

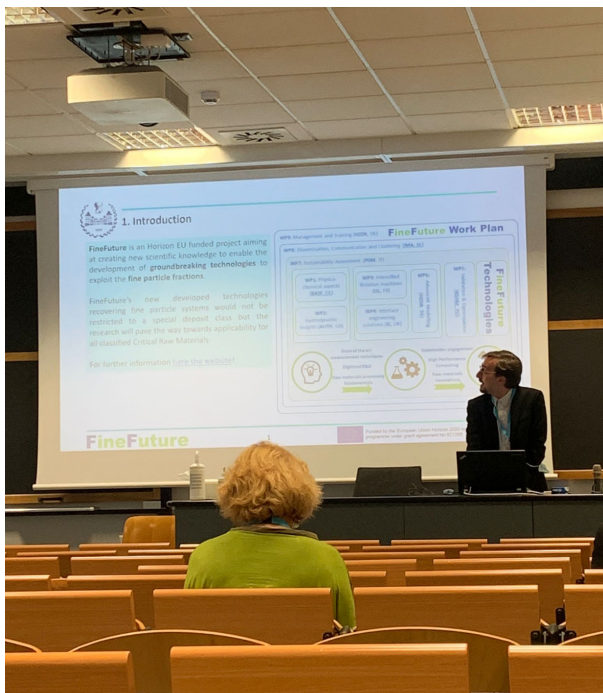
FineFuture

JULY 2021 #11

FINE FUTURE PRESENTED AT XI INTERNATIONAL SYMPOSIUM ON ENVIRONMENTAL ENGINEERING (SIDISA 2020)

The Department of Environment, Land and Infrastructure Engineering of Politecnico di Torino organised a two-day symposium on the enhancement of the environmental sustainability of anthropic activities concerning all the fields: water, soil, atmosphere and Life Cycle Assessment (LCA).

During the event, Politecnico di Milano experts Giuseppe Cecere and Lucia Rigamonti, on behalf of the FineFuture project, presented a paper entitled "Life Cycle Assessment of Critical Raw Materials -an innovative flotation process"



Four case studies have been identified in the presented article covering different minerals (copper, manganese, magnesite), various sources (ores, tailings), and beneficiation process lines.

For each case study, the future system with the FineFuture technology implemented will be compared against the traditional one to apply a complete Life Cycle Sustainability Assessment (LCSA). The study proposes applying an overall sustainability assessment to emerging technologies, using a comparative analysis between present and future scenarios to tackle all the related impacts.

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