

SLAMDAM by Zephyr Consulting

A Rapidly Deployable Water-Filled Flood Barrier

The SLAMDAM-technology, developed in The Netherlands, is an innovative and low-cost technological solution to enhance resilience against floods. The product is a mobile emergency barrier, which can easily be deployed when there is a threat of flooding. The same technology can also be used to store water and other fluids vapor tight to improve access to water in times of drought.

SLAMDAM's unique design and material enable an exceptionally flexible solution for the emergency dam and water retention market. The product is made out of EPDM, a synthetic rubber having unique properties related to heat, ozone and weather resistance. These properties allow for the product to be used in many different conditions as an effective flood defense system. The flood barrier can be customized to meet local specific requirements. A video on how SLAMDAM works can be found [here](#).

Unique Benefits

- Patented design
- UV-resistant and vapor tight material
- Flexible design to withstand high pressure
- The only mobile barrier that is TÜV-certified
- Lifespan of 40+ years
- 100% recyclable
- Award “Most effective solution against flooding”
- Finalist TechEmerge program of the World Bank



Proposal

The mobile flood barrier can be deployed at coastal and non-coastal areas to prevent climate-induced flooding. Simultaneously, fresh water can be stored in the dams to be used in times of drought. We build climate change adaptive capacities and manage knowledge of institutions, flood response teams and local communities. Complementary products and services include consulting services related to flood risk and complete Flood Early Warning Systems (FEWS).

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