

FineFuture

NOVEMBER 2019 #2

FINE FUTURE PARTICIPATES IN FLOTATION19

Minerals Engineering International's 9th International Flotation Conference took place at the Vineyard Hotel, Cape Town.

It featured two discrete symposium: Fundamentals and Applications and Plant Practice. Delegates from 33 countries with a total of 293 attendees contributed to the challenges of flotation and the scientific and technological advancement of the techniques.

The solution to the problem of concentrating fine particles less than about 20 microns in size could be the fourth achievement of the 20th century. Twenty years into the 21st century, this is an area that is still intensively researched. The scope of the *FineFuture* EU funded project (No 821265 under H2020 programme) is to valorise these fine particles for multiple industrial minerals and metals (Copper ore, Iron ore, Industrial Minerals, Magnesite, Manganese ore, and Phosphate ores, among others).

The partners of the *FineFuture* project, namely HZDR (DE), Imperial College London (UK), University of Lorraine (FR) and Turboflot services (UA) reported on the scope of the project.

Some of the challenges addressed by the *FineFuture* partners were surface chemistry, particle-bubble interactions, flotation in mechanical cells, pulp-froth interface phenomena, efficient flotation cell and the multiple angles they are addressing the valorisation of the fine particles below 20 µm. Of our industrial partners in *FineFuture* both BASF (DE) and Maelgwyn Mineral Services (UK) presented themselves at the trade fair of the conference, and KGHM (PO) was seen at the sessions and the trade fair.

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FINE FUTURE PARTNERS:

COORDINATE BY: 

PARTNERS:






POLSKA MIEDŹ


GRECIAN MAGNESITE


MAGNESITAS NAVARRAS


IMA Europe


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