



Validation Data  
Repository



# Validation Data Repository Presentation

EUROCONTROL 21 March 2002



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# Scope of the VDR



# Validation Road Map





# Validation Information Now

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There is a lot of information

- But no overview available
- And no structure
- It is difficult to get access to the results

So:

- Little reuse of existing knowledge
- Lots of fragmentation
- And no overall picture

**There is an information management issue**



## The VDR is ...

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...a flexible management information system for ATM validation information, that:

- provides a single secure managed repository of structured validation information;
- is the source of guidance on how to use validation information, and;
- supports views of validation information depending on the user type and role.

**The VDR helps to manage validation information**



# The EATMP Validation Framework and the VDR

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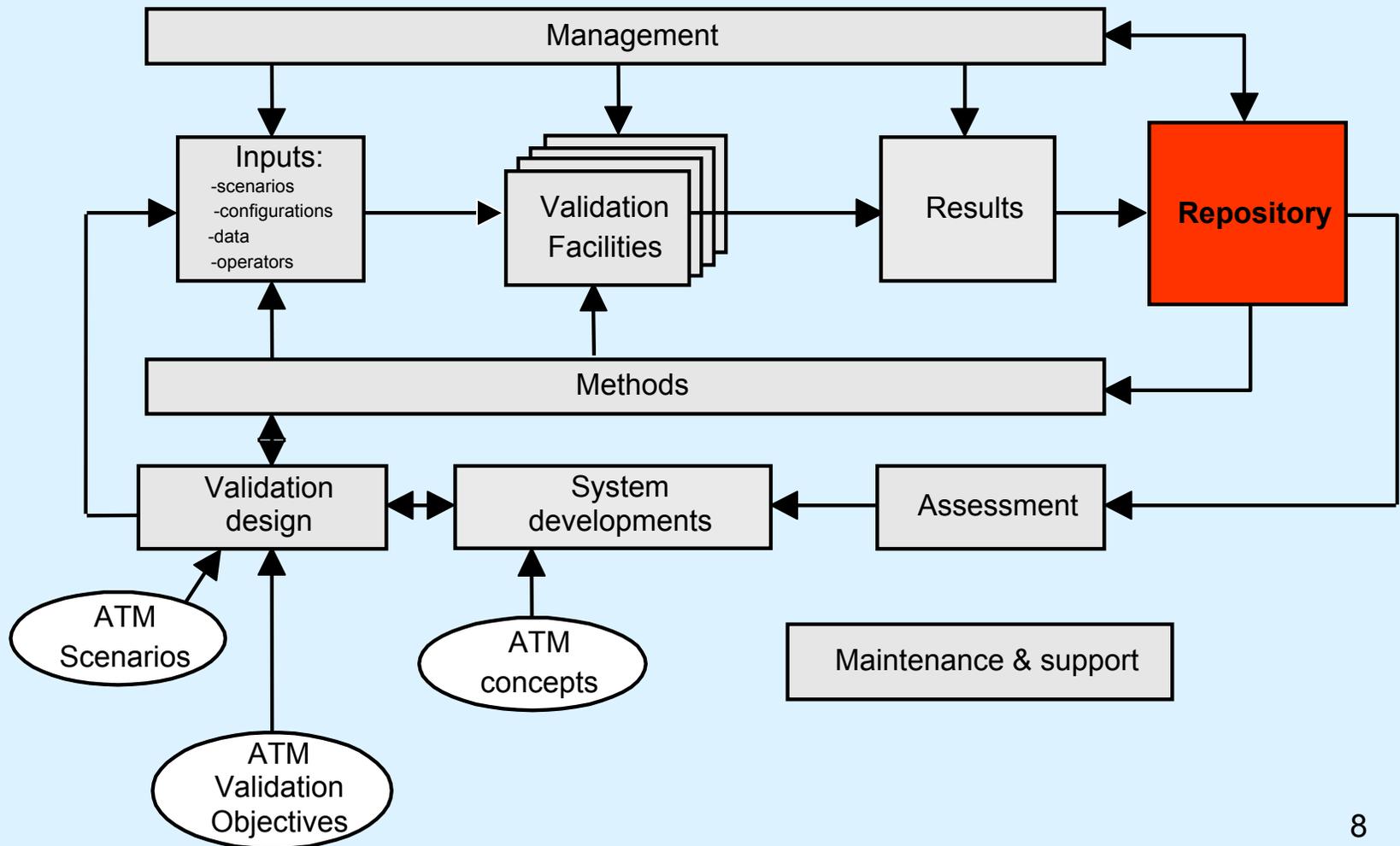
Validation is a key process in the development of ATM Services:

