

Fly in complete safety



In civil and military aviation, critical raw materials allow for the design of safer lightweight aircrafts that are also quieter and less polluting. In engines, **cobalt, tantalum and tungsten** are prized for their heat and corrosion resistance. **Magnesium-based superalloys** can be found in the cabin. Coveted for being lightweight, they reduce fuel consumption. In the cockpit, the instruments for flight monitoring and pilot assistance function thanks to the electro-optical properties of **neodymium and yttrium**. Increasingly popular and valuable, 27 of these raw materials have been classified as critical by the European Commission. To address the risks of shortage, Europe facilitates cooperation between economic actors. In line with this, the EUROMINES association encourages the exchange of information between manufacturers in the European extractive sector. The SCRREEN project accomplishes this objective by developing a dedicated information portal.

www.scrreen.eu



The superpowers of the new critical raw materials is a communication campaign organised by SCRREEN, a European project which has received funding from the Horizon 2020 under Grant Agreement n°730227.

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