

# A Case for Extraterrestrial Water Reserves and Resources

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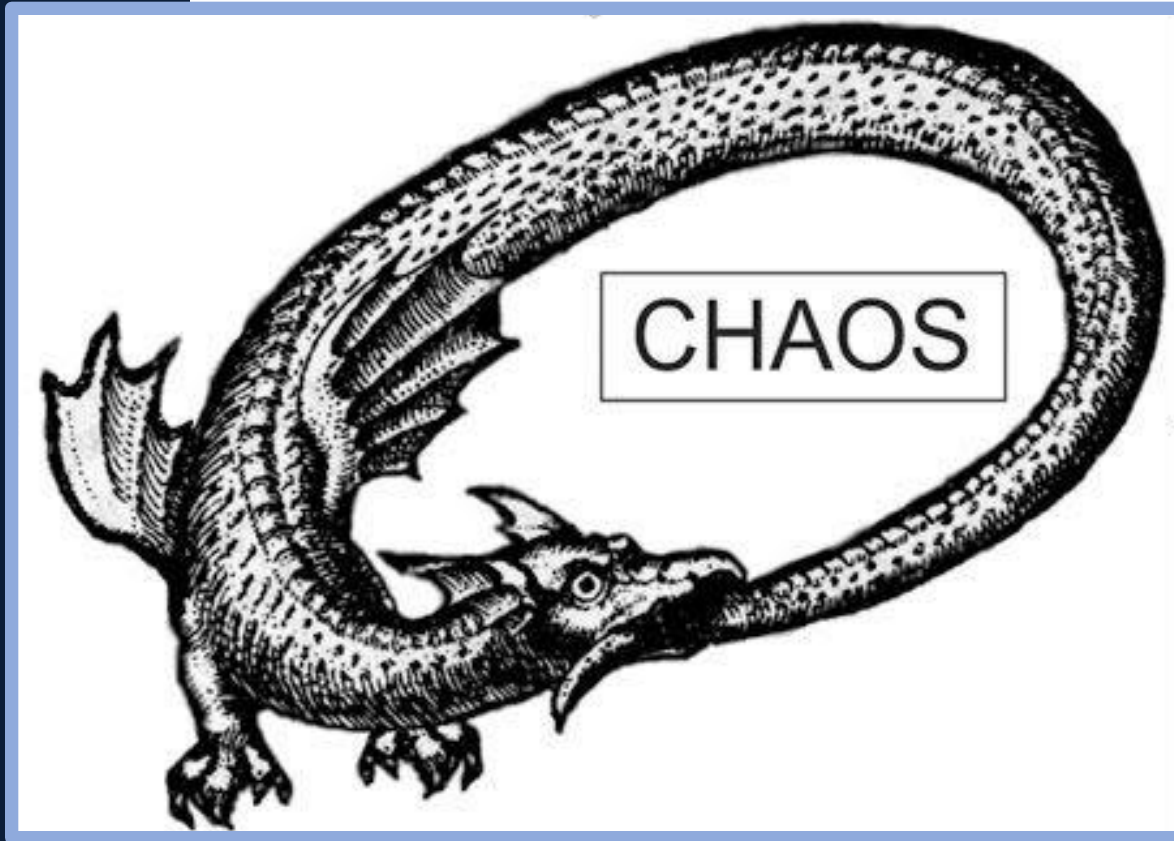
# No standards



