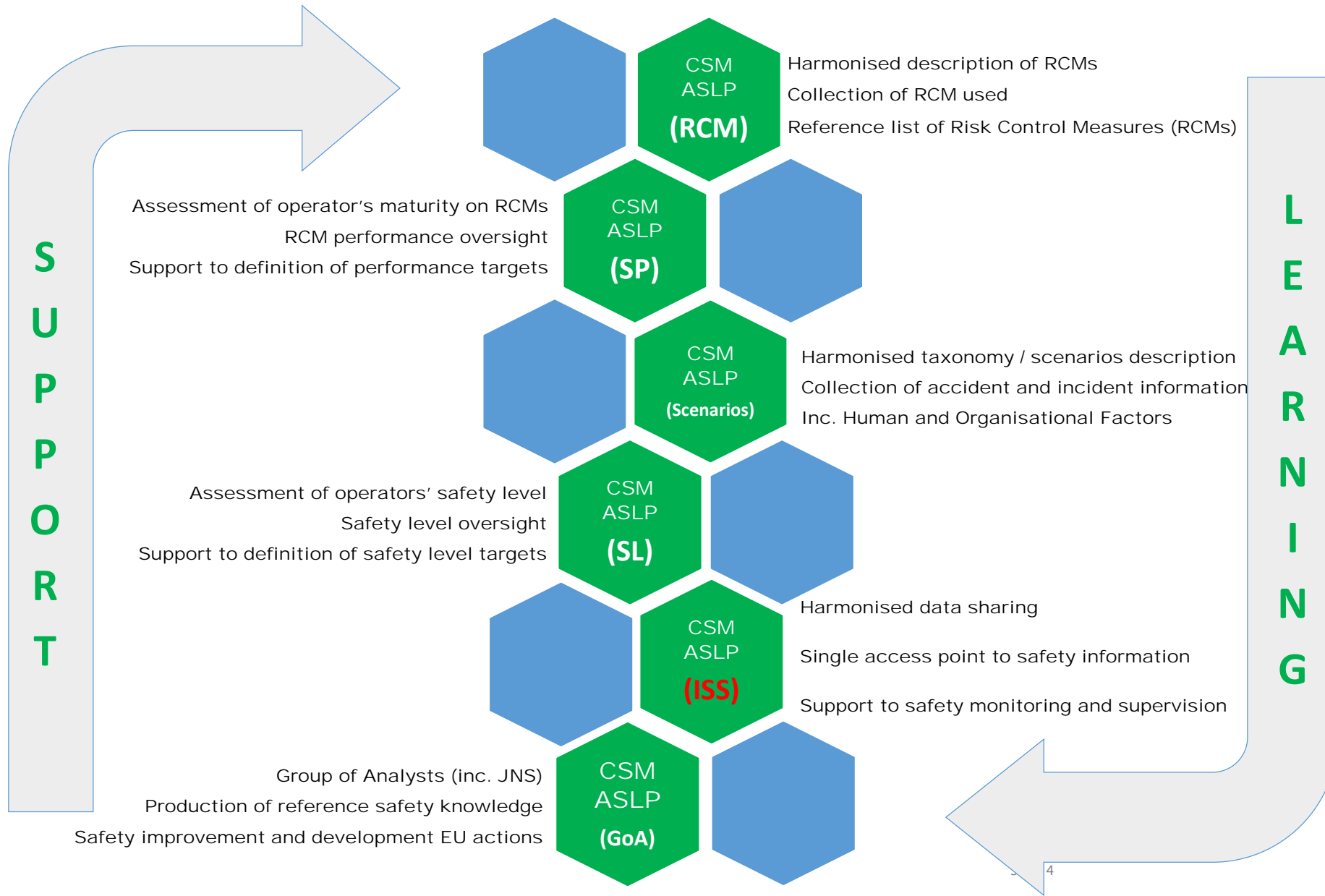


- **The CSM ASLP future regulation (delegated act from the European Commission)**

## Article 9 - Information sharing system (ISS)

1. The Agency shall establish a common information sharing system designed to share information in a technological platform.
  2. Any entity that is requested or entitled to share or retrieve information and data in accordance with this Regulation, before it starts sharing data and information with the ISS, shall be registered on the basis of a registration form and identification evidence, and shall be allocated to a category for application of appropriate sharing rules, in accordance with Part C of Annex IV
- .../...
14. At the latest 3 years after the final version of the ISS has been made available,  
**all safety data and information sharing tools managed by the Agency shall be integrated in the ISS”**

