

Value through Planning

The logo for Runge Limited, featuring the word "runge" in a stylized, italicized font. The letters "run" are white with a blue outline, and the letters "ge" are solid red. The logo is set against a blue background with a white grid pattern.

**runge**

Ben Axford

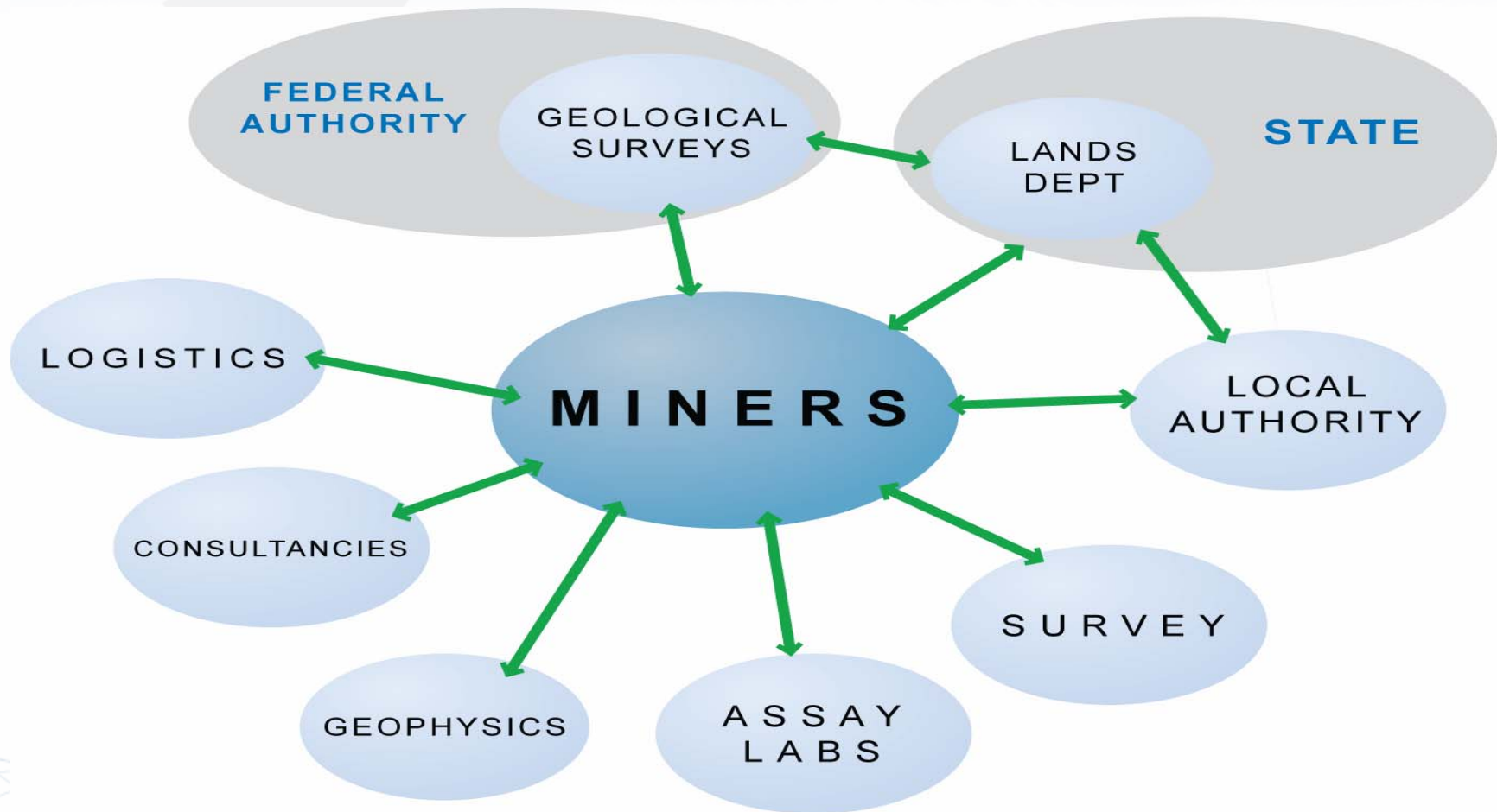
SEE Grid III

What we could achieve in the Australian Mining Industry  
with a standards-based interoperability framework

