28 March 2019 Side Event Conference Room 12 1.15-2.30

Mare Geneticum and an EcoSystem Approach:
Power, Openness and Sharing

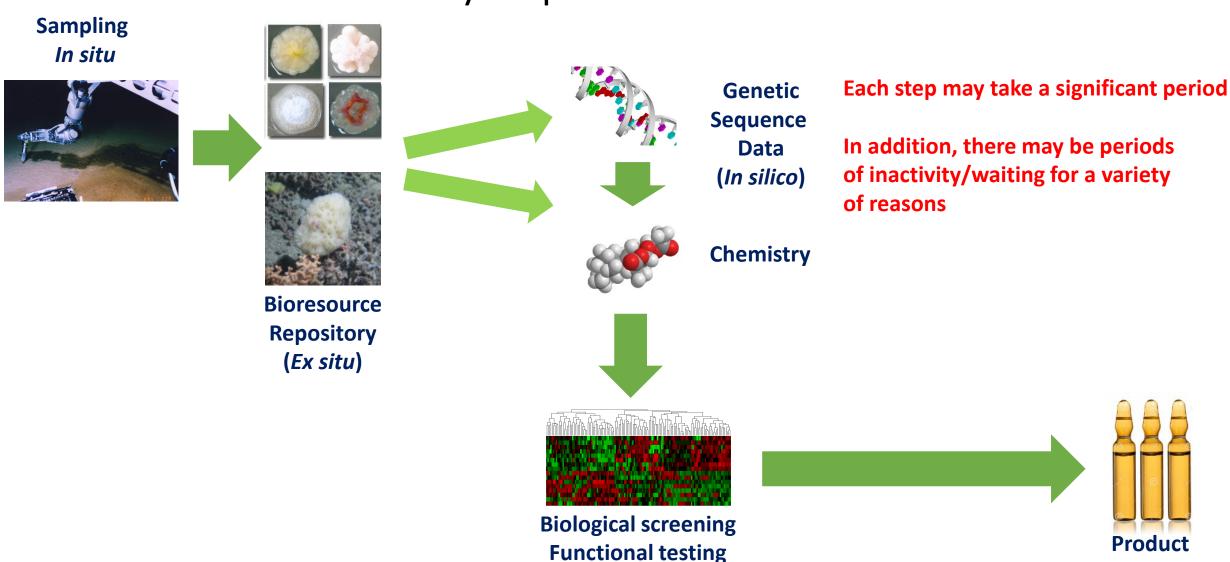
- ACCESS AND BENEFIT SHARING
- MANAGEMENT TOOLS
- ENVIRONMENTAL IMPACT ASSESSMENTS
- TECHNOLOGY TRANSFER
- CROSS CUTTING



