

# Reuse of a dredged fluvial sediment as partial replacement of sand in concrete for a cycle path

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The reuse of sediments for civil engineering applications appears to be a suitable alternative to land disposal.



**Waterways** : significant accumulation of sediments

- 73% of particles under 63µm
- 20% of Organic Matter
- High contents of Cd, Pb, Zn

**Challenge : Reuse the sediment as partial replacement of sand in concrete for an application in cycle path, fully respecting the environmental threshold limits.**