**Foggy  
cloud of  
potential  
poison**



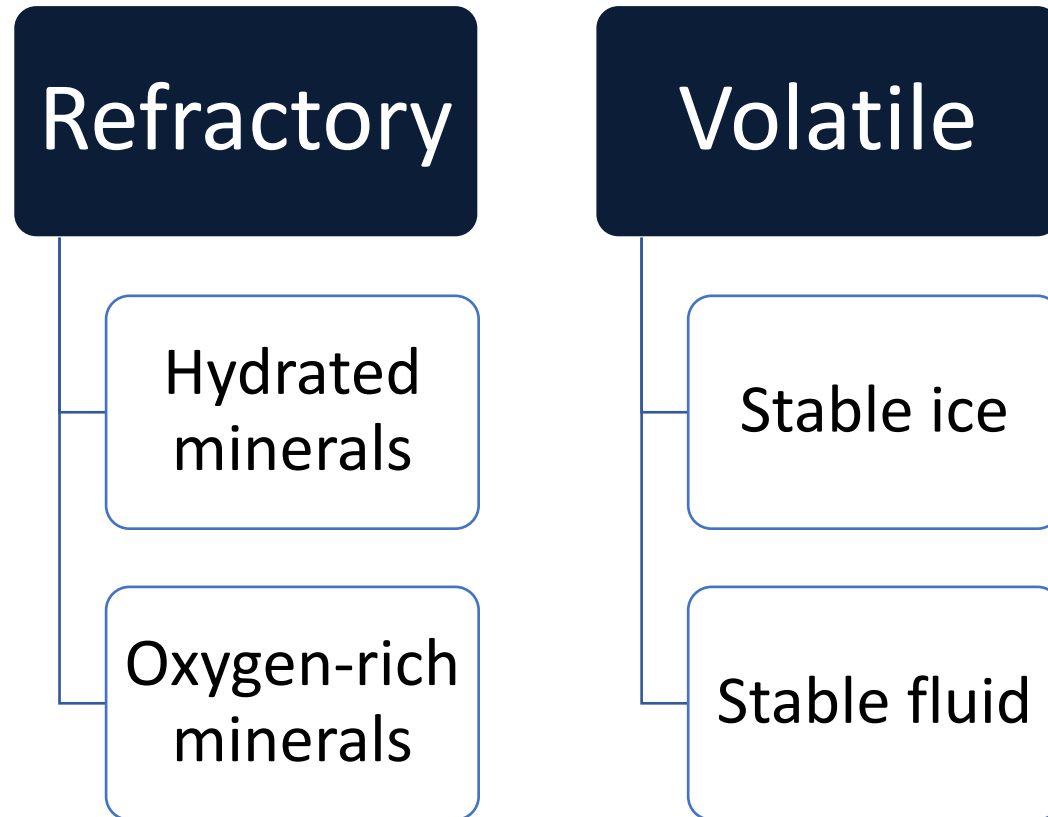
# Standards



**Sharp  
poison  
thing**



# Common language for different feedstocks



## ***Geologic resources***

are every discovered and  
undiscovered feedstocks  
for water production  
currently in-place.



