



Food and Agriculture
Organization of the
United Nations



The International Treaty

**ON PLANT GENETIC RESOURCES
FOR FOOD AND AGRICULTURE**

The GLIS Web Portal

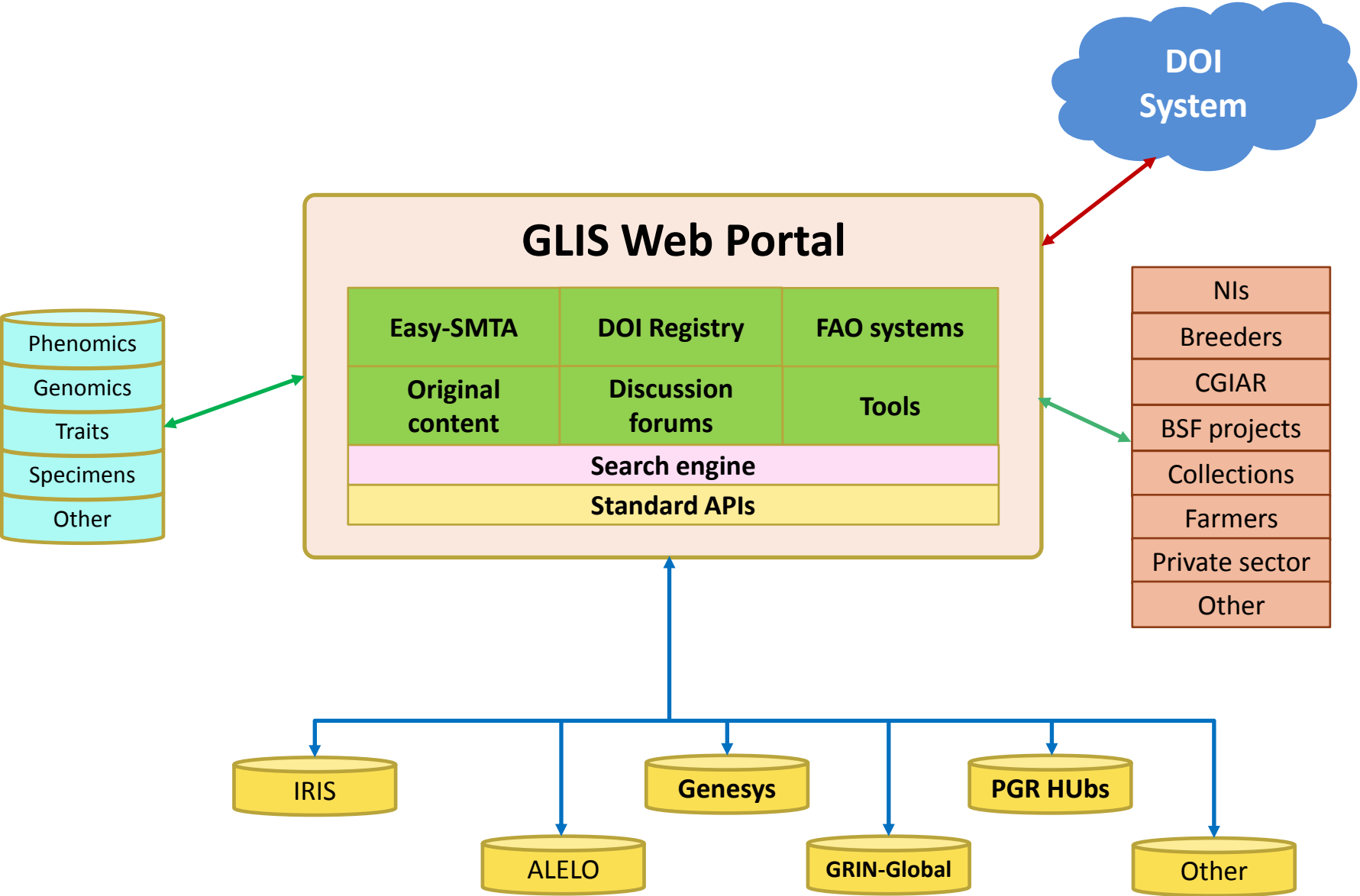
1st Scientific Advisory Committee meeting
24-25 November 2016, Rome

Marco Marsella
Secretariat of the International Treaty, FAO

Overview

- General architecture
- Main concepts
- The GLIS DOI registration service
- Integration Toolkit
- Updates on initial adoption of DOIs
- DOI System initiatives potentially relevant to GLIS
- Final remarks and feedback received
- Advice sought

General architecture



Main concepts

- Global entry point to information on scientific, technical and environmental matters related to PGRFA
- Address all types of PGRFA
 - including *ex-situ*, *in-situ* and on-farm
- Promote interoperability among existing systems
 - identify tools, formats and protocols and promote their adoption
 - participate in standard setting initiatives
- Link to systems from FAO and third parties
- Provide a set of tools to address specific needs
- Collaborate with existing initiatives to improve data quality
 - Genesys
 - EURISCO model
 - GRIN-Global

Route forward

- Definition of requirements
- First prototype ready by GB7
 - subject to availability of resources
 - selected representative partner systems to demonstrate concept