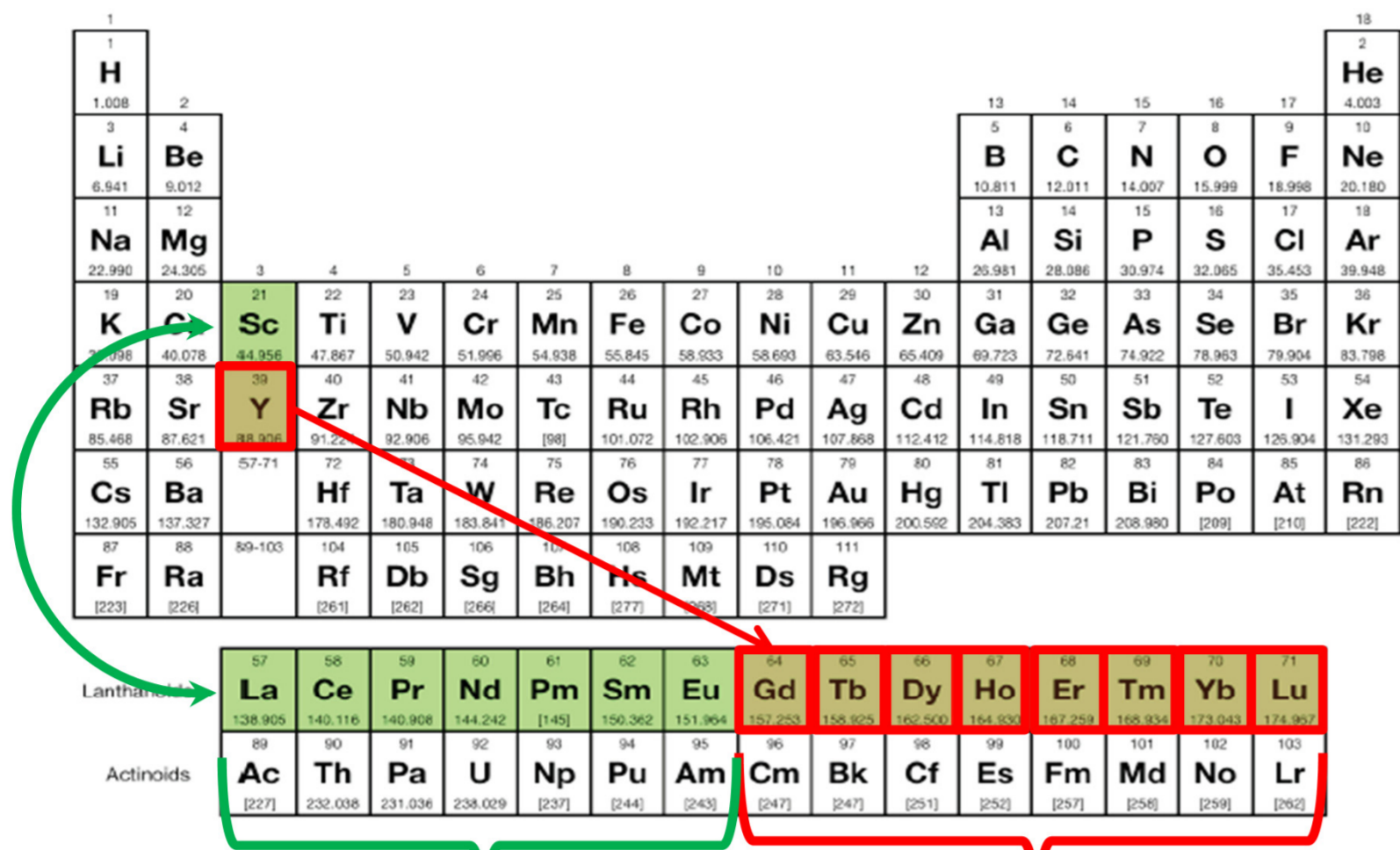


“Development of a sustainable exploitation scheme for Europe’s REE ore deposits”

What are Rare Earth Elements ?