### **Data**

*Known geologic resources estimation*

#### **Exploration**

Remote prospecting

#### **Appraisal**

In situ  
prospecting

Contingency  
analysis

#### **Development**

Technology  
maturization

Decision making  
and mission  
planning

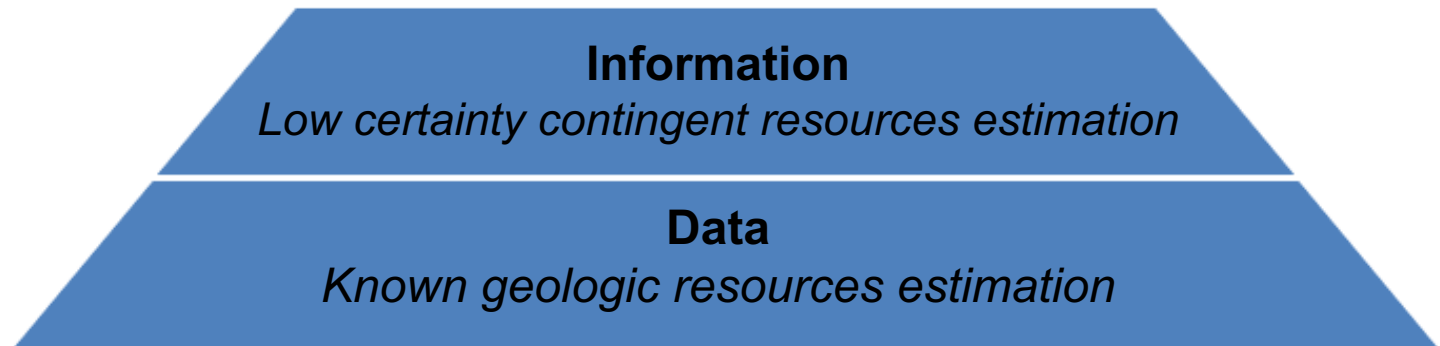
Mission  
development

Water  
extraction



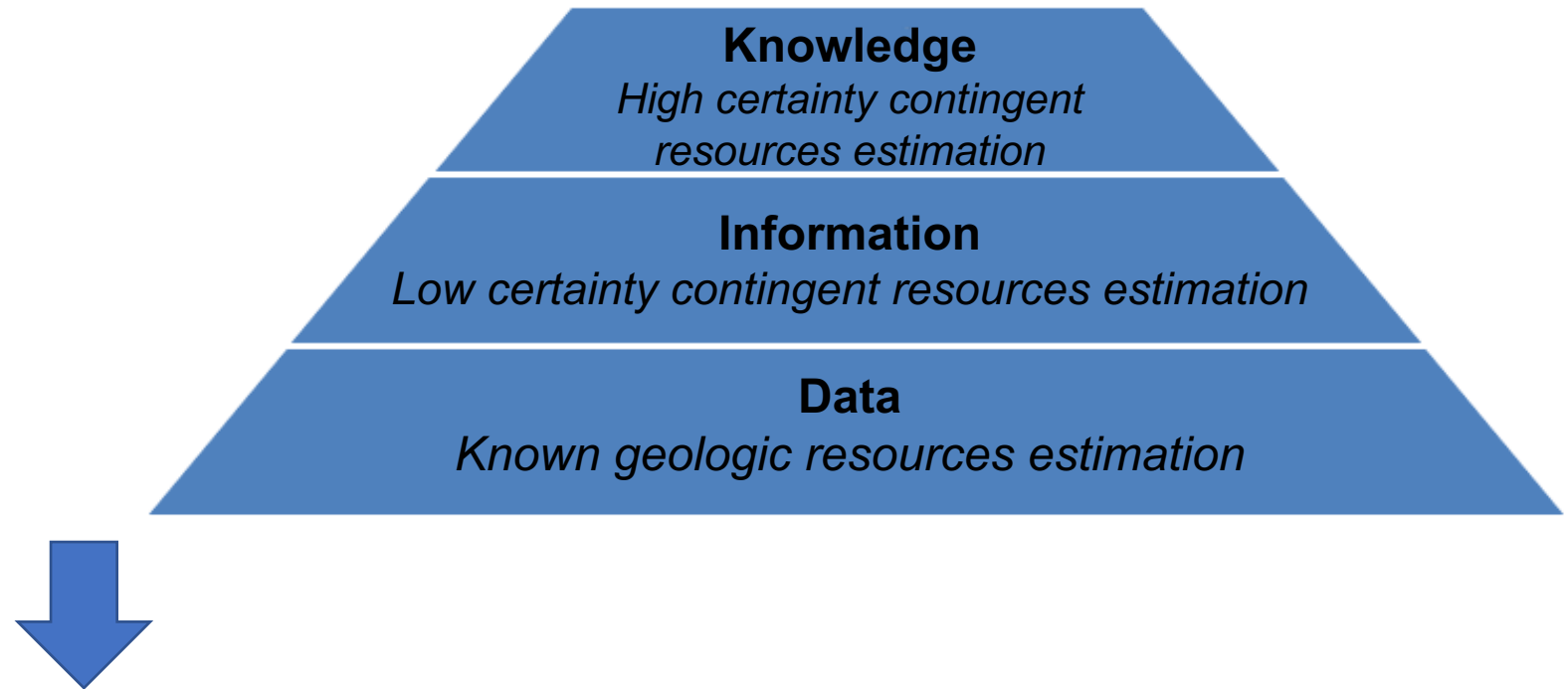
## ***Contingent resources***

are those discovered feedstocks for water production that currently are not technically or commercially recoverable.

