

Access and Benefit Sharing of marine genetic resources

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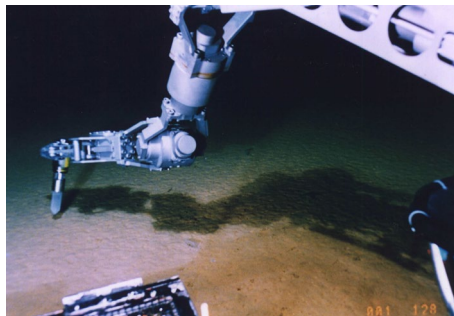


Criteria for balanced benefit-sharing

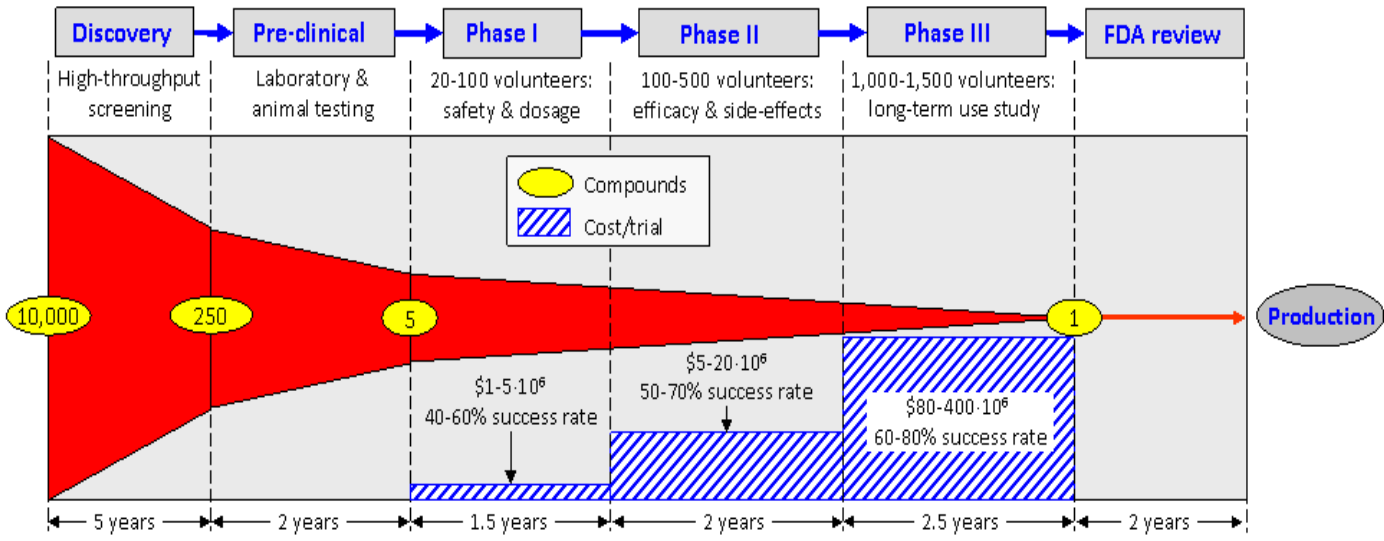
Elements to consider:

- Size and timing of benefits accrued by user(s)
- Cost and burden of benefit-sharing to the user
- Burden of benefit-sharing to the regulator – institutional cost
- Who are the beneficiaries?
- How many beneficiaries are there?
- Impact of benefit-sharing on the beneficiary
- Timing of the transaction

Biodiscovery pipeline



Sampling in ABNJ



Universities

Large companies



Universities and SME's

Scientific knowledge & data

Commercial

'Potential' value

Actual value



Mare geneticum

Requirements:

- Inclusivity of developing states
- Facilitated access for the scientific community
- Legal certainty, predictability and stability for industry
- Enforceability for the regulator



Mare geneticum

Access:

- Online notification system: OPEN
- Free but conditional access
- Embargo period