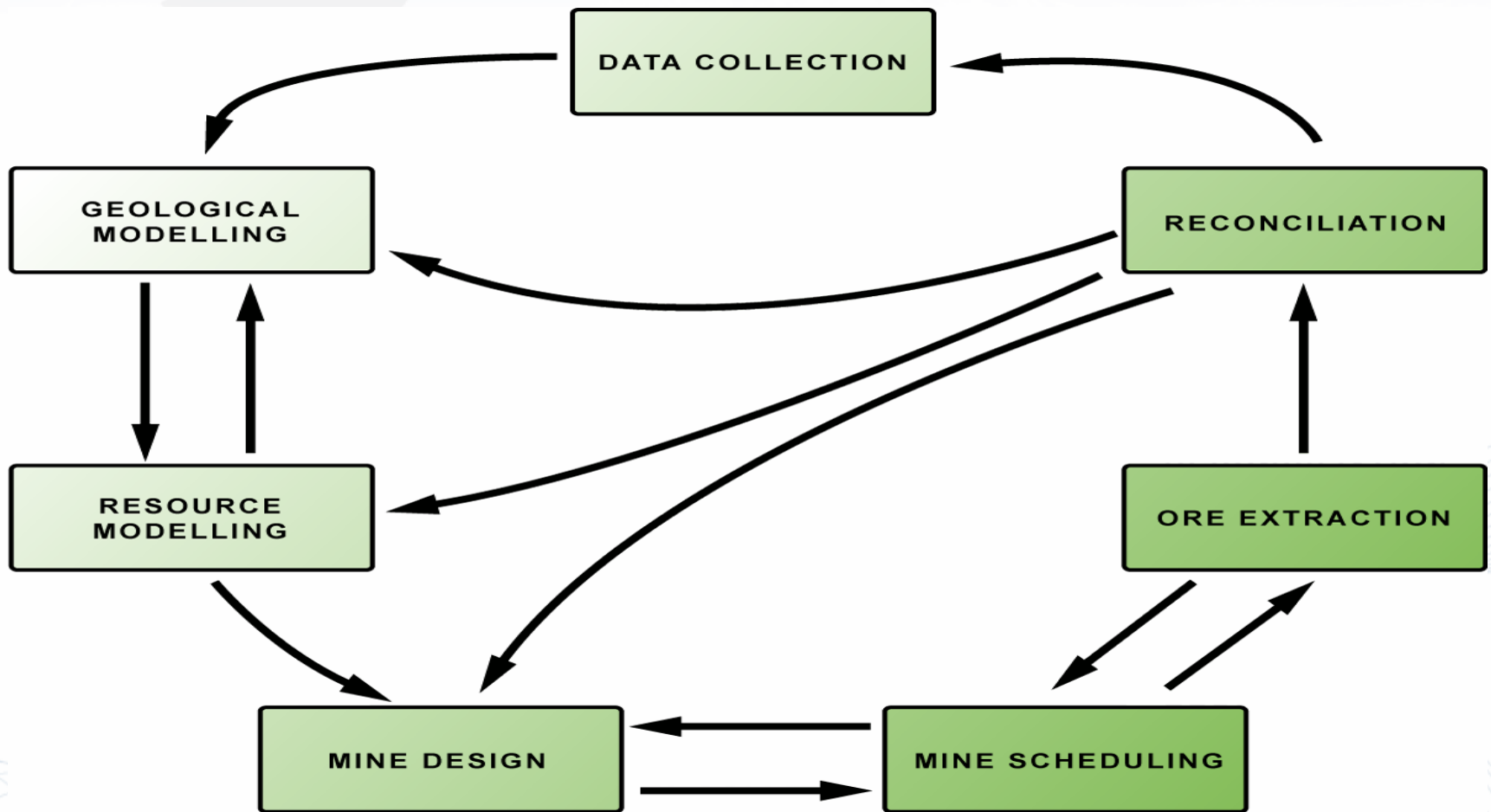
# Standard interoperability format.