- Reporting by operators (RU/IM) in accordance with predefined taxonomy:
  1. Occurrences (linked with TDG legislation obligations)
  2. Scenario of occurrence (sequence of events and underlying factors)
  3. Risk control measures
  4. Continuous maintenance and development of RCMs (PDCA cycle)
  5. Volume of transport operations
- Harmonised assessments of operators (RU/IM) processed by ERA
  - Safety level assessment (based on operators' reporting)
  - Safety performance assessment (based on operators' reporting)
  - Aggregation of national and Union level indicators
- Group of Analysts
  - Working on collective learning and solutions (including JNS workflow with a legal basis)
  - Prevention of re-occurrence
  - Support continuous improvement of safety management (at operator/national/EU levels)
  - Support continuous improvement of the CSM itself (harmonized taxonomy revisions...)
- Information Sharing System
  - Supporting sharing of information all railway actors
  - Possible link with pre-existing systems with a Common Digital Interface



## Business Areas

### Main menu

Notifications

-> Any notifications of started/completed actions and action requests

Occurrences

-> Reporting of Occurrences, including alerts linked to any event types

Safety Management

-> Risk scenarios and risk control measures / Safety performance reporting

Indicators

-> Any type of railway safety indicators/ Safety Levels/ Safety Performance / CSIs

Analyses

-> GoA Analyses / GoA-JNS Procedures

Investigations

-> NIB Investigations

Recommendations

-> Any recommendations from legal entities, including NIB recommendations

Guidance and FAQ

-> ISS Online Guidance / Public ISS FAQ

Learning and Support

-> Access to reference material (e.g RCMs) and also Guides, training material...

Data Management

-> Data queries / Batch operations / APIs

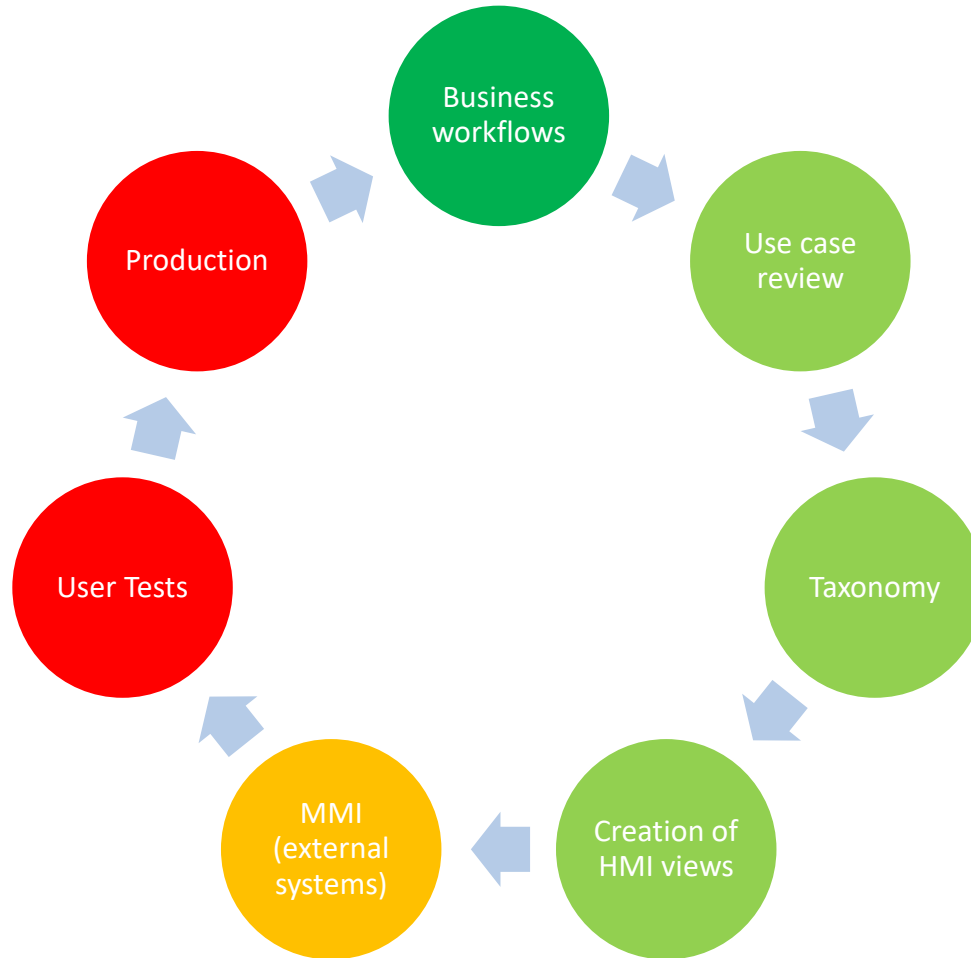
Administration

-> Entities, Systems and User accounts management /Task Forces / Agreements

Taxonomy

-> ERA KG / Safety taxonomy / Railway System taxonomy

## ISS development cycle



Green: in ISS description

Orange: only principle approach described

Red: When IT dev. budget allocated

-> several business workflows to be considered (not only core CSM ASLP requirements)