The rare-earth metals or elements (REEs) are a unique group of chemical elements that exhibit a range of

special electronic, magnetic, optical and catalytic properties

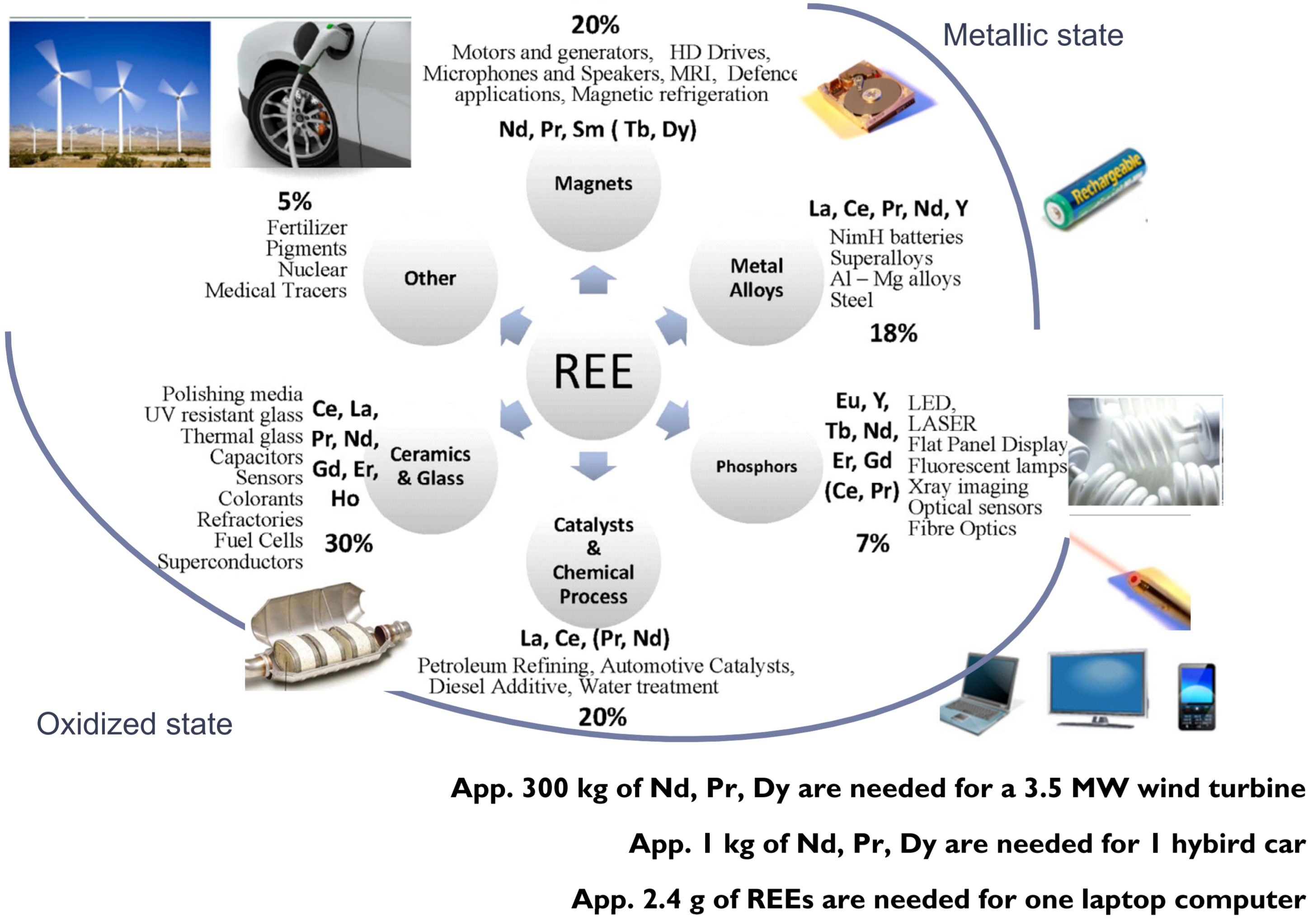
They have hundreds of applications. Their use in components manufactured from a wide range of alloys and compounds, can have a profound effect on the performance of complex engineered systems.