- Advantages
- Roadblocks
- Solutions

# Mining Industry Touch Points



# Internal Mining Data Flows



## Advantages of a Standardised Interoperability Framework

- Less manual handling of data
- Reduced cost of integration
- Lower risk of data loss
- Reduced Software Lock-In
- Better knowledge Worker use of time.



# Central Advantages.

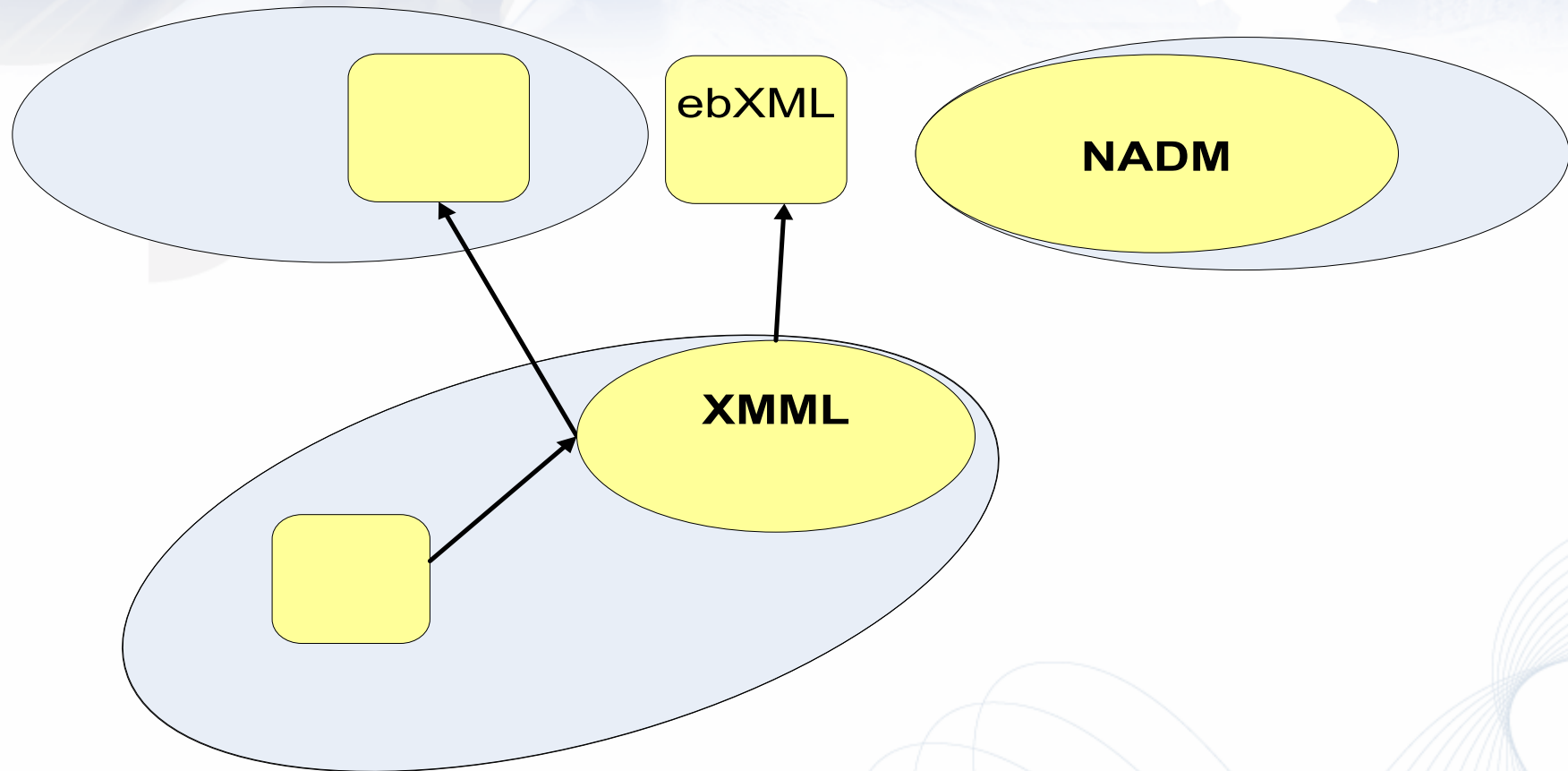
Let the expert be the expert.

