Canada meets the world
How oils sands tailings management knowledge and technologies are applied in europe and beyond, and vice versa
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Natural Mud and Oil Sands Tailings

Tailings

Natural (estuary) mud
1. If you know the differences, you can exploit the similarities.
Natural mud and tailings
2. Natural mud and tailings are a critical resource for sustainable development world-wide.
Building with Nature
Building with Nature
3. BwN improves sustainability (environment, social, cost) of engineering solutions
The Living Lab for Mud of EcoShape

Mud + BwN

Flood risk management, Navigability, Nature development, Water quality, Building material, Local economy
The Living Lab for Mud: five live applications

1. Vegetation recovery
2. Mud Motor
3. Construction natural islands
4. Salt marsh development
5. Clay ripener
The Living Lab for Mud: five live applications

1. Vegetation recovery
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3. Construction natural islands
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+ Interaction with Ecology and Governance (socio-economics)
The Living Lab for Mud: five live applications

1. Vegetation recovery
2. Mud Motor
3. Construction natural islands
4. Salt march development
5. Clay ripener

Knowledge

Pilot

Experts

Scaled up application
Fiber Optics for in-situ density

D9-Kleirijperij site
Delfzijl- the Netherlands
Natural Islands Marker Wadden

Vegetation Recovery Demak Indonesia

Mudmotor Koehol

Wetland / Salt Marsh Development Marcon Delfzijl
Conclusions

1. Mud and tailings: if you know the differences you can exploit the similarities
2. Mud and tailings are critical resource for sustainable development world-wide
3. BwN improves sustainability of engineering solutions
4. A lot of relevant knowledge and technology is being tested and applied world-wide

We look forward to our next Canada – Europe pilot.
Thank you
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