-> minimize developments necessary for each ISS implementation phase and workflow

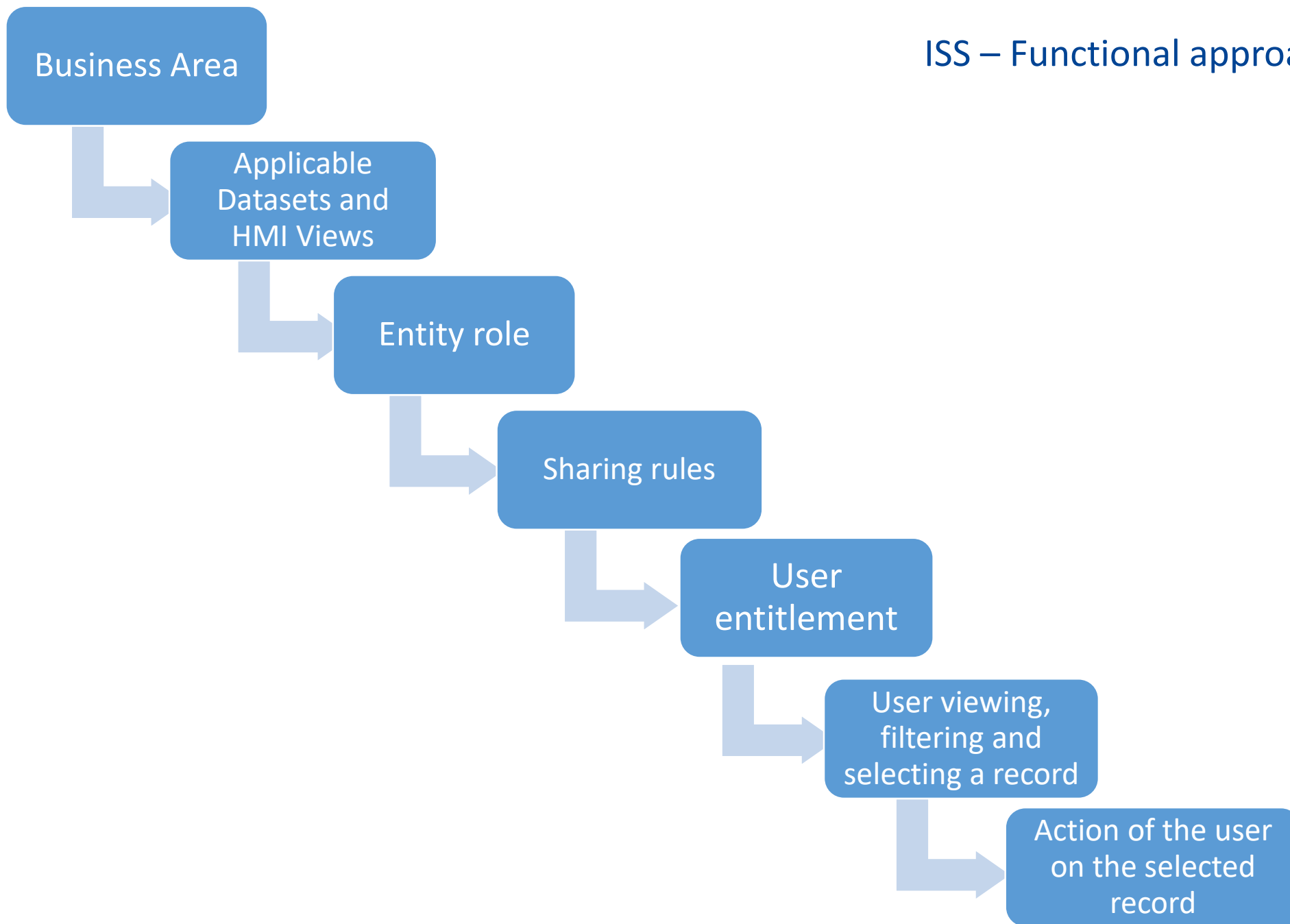
-> maximise the benefits of the harmonized taxonomy serving several workflows