Not the data entry Clerk.

# ROADBLOCKS

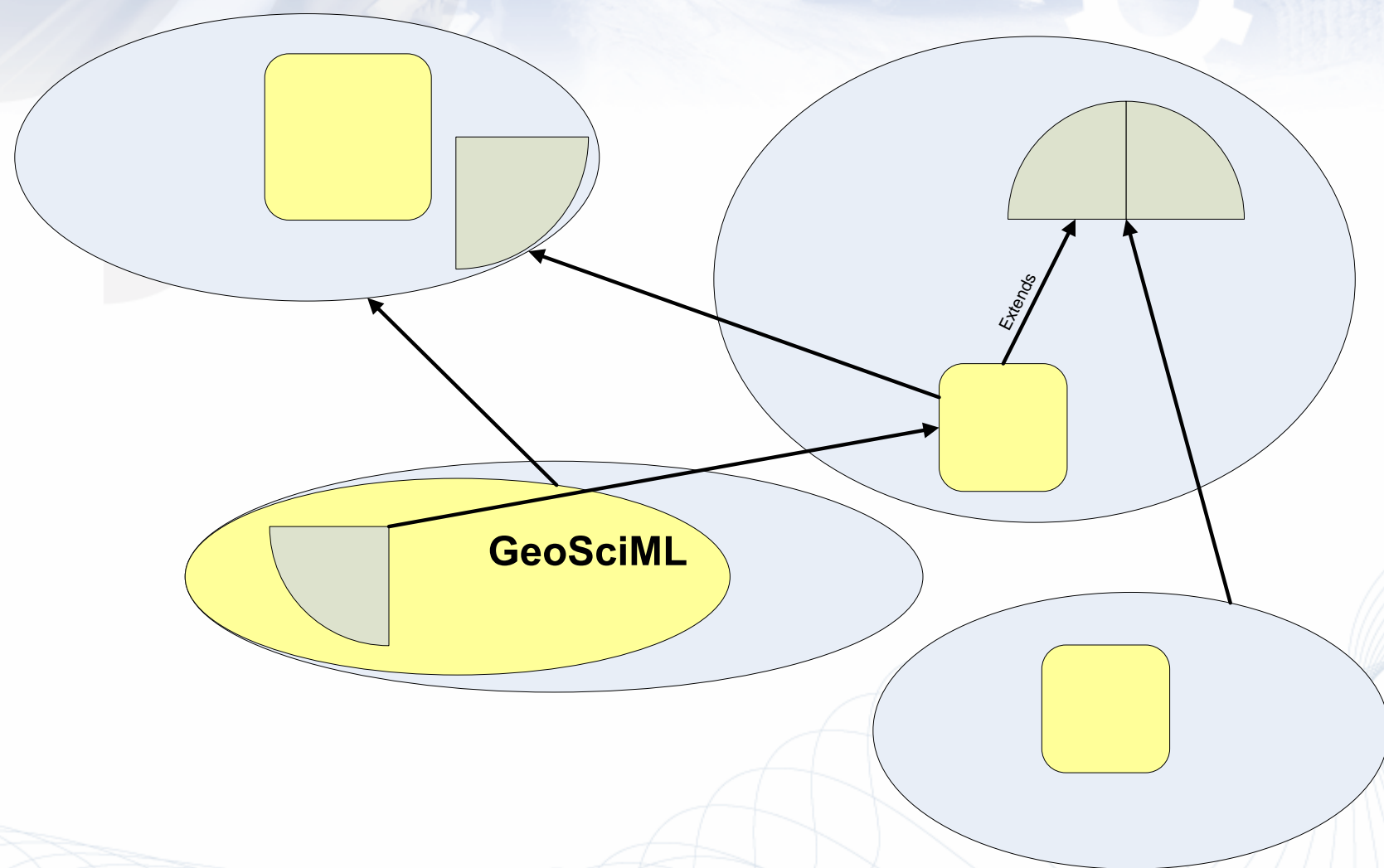
- Historical Vendor issues
- Vendor desire for lock-in
- Lack of desire on the part of Mining Houses
- Lack of international focus

