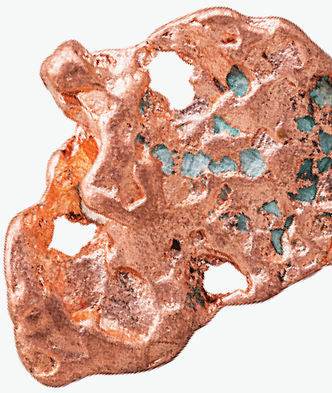
BLOOM

LiBeration anaLysis for Optimising extraction and prOcessing of CRMs

What makes BLOOM unique?



- Pioneering an integrated, real-time online **Mineral Liberation Analysis** system, enhanced by machine learning and artificial intelligence
- **Optimising** CRM and non-CRM **extraction and processing costs**
- Making the exploitation of low-grade deposits more **financially viable**

BLOOM's solutions will help make mining and processing more sustainable and efficient, supporting Europe's transition to a greener and more competitive economy

Expected impact

- **Cost-effective operations** through advanced, data-driven processes, reducing operational expenses and unlocking new deposits
- **Strengthened EU supply chains** through sustainable and responsible domestic sourcing
- **Diversified sourcing** of critical raw materials from resource-rich countries like Canada, Ukraine, and Brazil
- **Improved sustainability** through circular economy models and reduced environmental impact

Funded by the European Union

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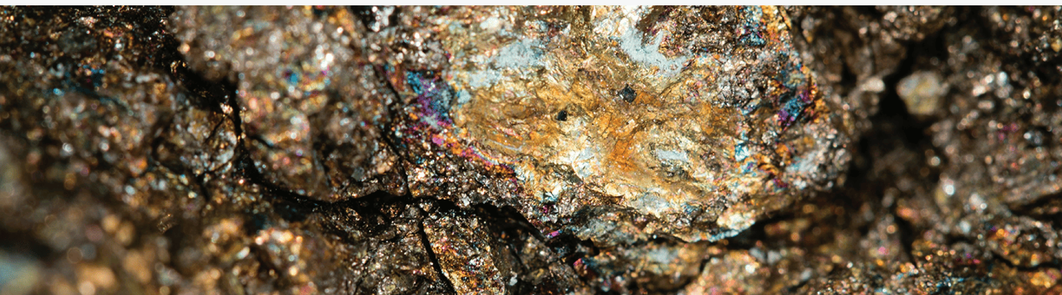
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