

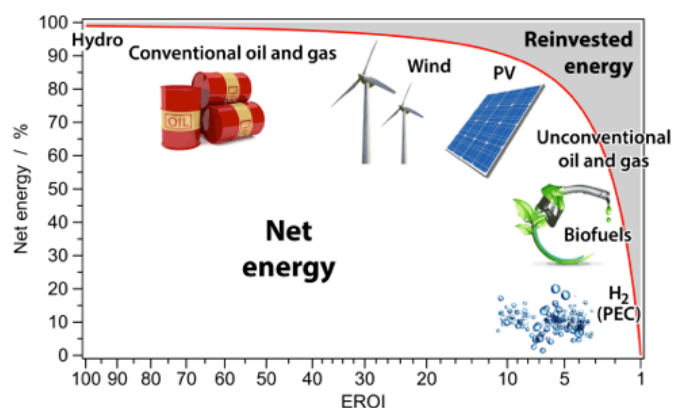
# CoffeeTalk@ISOF

## The transition to a sun-powered world: key bottlenecks

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Two parameters and concepts that are often neglected in the scientific energy debate will be illustrated: the EROI (Energy Return On Investment) and the fact that the energy transition will not be limited by the availability of photons, but by the availability of natural resources – particularly minerals – which are needed to manufacture energy converters and storage devices on a multi-TW scale.



[1] N. Armaroli, V. Balzani *Chem.-Eur. J.* **2016**, *22*, 32-57

[2] Interview on Chemistry Views: <http://dx.doi.org/10.1002/chemv.201500105>

**Tuesday 26 January 2016, 14:30**  
**ISOF 12 – Meeting Room (1<sup>st</sup> floor)**  
**CNR Research Area**  
**Via Gobetti 101, Bologna**



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