# History of XMML





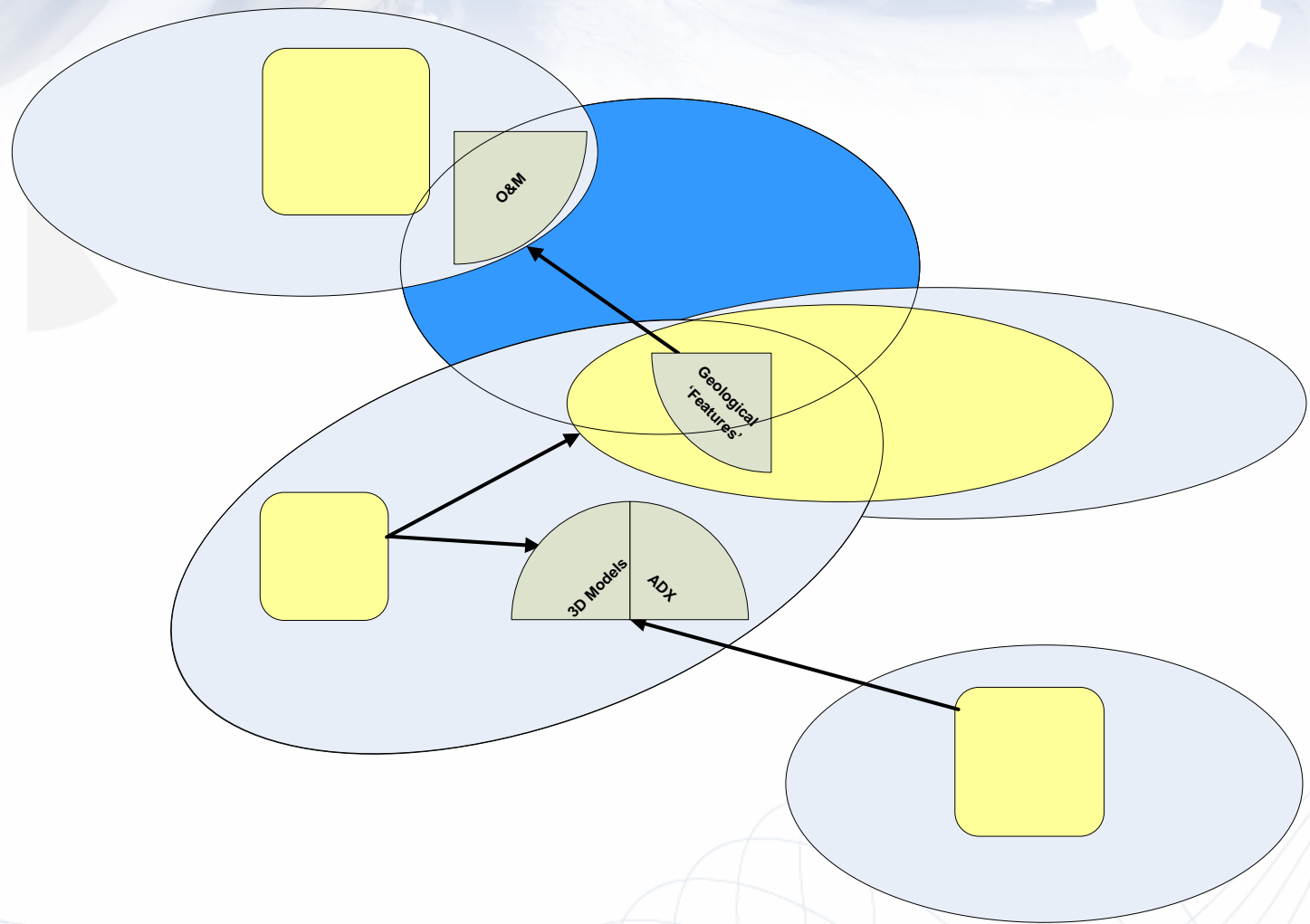
# Current State



# Governance Issues.

- Difficulty engaging Industry
- Reluctance in directly funding CSIRO
- Vendors not convinced.
- Geological Surveys are waiting for direction from Industry.
- No international focus