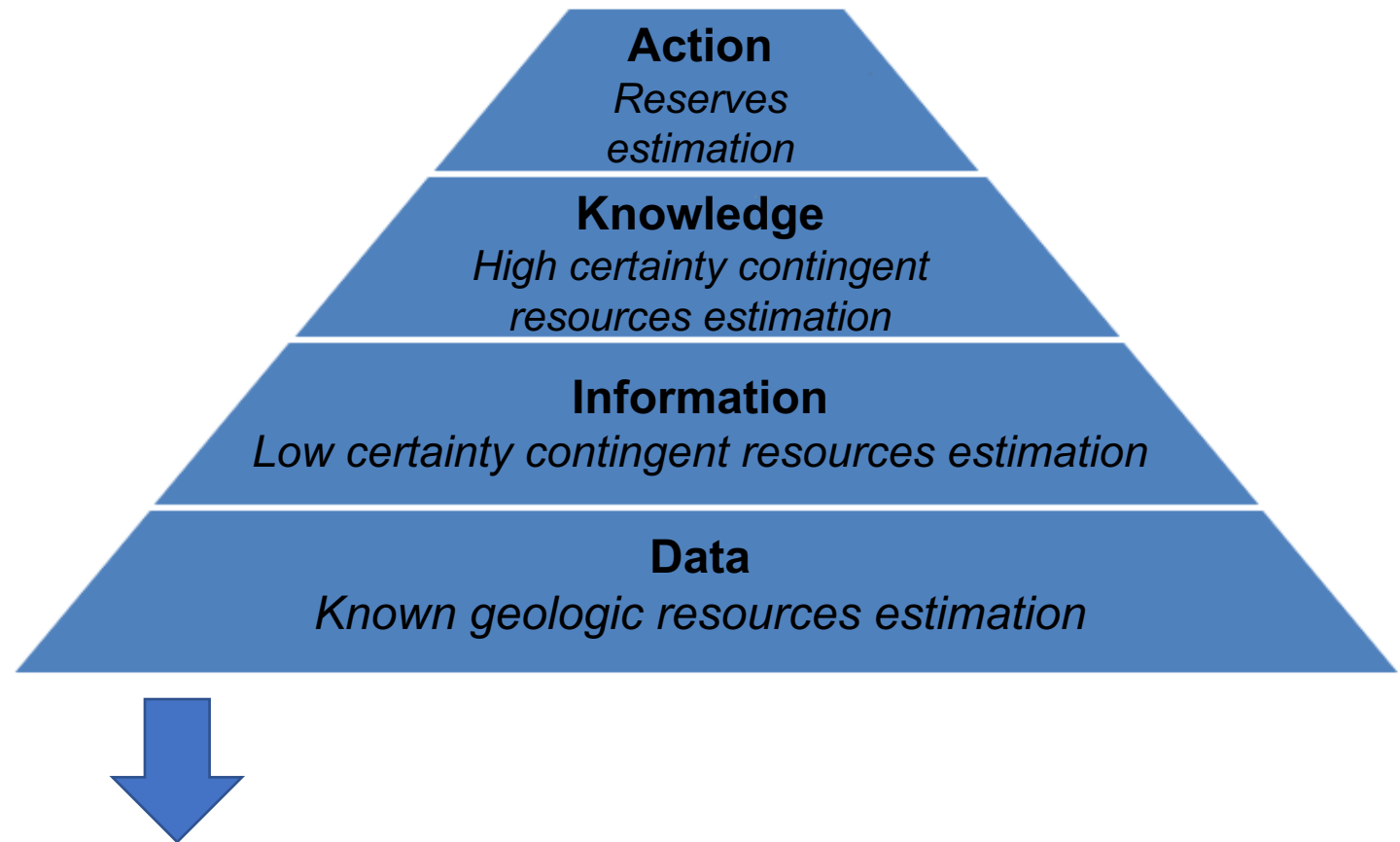


## ***Contingent resources***

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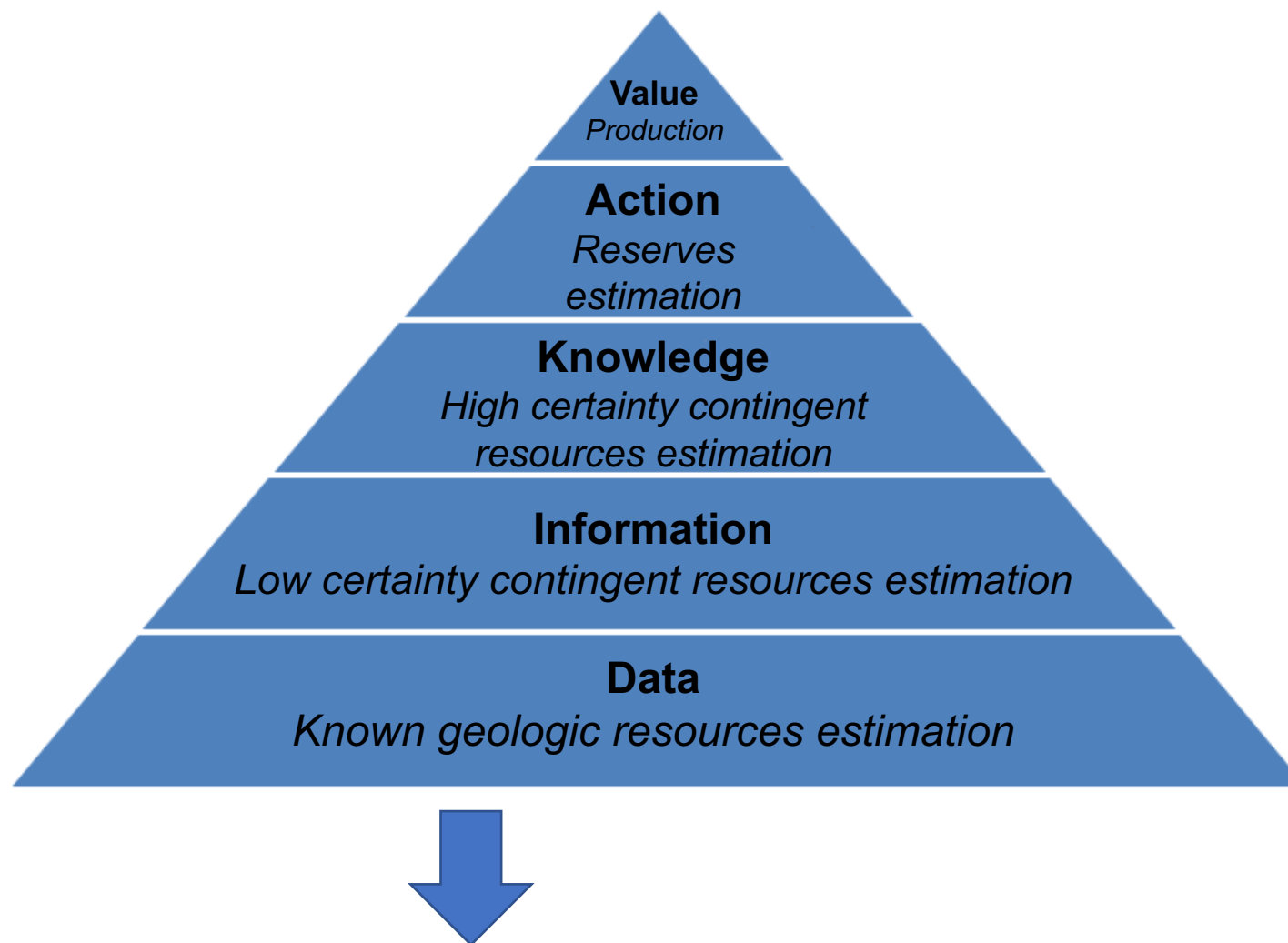


**Reserves** are technically and commercially recoverable production input feedstocks, which have been discovered and are still in-place.