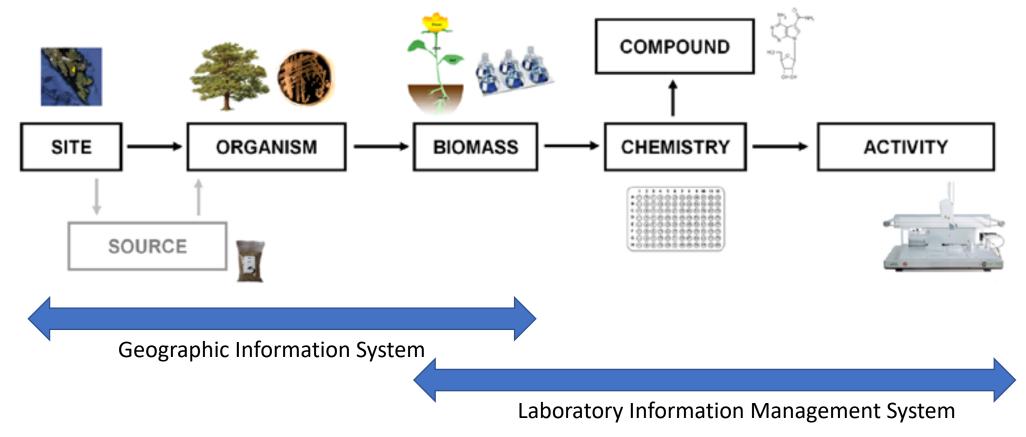




## The Biodiscovery Pipeline is Discontinuous

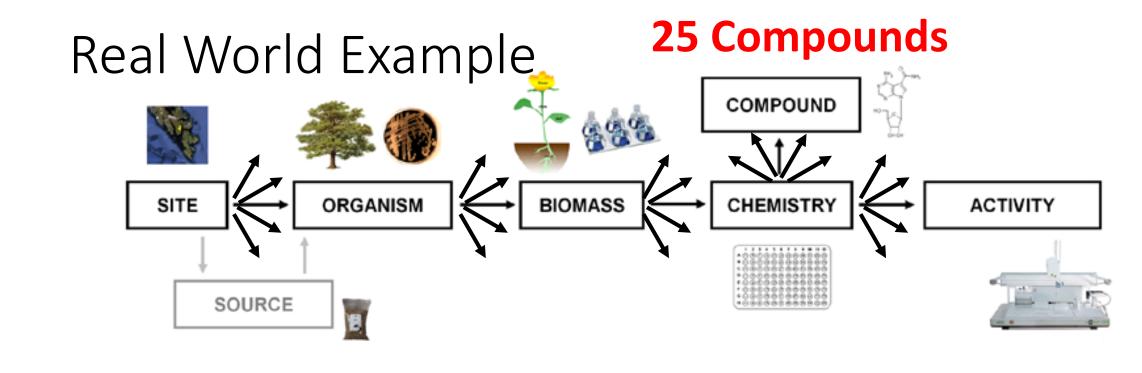


## Sample and Data Management



Sample and data management from origin to exploitation is possible Already part of good scientific practice but needs standards & improved data infrastructure

Source: OpenNAPIS, White Point Systems



Example 1 sample of sediment

100 new microbes (10 used)

Each microbe grown in 4 different media

Each one gives 8 fractions

Each fraction tested in 10 assays

1

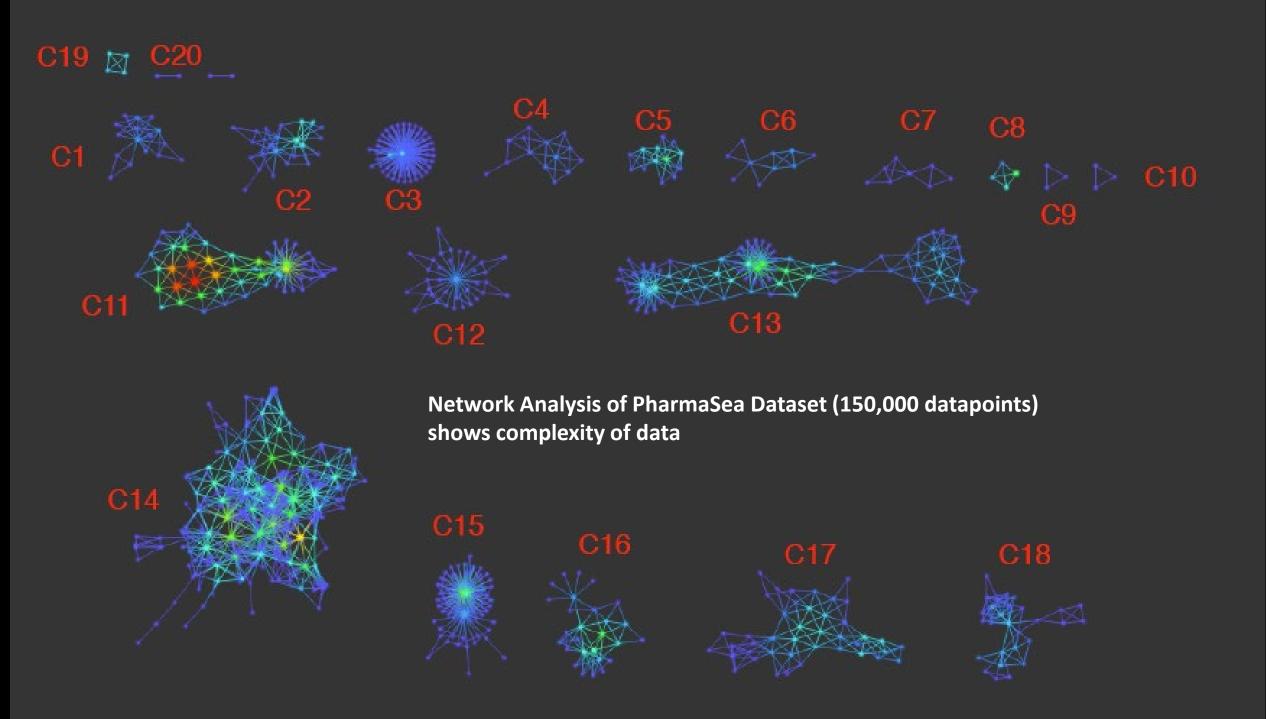
10

40

**320** 

**3200** 

Total 3596 datapoints – for 1 sample & Genetic Sequence Data



## Obligatory Prior Electronic Notification (OPEN)