- A Validation Framework is being developed for EATMP including Validation Strategy, Validation Master Plan, methodologies, etc.
- VDR is an integral part of the Validation Framework
- Intended that the Validation Framework will be incorporated into the standard EATMP management processes

**The VDR enables the structures and processes for validation information management and facilitate the exchange of knowledge for both EATMP and the ATM validation community**



# Example: EU - Validation Framework (from CAVA)





## The VDR will help Validation projects

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- To organise their validation activities
- To structure and manage their validation information, thereby:
  - Reducing time taken to find relevant information e.g. for justifying operational requirements
  - Allowing identification of reusable scenarios and outputs
  - Preventing unnecessary repetition
  - Maximising the synergy of experience



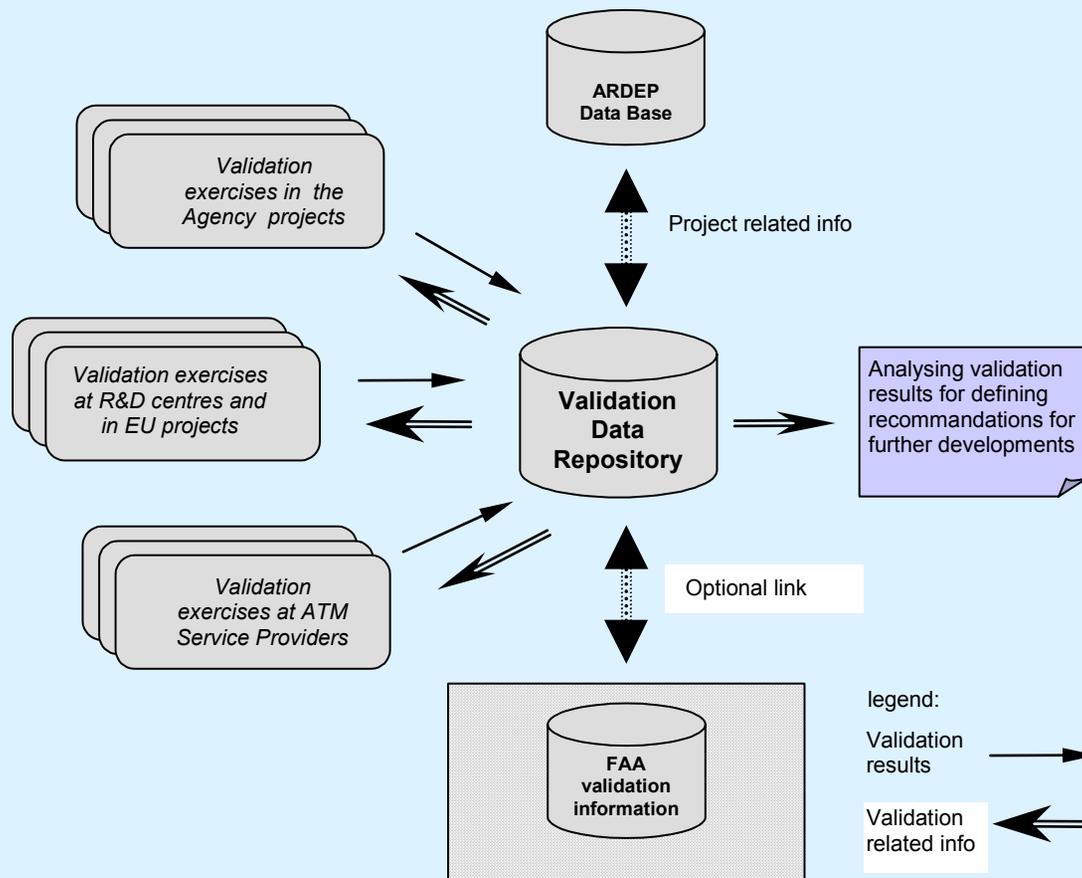
## The VDR will help Validation co-ordinators

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- To assess whether Expected Benefits will be achieved
- To identify gaps in, and prioritise, validation activities
- To manage Overall Validation
- To specify the use of common validation methodologies, for example, scenarios, performance measurement indicators and metrics