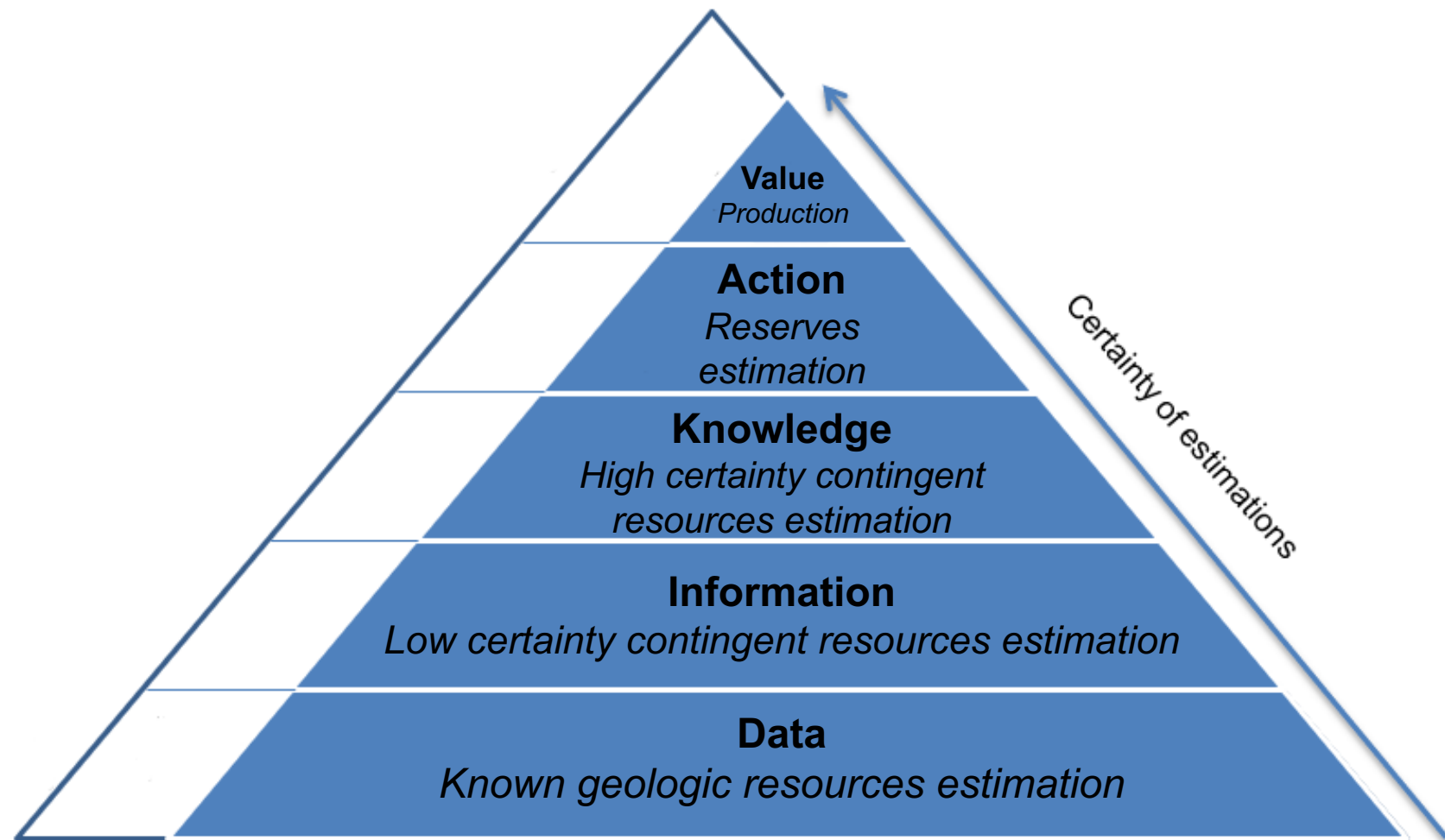




This framework diverges water reserves through probabilistic approach into proved (P90), probable (P50) and possible (P10) reserves.

