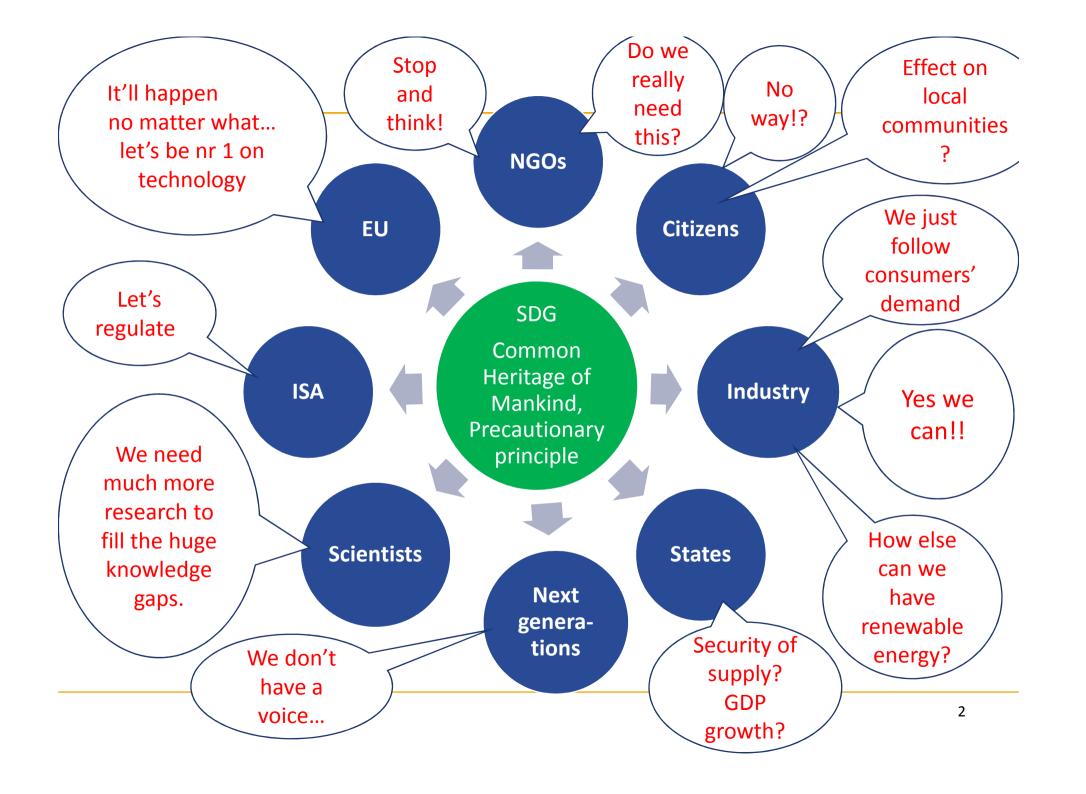


for the protection and restoration of the marine environment

Deep sea mining in the context of the SDG

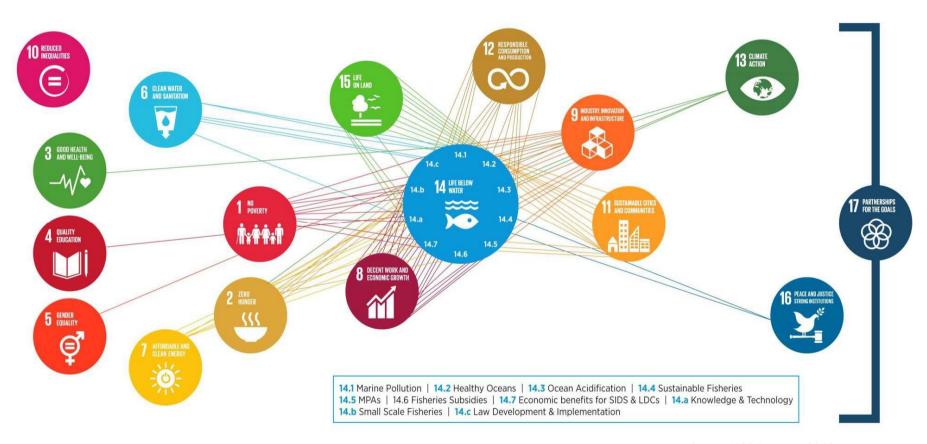
Ann Dom deputy director

ISA-UBA deep-Sea Mining workshop Berlin, March 2017





SDGs set the framework!



Source: IASS Potsdam, 2016





Resource Efficiency: Potential and Economic Implications





Recycling products and materials



Waste prevention programmes

Economic incentives



Land waste to resources **Land mining Urban mining** Land fill mining Deep sea mining **Less mining**

> Reuse and repair **Changing life styles** Awareness raising

Eco-design, renewables

 Substitute materials **Longer product** life

> **Demand** management, setting prices right.

Systemic change: Smart mobility, energy system changes, smart cities, sharing economy, collaborative economy, innovative business models,...

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Future resource needs within SDG setting

- We need to get a common understanding about the need (or not) for deep sea mining within the future setting of an economy and society framed by the SDGs
- We need future outlooks on demand and supply under various scenarios – 2050
 - Business as usual
 - Resource efficiency circular economy (prevent waste, reuse, share, recycle)
 - Systemic change cc policies, smart energy and mobility systems, urbanisation, ...
- To underpin a much needed wide public and stakeholder debate

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