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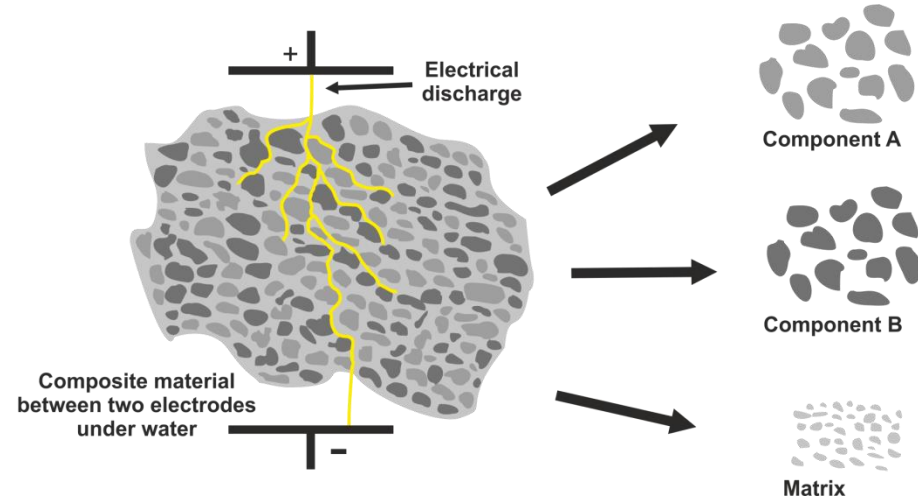
## Selective Ore Separation & Sorting (SOSS)

- Thematic Area:  
Mineability is yet limited and determined by the ratio of ore to gangue. Mechanical methods exhibit several drawbacks. The Selective separation technique pulsed power processing and a subsequent sensor-based sorting will increase mineability.
- Outcomes:  
Increased mineability through the implementation of selective separation techniques offer the reduction of excavation material, increased productivity, no dust or contamination of mill material and processing of material with low concentration.
- Market & Business opportunities:  
Processing of excavation material of existing mines or ore deposits with low concentrations is feasible. Increased productivity and improved environmental performance.
- Wanted additional partners :  
Engineering companies, researchers and mining companies

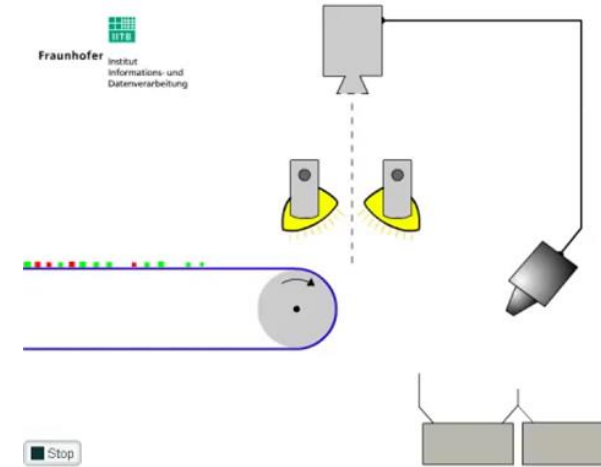
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# Selective Ore Separation & Sorting (SOSS)



Separation by pulsed power processing



Sensor-based sorting

Hyperspectral Imaging

