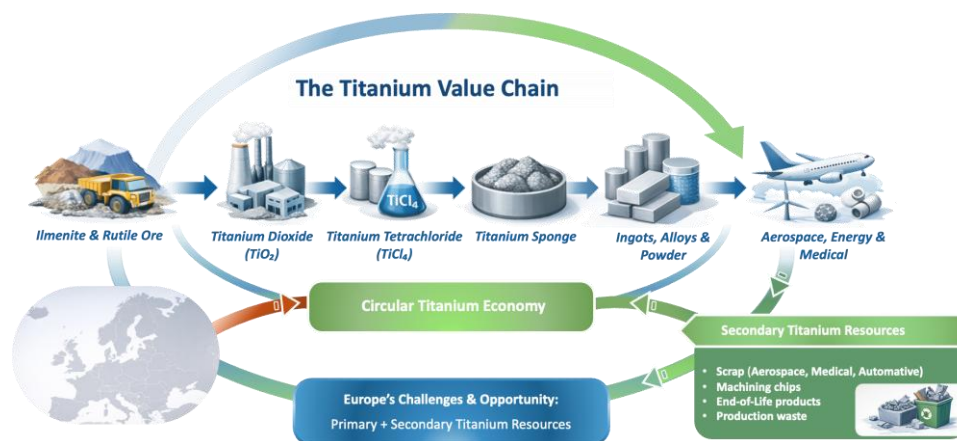


Understanding the Titanium Value Chain: indispensable for high quality and traceable applications

Europe provides primary resources from ilmenite and other Ti-rich minerals, with further exploitation potential. Europe is part of the top producers of Ti dioxide pigments, however lacking Ti-metal production (both sponge and ingots) which is crucial for civil and defense applications in industrial, aeronautic, automotive and medical sectors.

The future for a prosperous European titanium industry, including powder metallurgical applications, must be based on a continuous and reliable Ti supply and high quality, sustainable and traceable Ti intermediate products.

The EURO-TITAN-REPTiS-AVANTiS workshop will focus on the entire titanium value chain, highlighting the importance of reducing Europe's titanium import dependency through low-carbon, responsible extraction of under-exploited domestic resources, thereby supporting a more resilient and eco-responsible powder metallurgy sector.



The event will propose lectures and a panel discussion on major challenges and solutions for European Ti industries.

The target audience are young career scientists (Master and PhD students), and engineers from academia, government and industries who are interested in metal supply chains on the example of titanium. The goal of this workshop is to develop personal skills and competencies across the Ti value chain.

TOPICS

- ❖ Titanium mining from primary resources
- ❖ Titanium in secondary resources
- ❖ Challenges in beneficiation
- ❖ Conventional and 'green' alternative processing
- ❖ Challenges in refining: from sponges to Ti-alloys and Ti- powders
- ❖ Predictive maintenance and in-line process optimization
- ❖ Titanium applications
- ❖ Titanium market: Europe in the International scene
- ❖ Closing the loop: Titanium recycling and byproducts
- ❖ Social License to Operate (SLO) / Public Acceptance for titanium mining and processing in Europe

Practical information

The workshop will be held during the EPMA [EuroPM](#) European Congress and Exhibition on powder metallurgy (11th to 14th October 2026) in Budapest, Hungary, on 14th October 2026 (9H30 to 16H30). The final program will be ready soon. It will be free of charge, but registration is required using the link: [Ti Workshop Euro PM2026](#).

Organizing Committee

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