- 3 documents under finalization on the ISS Business Description

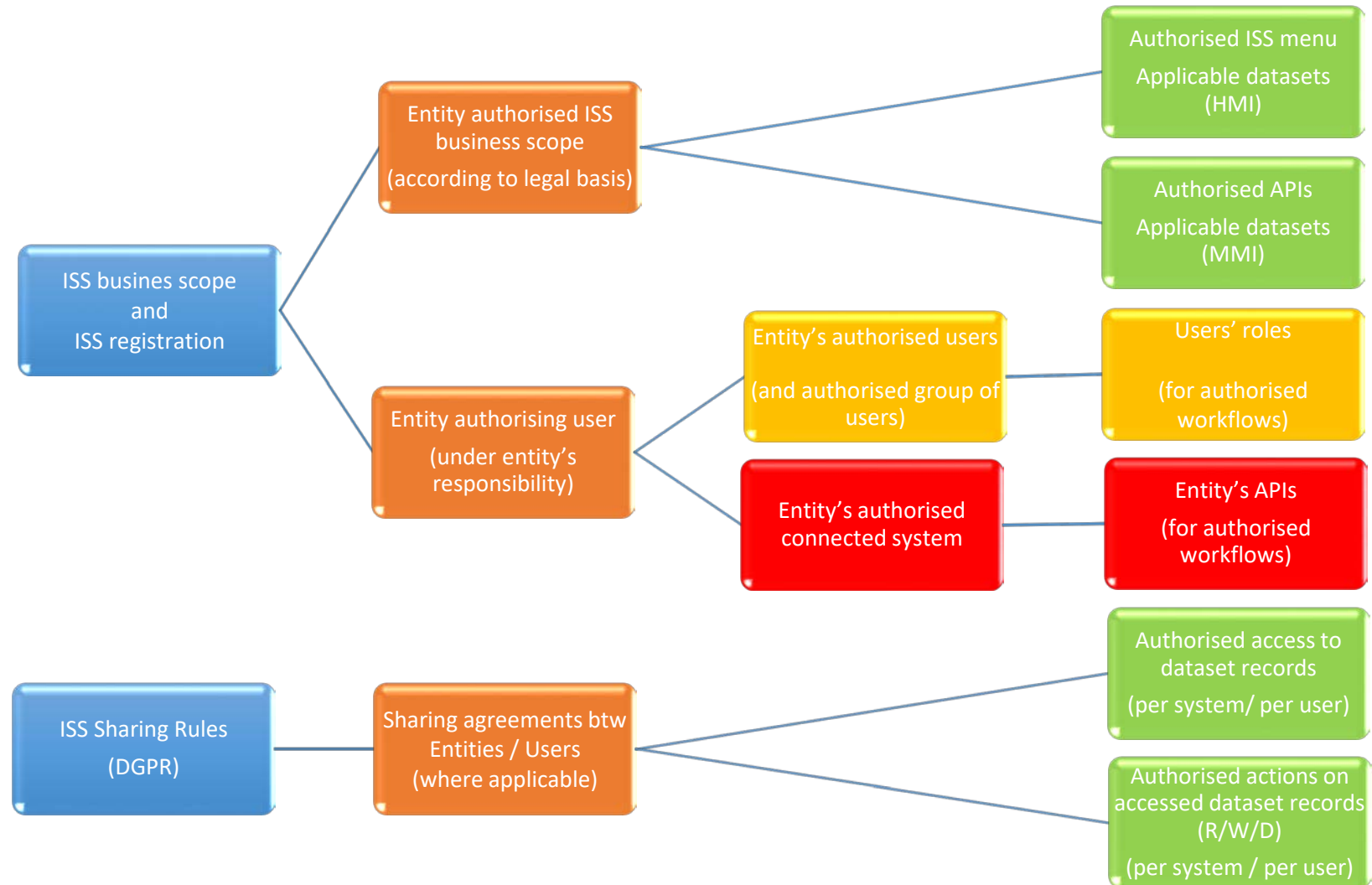
[EXTID-91368057-16685](#) (word overview document -draft)

[EXTID-91368057-16684](#) (list of attributes - draft)

[EXTID-91368057-16686](#) (pre-defined values - draft)