# The boundaries of the VDR

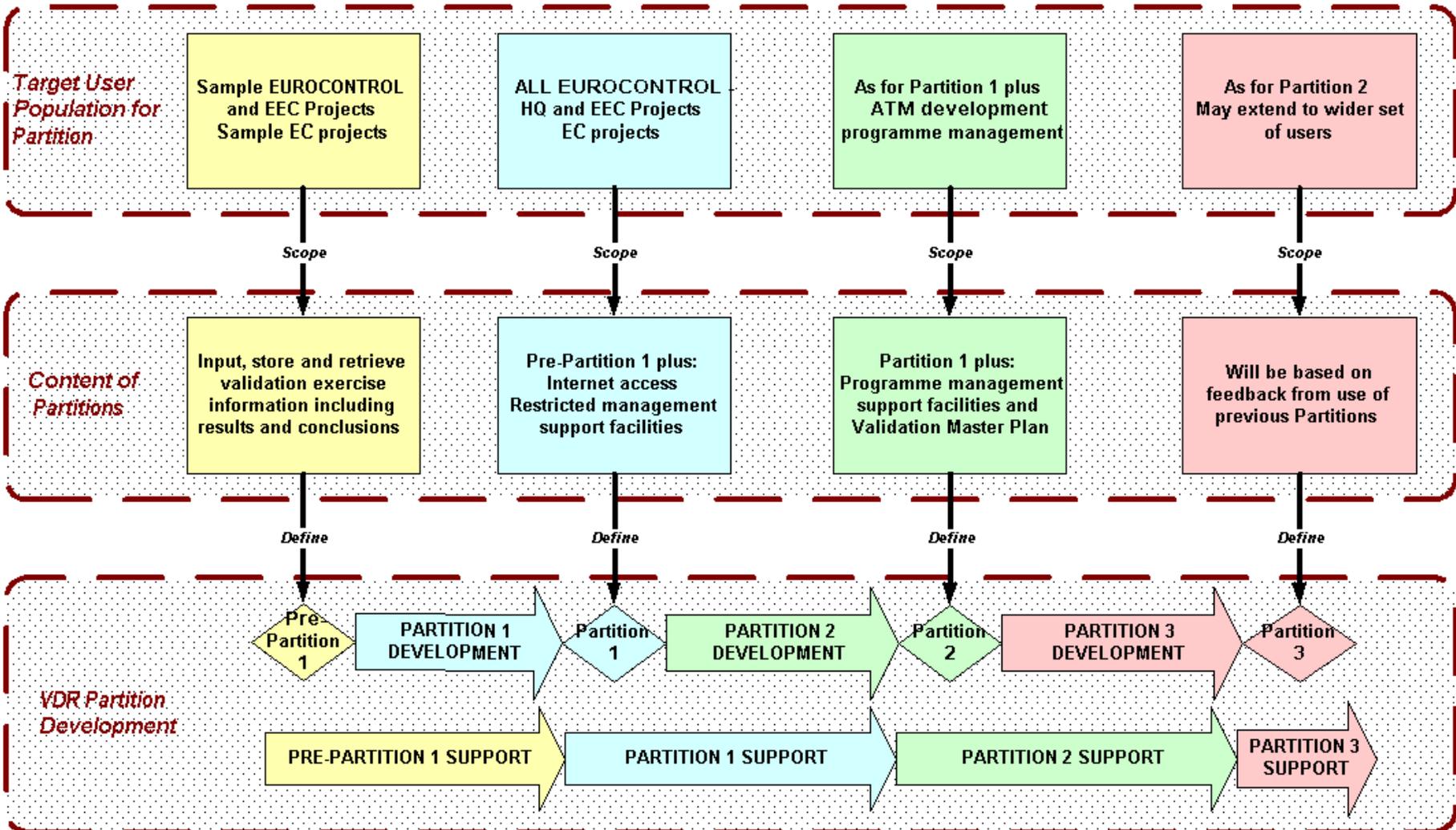




# Implementation of the VDR

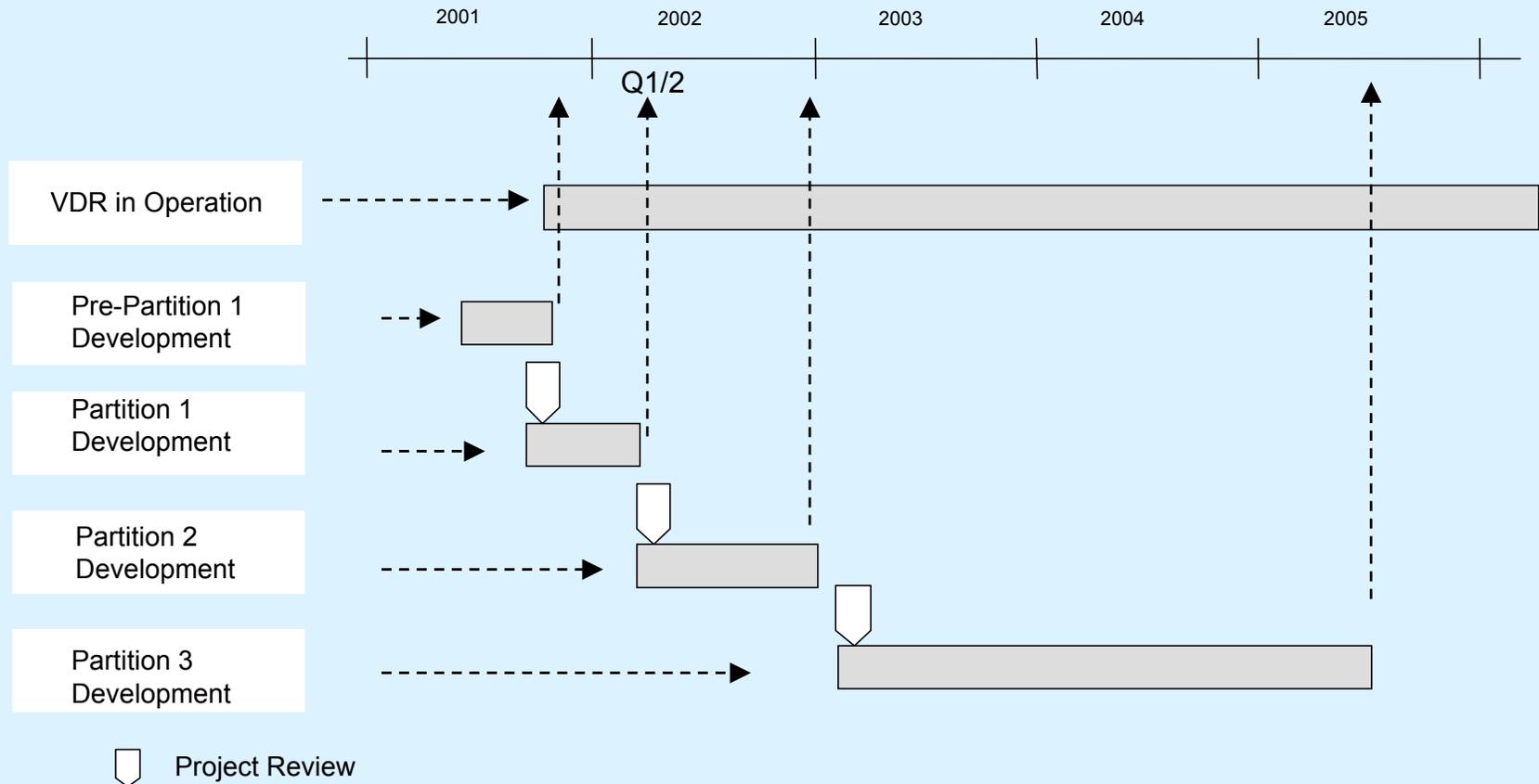


# Phasing of Deliverables:





# Project Planning





# Project Status and Current Activities



## Project Status:

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- Promotion/Information/Communications
  - VDR presentations to EATMP/EEC projects
  - Liaison with EC THEATRE for a Validation Interest Group
  - VDR Web Page is set up: <http://www.eurocontrol.int/eatmp/vdr/>
- 1st version of the VDR is live on the HQ network, accessible from the EEC, focusing on support of initial validation data capture activities
- VDR is being populated with EATMP validation activity data from past projects (e.g. EACAC, PHARE)
- Liaison with current projects (e.g. Link2000, MFF, INTEGRA, GATE to GATE) on approach to data capture
- Ongoing liaison with European Commission (MAEVA) and the FAA to harmonise Validation Frameworks and collaborate on potential use of VDR



