



BUILDING A


# SUSTAINABLE

*market for data services*



[www.cloudsigma.com](http://www.cloudsigma.com)



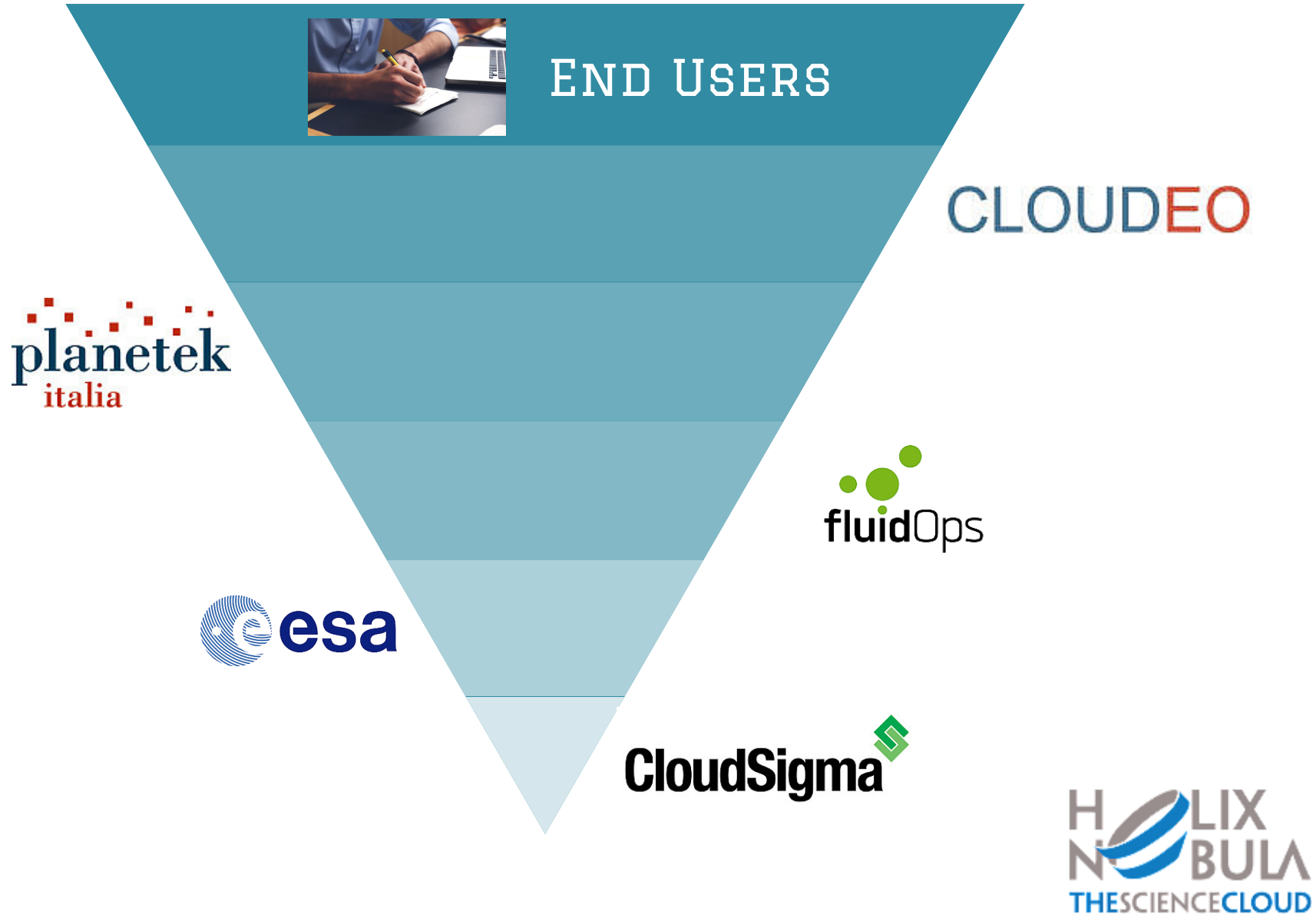


“Perfection is achieved, not  
when there is nothing more to  
add, but when there is nothing  
left to take away.”

Antoine de  
Saint-Exupéry



# THE VALUE CHAIN







End-user



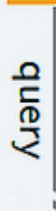
IT-expert

Data models  
Std. ontologies  
...

Appli-  
cation



Query  
Formulation



Ontology & Mapping  
Management

Ontology

Mappings

Query Transformation

Query Planning

Stream Adapter

Query Execution

...

Query Execution



cross-component optimization





An aerial photograph of a town with a river and a bridge. The river is overflowing, and the water has inundated large areas of the town, including residential buildings and green spaces. The sky is blue with some clouds.

# FLOODING

*Dealing with the aftermath*

- Delineate flooding for better damage assessment
- End users will be insurance & financial institutions plus public sector
- Resulting service will offer comprehensive flood mapping



# WHERE NEXT?

1 Time series Danube flood coverage



2 Barents Sea marine surveillance



3 Proactive monitoring services with alerting

