

How we got here

2011: Euromines Workshops on Resource Efficiency and Life Cycle Assessment

2012: EU Joint Research Centre Workshop on Security of Supply and Scarcity

2013: ICMM Workshop on LCIA Methods

2014: ETH LCA Discussion Forum 55: abiotic resources

2014: ICMM Workshop on Resource Depletion

What we thought (peer reviewed & accepted)



Mineral Resources in Life Cycle Impact Assessment – Defining the Path Forward

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What we've seen

- ≡ **Confusion** – no common **Vision**
 - = What is the potential threat or impact?
 - = Competing / Entrenched Visions

- ≡ **Resistance** – unaligned **Incentives**
 - = E.g., Use of science/tools before fully accepted/developed/proven
 - Commercial interests almost everywhere
 - Assuming, mis-understanding or dismissing others' incentives
 - Lots of Doing , very little Listening

- ≡ **Frustration** – isolated sets of **Knowledge**
 - = Lack of freely available data almost everywhere
 - = No common Vision or Incentive = No time for Collaboration
 - = Others' expertise seemingly impenetrable
 - = Amateur forays into others' area of specialist expertise