The International Union of Pure and Applied Chemistry defines the rare-earth metals as the 15 lanthanoid elements (with atomic numbers of 57 through to 71) in addition to scandium (Sc) and yttrium (Y)

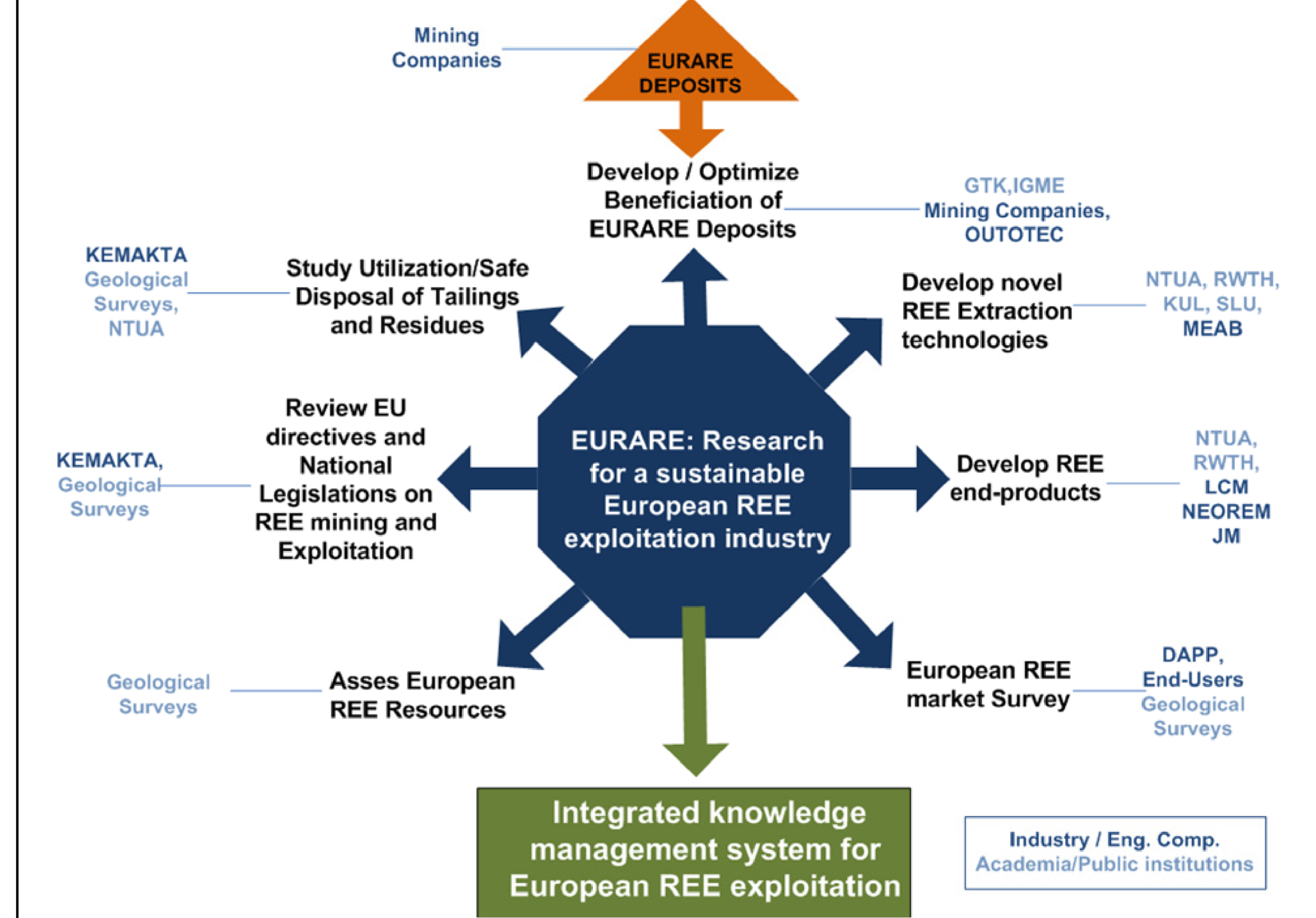


The main goal of the EURARE project is to set the basis for the development of a European REE industry that will safeguard the uninterrupted supply of REE raw materials and products to crucial for the EU economy industrial sectors, such as automotive, electronics, machinery and chemicals, in a sustainable, economically viable and environmentally friendly way.