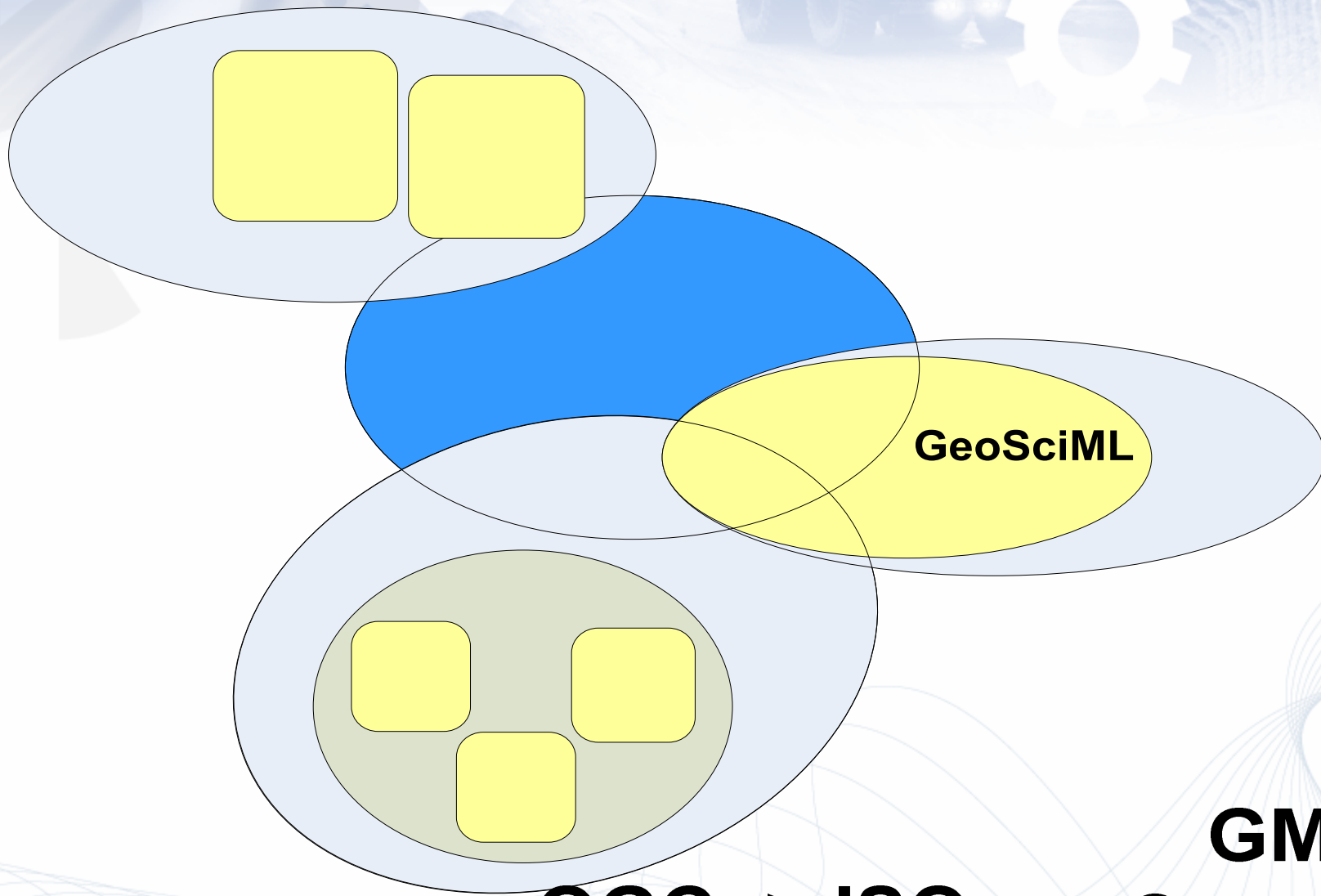
# Possible Future State



# Industry Consortium - Advantages

- A Clear direction to provide Industry
- A well defined group of experts
- Encourage Industry funding
- Model works well for Petroleum Industry.

# Possible State



**OGC -> ISO**

Open Geospatial

Consortium

**GML**

Geography  
Markup

Language

*Value through Planning*



A collage of blue-tinted images including a large gear, a person working at a computer, a truck, and another gear.

# Thank you