Deep sea mining in the context of the SDG

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It’ll happen no matter what... let’s be nr 1 on technology

Stop and think!

Do we really need this?

No way!?

Effect on local communities?

Let’s regulate

We need much more research to fill the huge knowledge gaps.

We don’t have a voice...

We just follow consumers’ demand

Yes we can!!

How else can we have renewable energy?

Security of supply? GDP growth?

Let’s regulate
SDGs set the framework!

Source: IASS Potsdam, 2016
SEAS AT RISK

- Eco-design, renewables
- Substitute materials
- Longer product life

Land mining
Urban mining
Land fill mining
Deep sea mining
Less mining

Demand management, setting prices right.

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

- Recycling products and materials
- Waste prevention programmes
- Economic incentives

Reuse and repair
Changing life styles
Awareness raising....
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
Stop and think! Thank you!