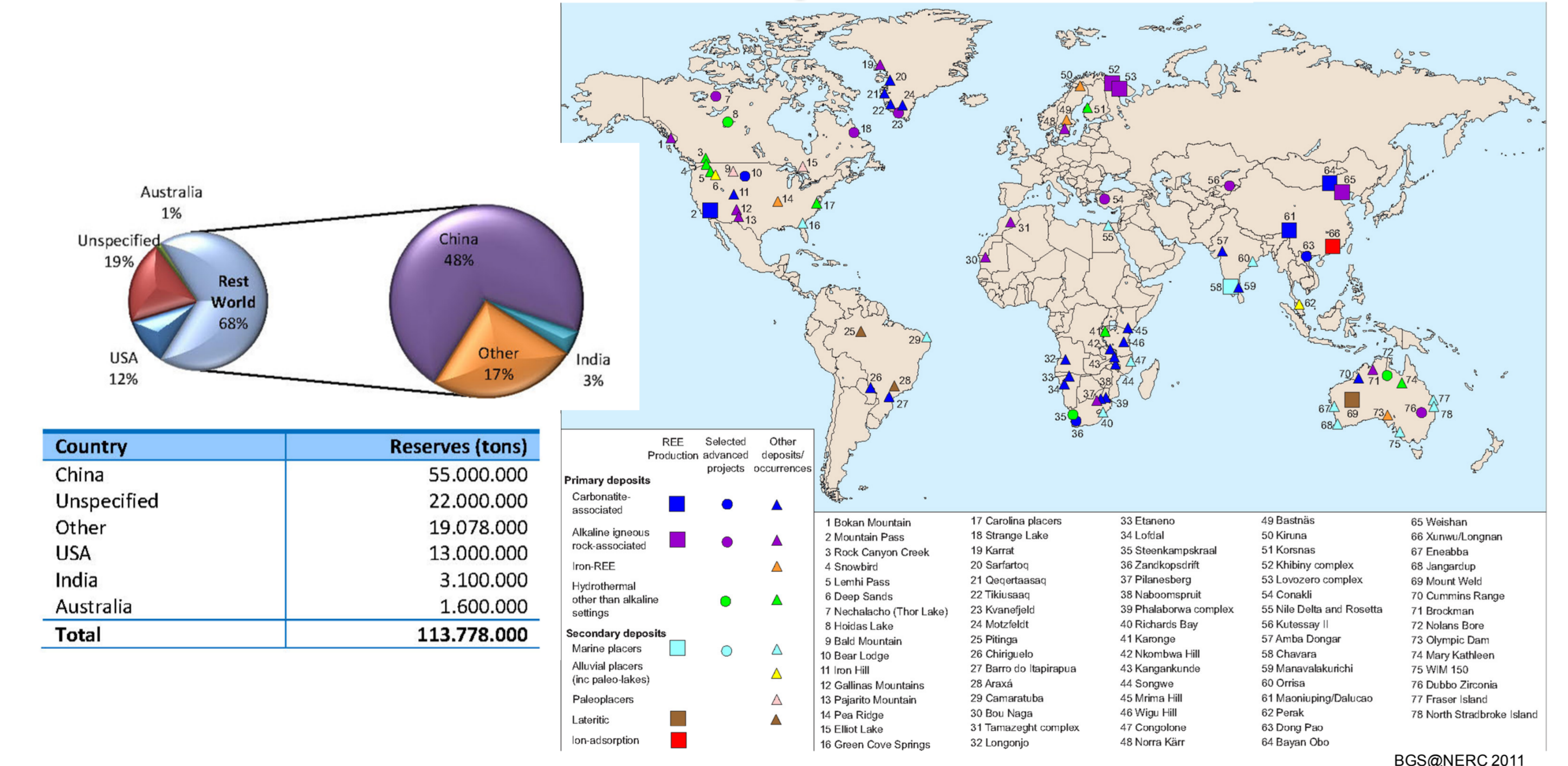
Rare Earth Elements Applications



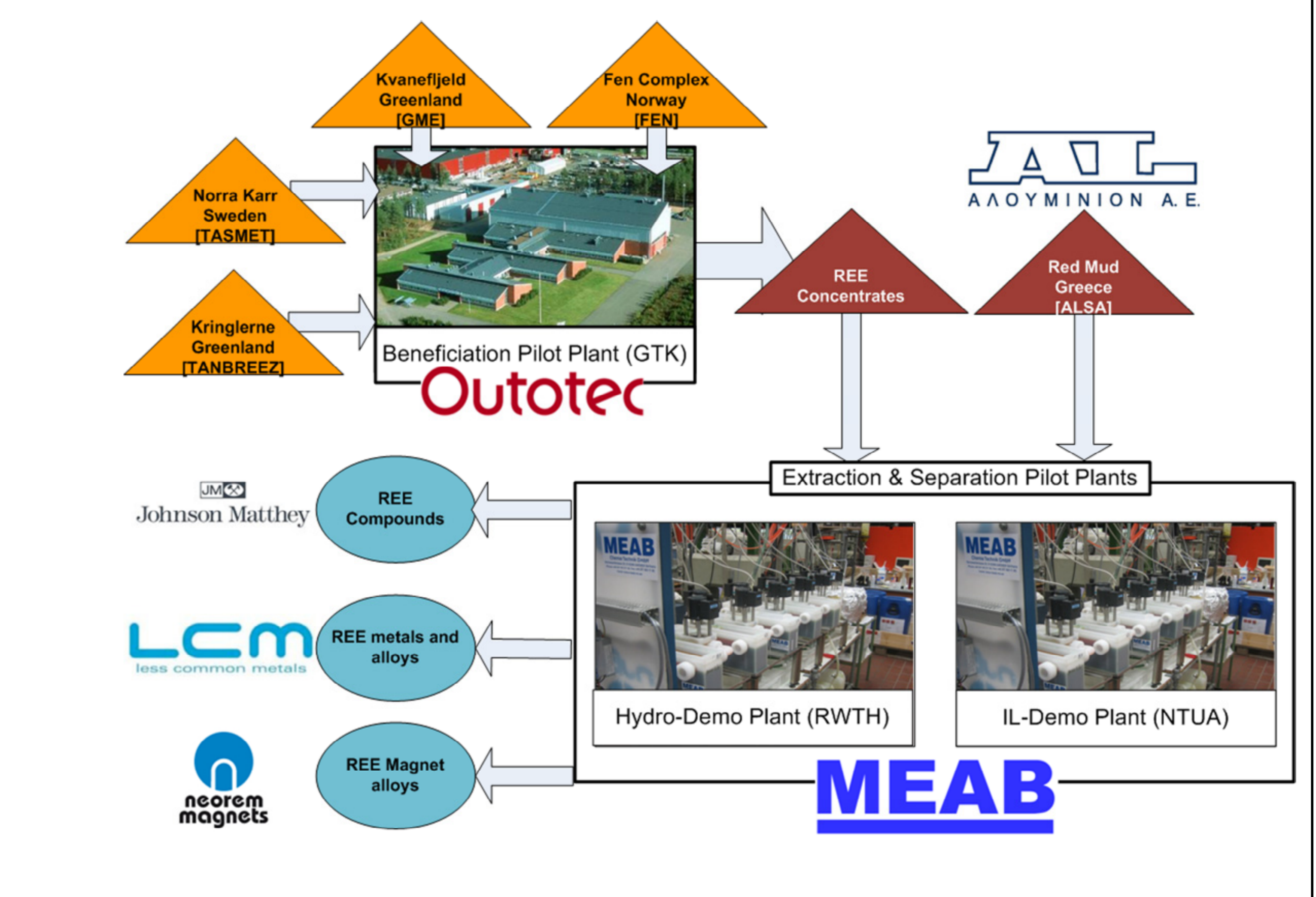
EURARE's R&D Effort



Rare Earth Elements Deposits



EURARE's Technology Demonstration



Europe is 100% import dependent on REE
 Europe has no active REE mines
 Europe is NOT without REE resources

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 Project web site : www.eurare.eu