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Excavation material use strategy

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This talk precedes to the presentation “A first overview of the legal and technical framework for the reuse of FCC’s proposed excavated spoil material” and focuses on advanced online technologies for analysing the excavated materials. In that regard, Industry 4.0 gains great attention and a high priority status. It will give an outlook for proposed important information regarding requirements for raw materials used in industrial processes, which are grain size distribution, mineralogical composition, geochemistry and water content. Research on face monitoring as well as disc-cutter load measurement systems support objective results from geological-geotechnical data taken at the tunnel’s face area.

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