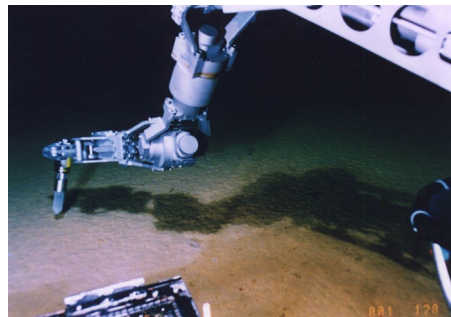


Mare geneticum

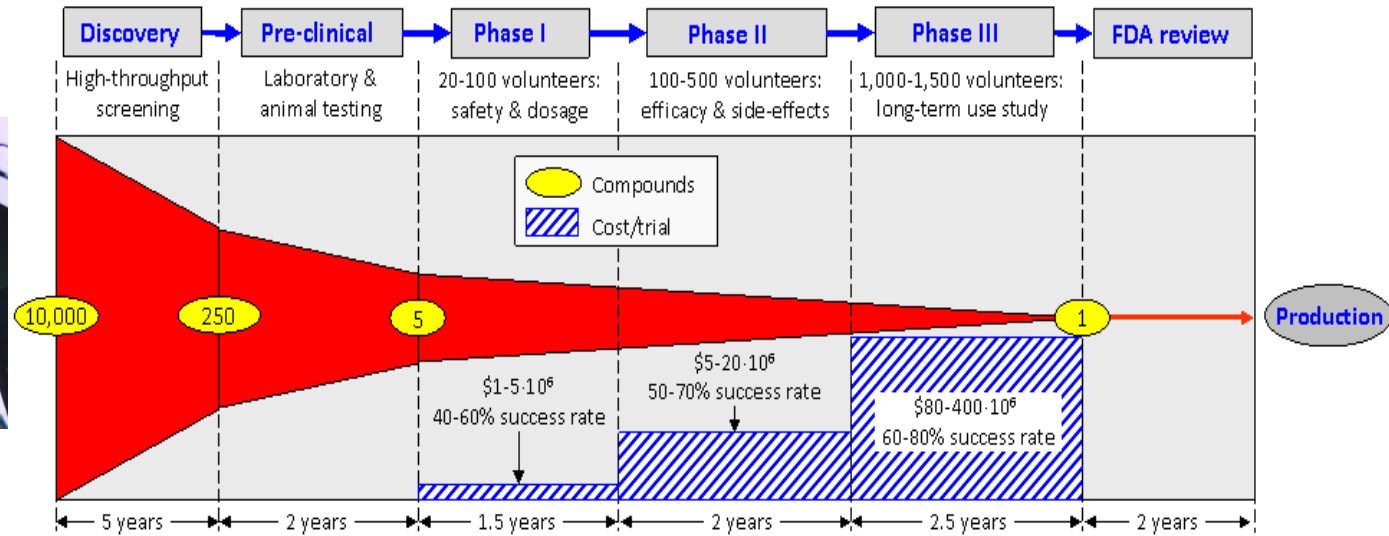
Benefit-Sharing:

- Mandatory deposit of material in biorepositories
- Mandatory sharing of meta data and raw data (including GSD)
- Possibility of extending embargo period in return for a fee
- If monetary benefits are requested: at the point of commercialization, and not negotiated

Biodiscovery pipeline and Benefit-sharing



Sampling in ABNJ



Scientific knowledge & data

Commercial



Embargo period (fee)



Deposit in biorepository
Sharing of metadata

Sharing of MGR data

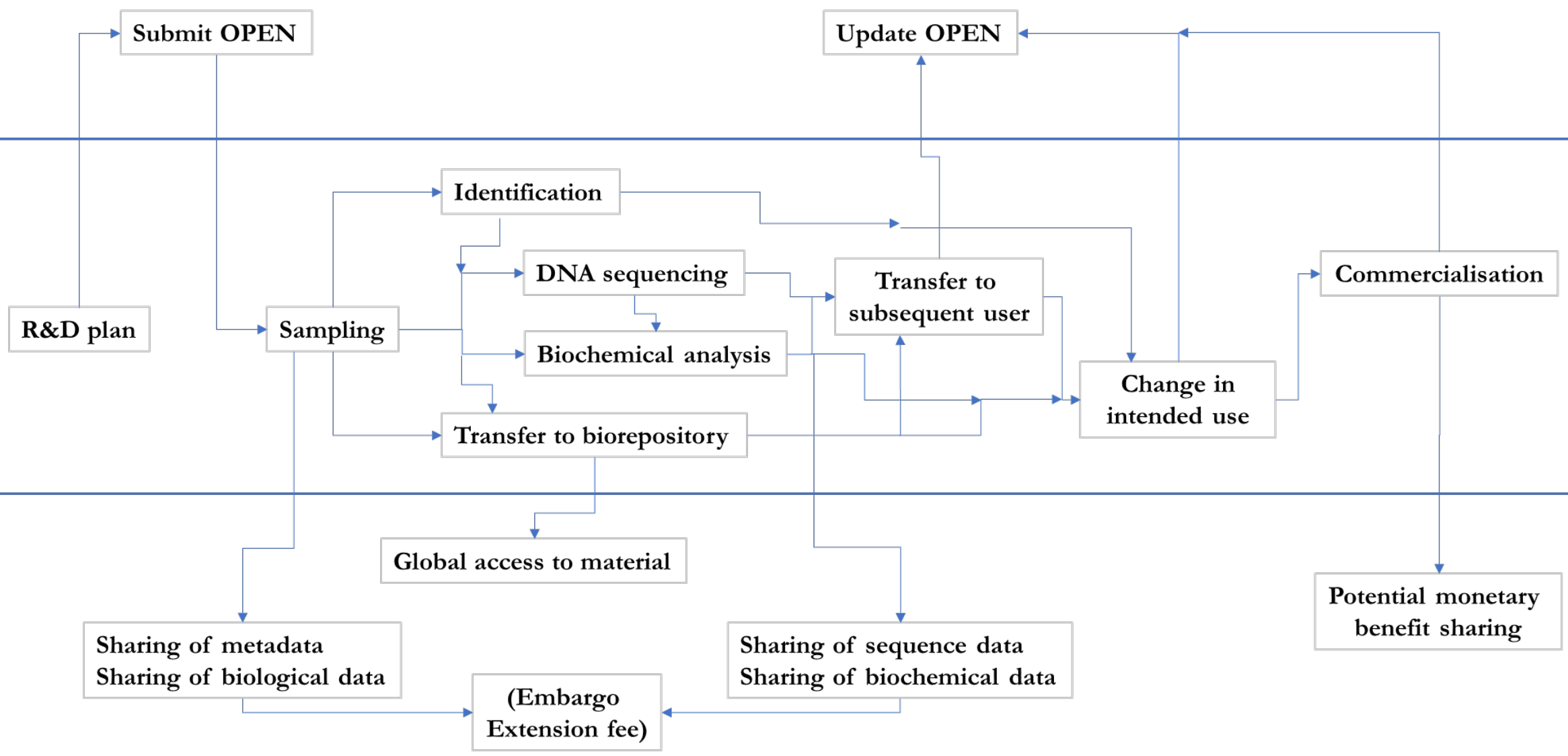
Monetary BS ?



TRACK & TRACE

ACTIVITY

BENEFIT SHARING



Thank you!

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