

EU's bid for critical materials

Critical raw materials (CRMs) are essential in today's rapidly growing clean energy technologies – from wind turbines and electricity networks to electric vehicles

2008: European Union's "Raw materials initiative" established

2011: 14 CRMs listed

2014: 20 CRMs listed

2017: Third list includes 27 CRMs

2020: 30 CRMs listed

2023: Fifth list includes 34 CRMs

EU's biggest suppliers of CRMs (Selected countries by source, %)

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|-------------------|--------|-----|-----------|--------------|----|
| Heavy rare earths | China | 100 | Platinum | South Africa | 71 |
| Magnesium | China | 97 | Scandium | China | 67 |
| Niobium | Brazil | 92 | Silicon | China | 66 |
| Beryllium | U.S. | 88 | Bismuth | China | 65 |
| Light rare earths | China | 85 | Fluorspar | China | 65 |
| Lithium | Chile | 79 | Vanadium | China | 62 |
| Antimony | Turkey | 74 | Cobalt | DR Congo | 59 |
| Phosphorus | China | 74 | Hafnium | France | 49 |
| Gallium | China | 71 | Baryte | China | 45 |