Records within a business area



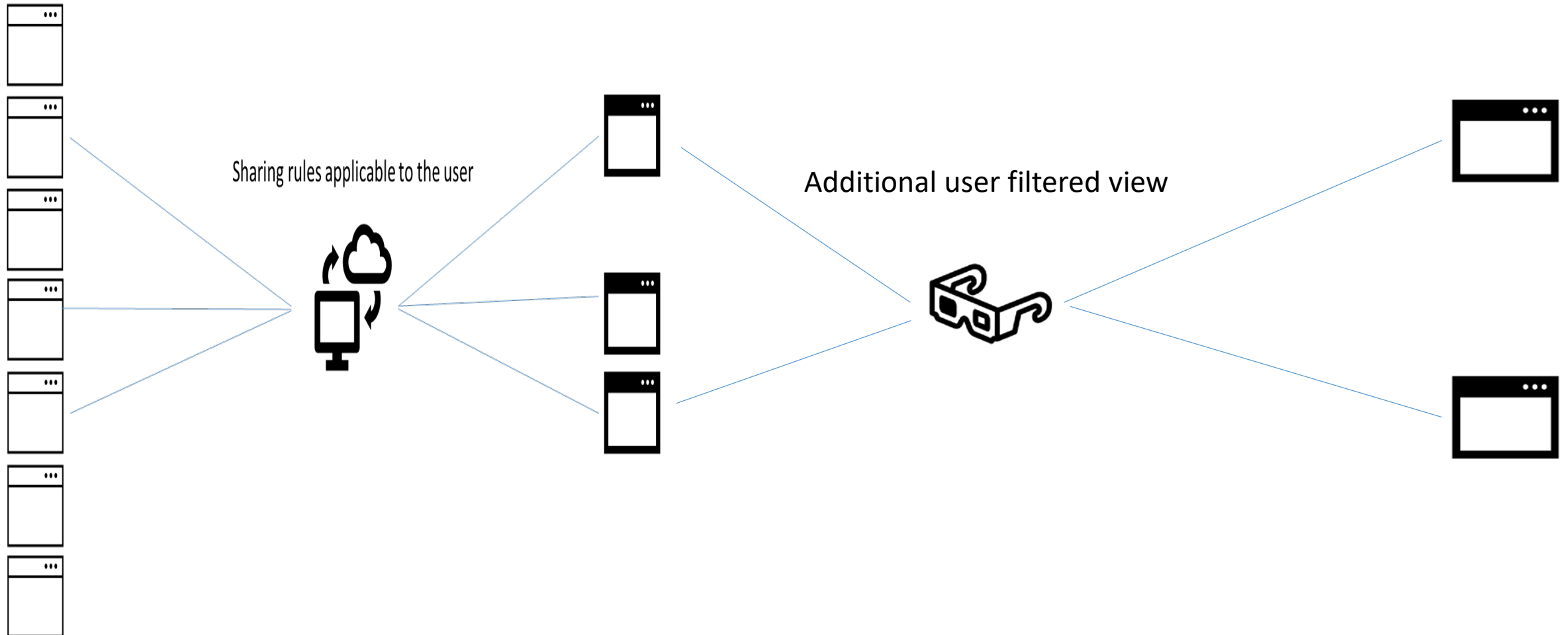
Sharing rules applicable to the entity/user




Records accessible by  
the entity/user in  
accordance with his/her  
access rights



## Datasets of a business area



## ISS HMI – The three dots function (right hand side click on a selected record)

Actions on dataset records			
	New	Allow a user to create a new dataset	Limited to users with WRITE entitlement (start a new record from
	View	Allow a user to view an existing dataset	Limited to users with VIEW entitlement
	Edit	Allow a user to update an existing dataset	Limited to users with VIEW and WRITE entitlement
	Archive	Allow a user to archive an existing dataset	Limited to users with VIEW and WRITE and ARCHIVE entitlement
	Share	Allow a user to share a new dataset	Limited to users with VIEW and WRITE entitlement
	Go to related reports	Allow a user to access the link(s) to documents attached to a dataset	Limited to users with VIEW entitlement
	Export	Allow a user to create a file containing a data and information	Limited to users with WRITE entitlement (new void)

## ISS HMI – The three dots function (right hand side click on a selected record)

Datasets of a  
business area



Sharing rules applicable to the user



Datasets  
accessible to  
the user




Additional user filtered view



Datasets  
filtered by  
the user



Action on a  
dataset  
selected by  
the user

	New
	View
	Edit
	Archive
	Share
	Go to related reports
	Export

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Your comments, suggestions, questions... are welcomed !!!



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