

# GACS Workshop

Use cases

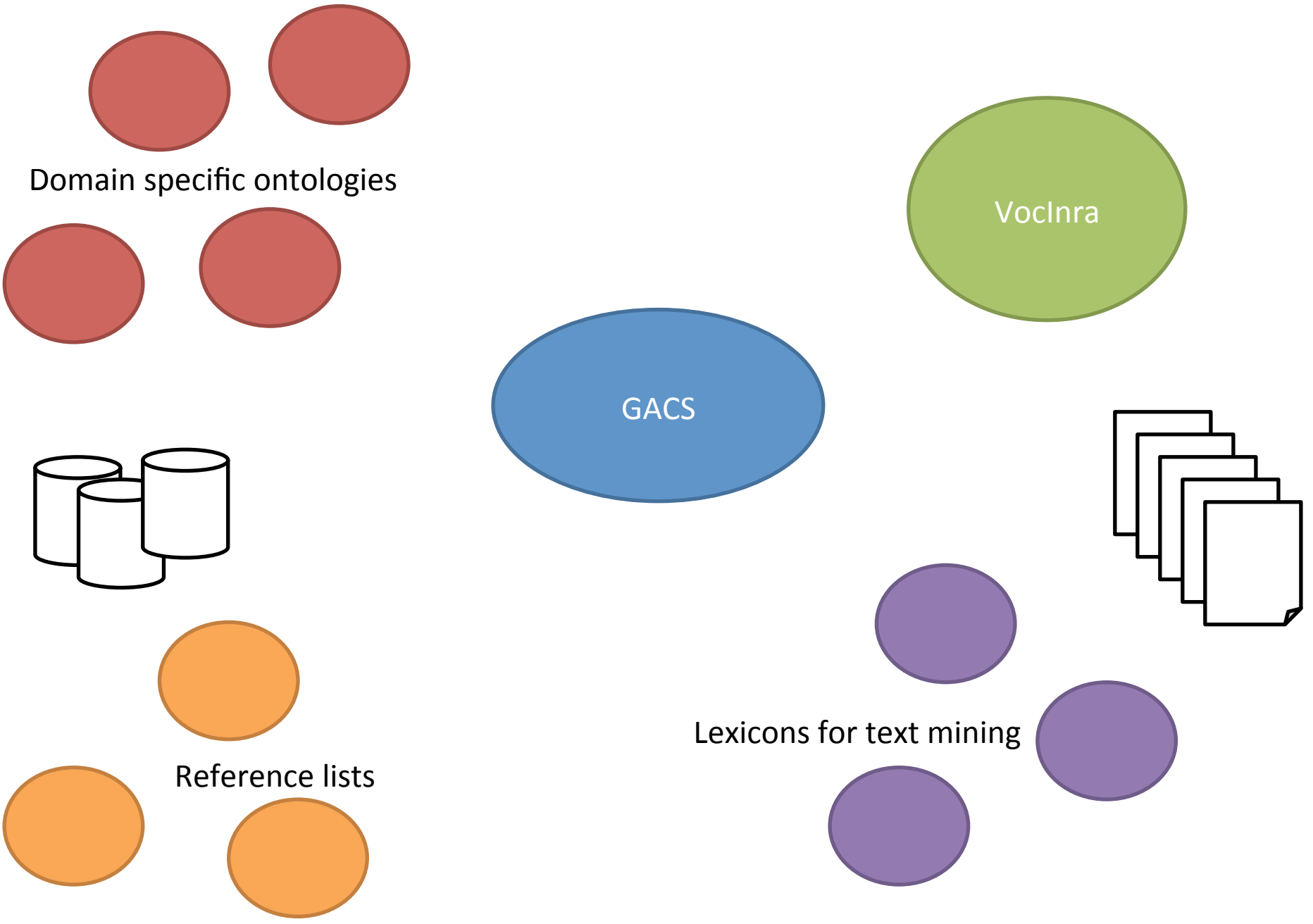
Goettingen 11/2016

# What INRA wants from GACS

- INRA's assets
  - Voclnra: thesaurus for manual indexation of scientific publication in institutional archives
  - Ontologies developed and maintained by researchers
  - Reference lists (e.g. crop pests)
  - Lexicons for text mining tools
  - Datasets hosted in Inra's data centers or community repositories (non RDF)
- Other interests: connected objects for agriculture

Need: make all these interoperable with each others and with external resources in order to enhance:

- discovery
- reuse



Domain specific ontologies

VocInra

GACS

Lexicons for text mining

Reference lists

# Example of ANaEE thesaurus

- A thesaurus for experimentation on ecosystems
- Used for discovery and access to resources
- Mapped to Agrovoc and GEMET
- Want to map to other thesauri and ontologies to increase interoperability with databases, tools, services...

« 1 to 1 to many » mapping

# How INRA sees GACS

- A set of concepts representing the domain (globally)
  - + lists of reference for animals, crops, diseases...
- IS-A relationship
- Hierarchy enough to disambiguate but not more
- Facets/groups for thematics or other views seem useful for access and reuse

GACS as a reference / hub to map to