

## SO<sub>4</sub> Control

Mining waters contain often sulfates in excessive amounts. The target is to convert sulfates to sulfides by bioreaction and separate the gases produced (CO<sub>2</sub>, H<sub>2</sub>S). The task of the research group is to design and evaluate techno-economically feasible processing solutions containing e.g. a bioreactor and gas separation unit.



 EIT RawMaterials is supported by the EIT,  
a body of the European Union

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### **Project-related publications:**

Zahid, F. (2019) Techno-economic assessment of a process for recovery of sulphur from mining water, M.Sc. thesis, Aalto University.

Kiiipula, K. (2016) Treatment of sulphate in mine waters: Recycling perspective. M.Sc. thesis, Aalto University, 114 p.