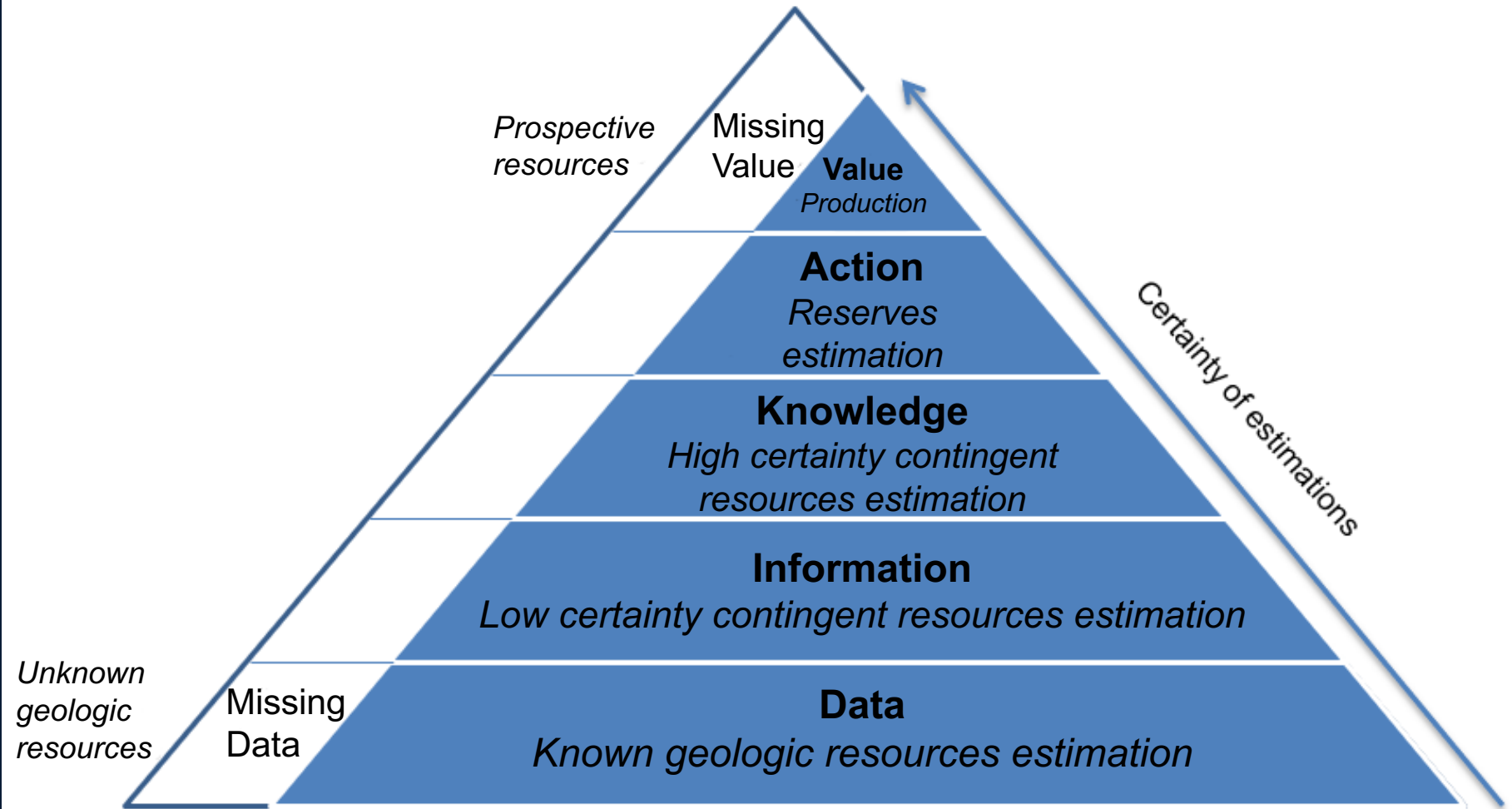


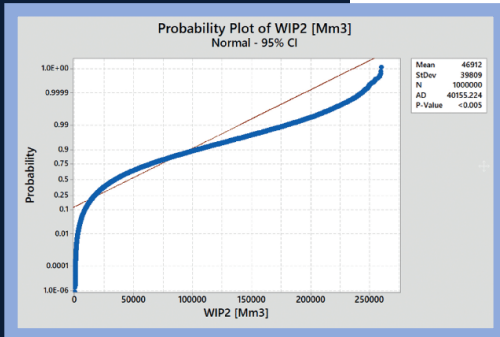
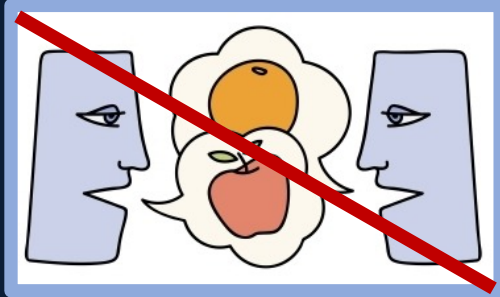
This framework diverges water reserves through probabilistic approach into proved (P90), probable (P50) and possible (P10) reserves.



## ***Prospective resources***

are those undiscovered feedstocks for water production that are currently technically and commercially recoverable.





- First iteration of a standard
- Common language binding every stakeholder
- Allows evaluation of different plays (deposits) prospects
- Allows to rank different plays in a company's future portfolio and look for the most prospective ones

# THANK YOU FOR YOU ATTENTION!

”

We shall not cease from  
exploration  
And the end of all our  
exploring  
Will be to arrive where  
we started  
And know the place for  
the first time.

- T. S. Eliot, *Little Gidding*

