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Processing of waste into building material

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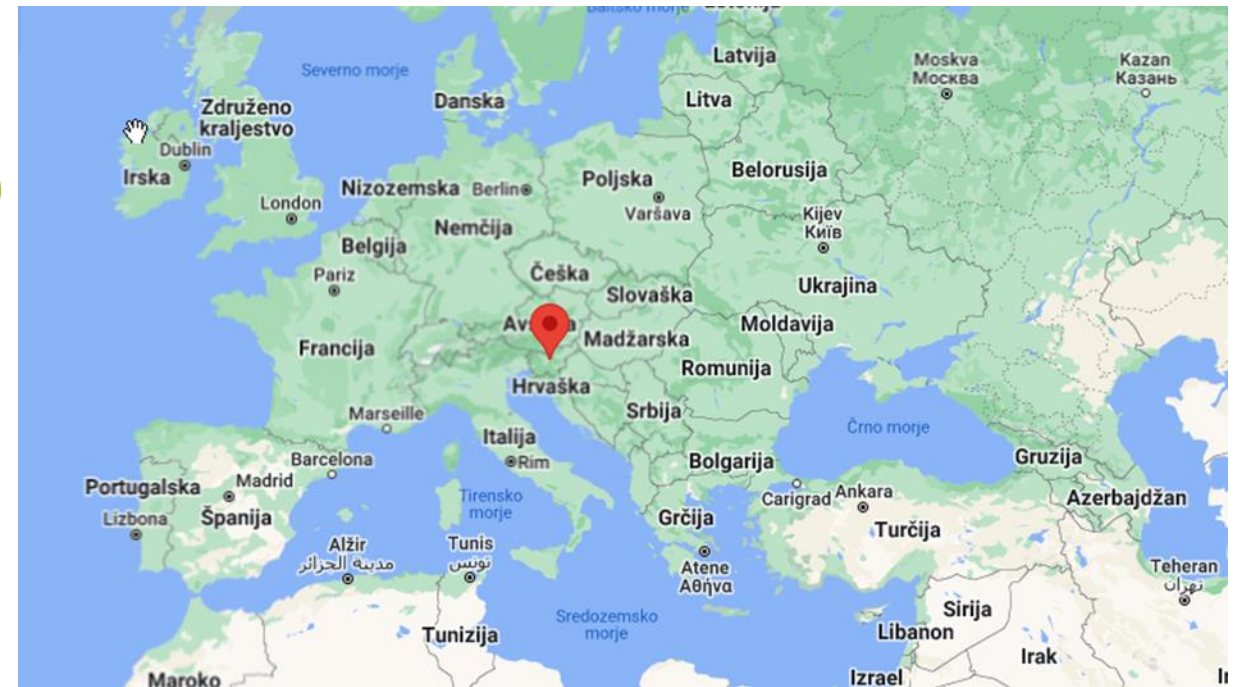
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Termit d.d.

Termit d.d. is a mining company from Slovenia that excavates more than 200,000 tons of quartz sand annually. Excavation pits need to be rehabilitated. For rehabilitation, we use all the material that is removed from the production of quartz sand separation. This material is quartz clay, with the trade name MKG. Despite this, we were faced with a great lack of suitable rehabilitation material.



Picture 1: Termit's location

Excavation of Quartz sand

If excavations were to be rehabilitated with natural materials, this would mean that we would have to excavate suitable material somewhere else in nature, which would mean a new wound in the environment that would also need to be rehabilitated.

That is why we found the appropriate materials in the waste. Out of processed waste with addition of quartz clay we manufacture custom-made building materials that match natural materials.



Picture 3:
custom-made building materials that
match natural materials.



Picture 2: Quartz sand excavation

Rehabilitated quarry

By properly processing waste into materials that have the same properties as natural material, we preserve natural resources, acquire new quality land, prevent waste disposal and preserve natural resources.

By processing waste into materials that replace natural material, we help industries that generate large amounts of suitable non-hazardous waste (such as waste foundry sand, slag, ash, paper sludge, waste from sand pits, construction waste...) We relieve waste owners of the worry of where to dispose of the waste and reduce their production costs. Composites can replace the use of conventional construction materials by natural resources remain preserved, and negative environmental impacts are reduced.



Picture 4:
Quarry filled with custom-made
building materials



Picture 5: Rehabilitated quartz sand quarry

**Time for
questions**



Thank you!

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