## VDR Implementation Current Activities:

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- Detailed technical discussions with MAEVA and the MFF and CARE/ASAS projects on how VDR can support their activities
- Continued development of Partition 1 functions, including Internet access and roll out of security functions
- Extended capture of validation data to include current projects, notably MFF, INTEGRA
- VDR training and Interest group



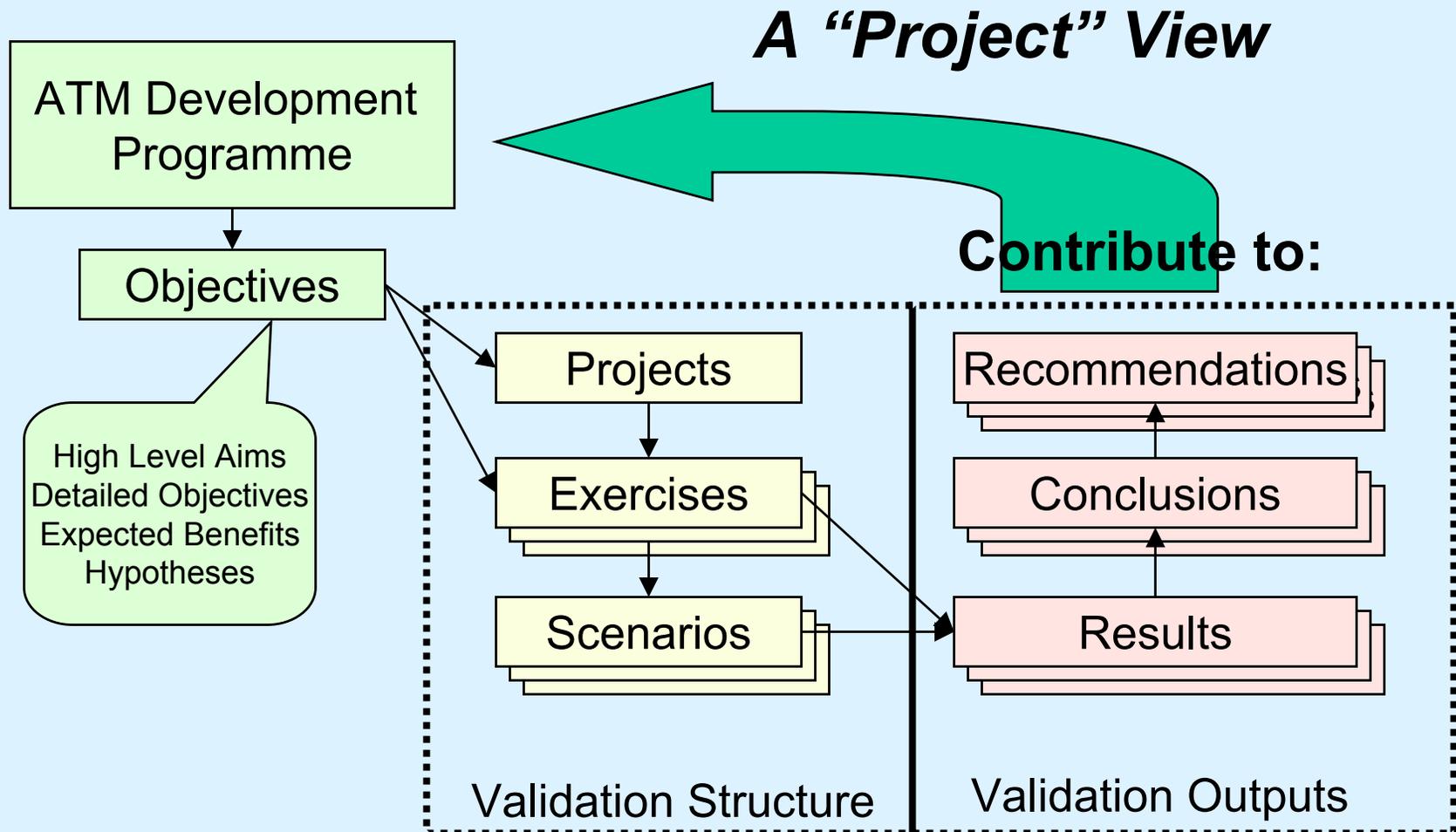
## The VDR Implementation Project is:

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- In progress and delivering initial benefits with the first version live on EUROCONTROL network
- Generating real interest in the validation community
- Building collaborative relationships with CARE/ASAS project and others (e.g. MAEVA, MFF and FAA)



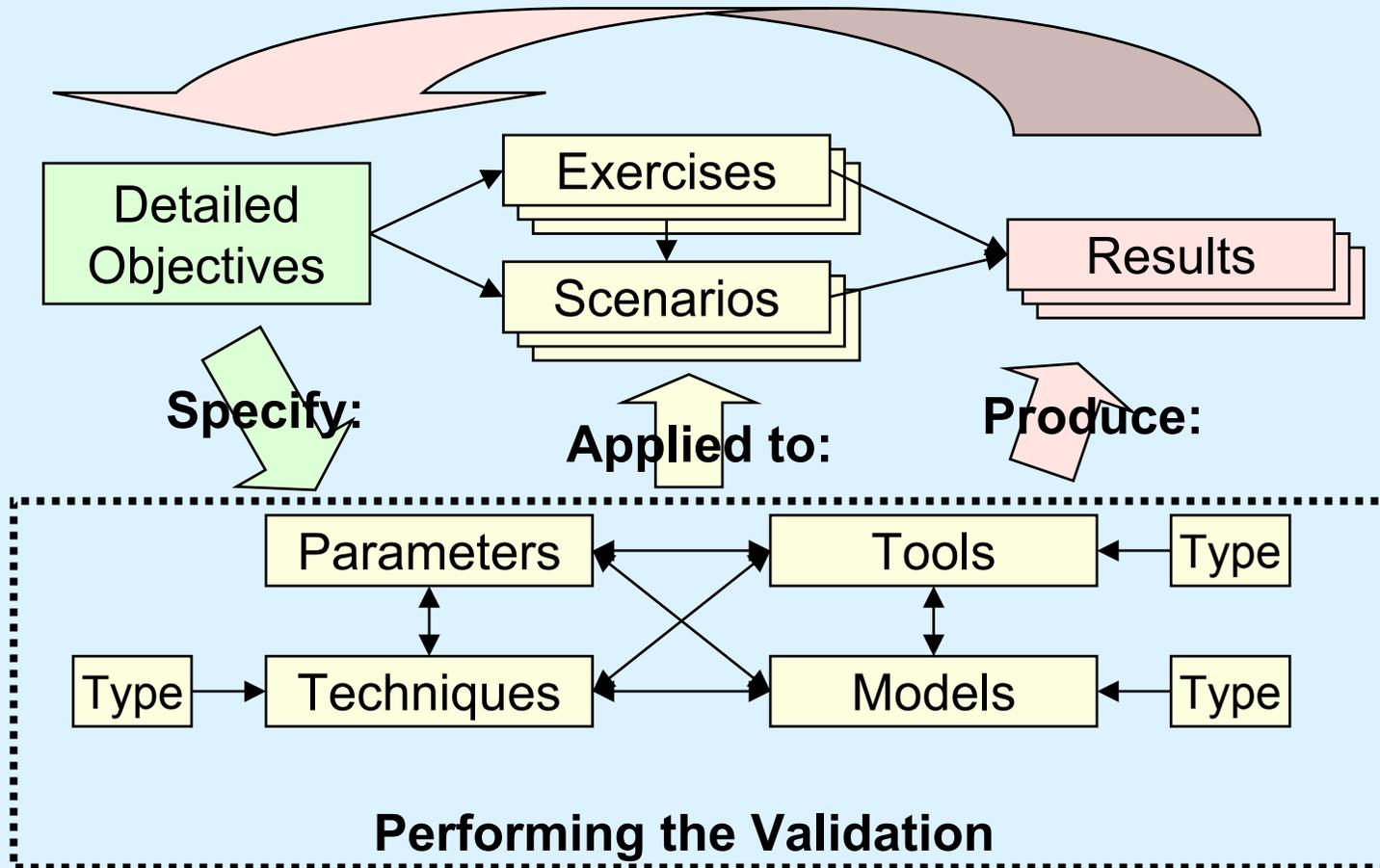
# How the VDR organises Information





## VDR Information Structure (2)

### A “Technical” View





# Example VDR Data Entry Procedures

