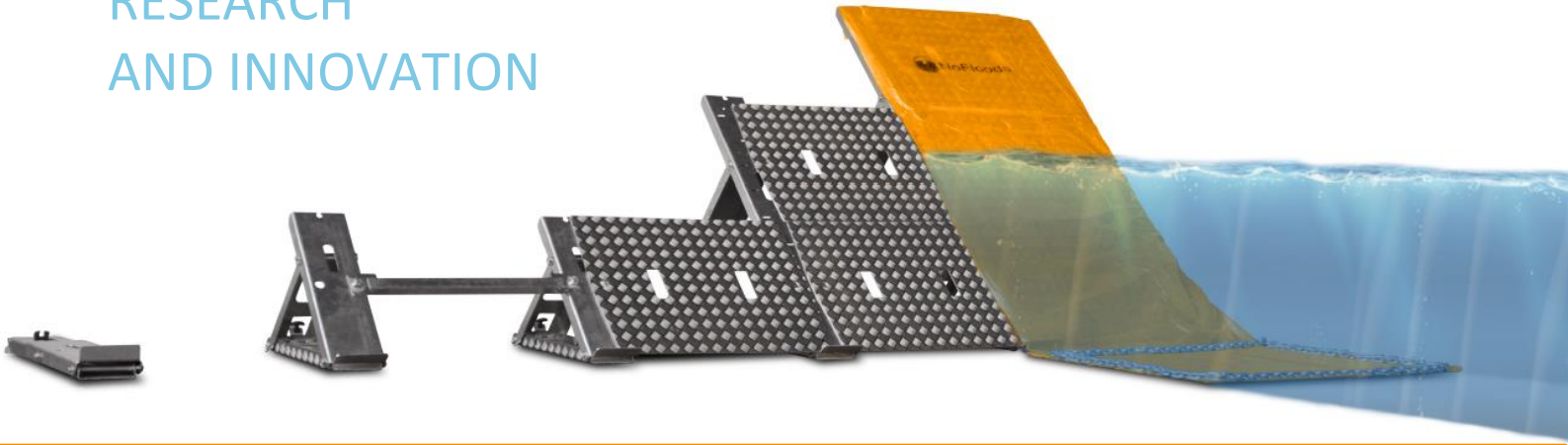


KNOWLEDGE RESEARCH AND INNOVATION



NOFLOODS ALU BARRIER

The NoFloods ALU Barrier offers one of the most effective solutions for flood mitigation and loss reduction. It uses aluminum as core material and a waterproof membrane to create flood barriers with a retention height of up to 1.50 m. The high strength and lightweight of the aluminum structure gives a barrier that is easy to install, robust, flexible, reusable and with a lifespan of 50 years. Safety and stability have been carefully engineered into the design, which means that the barrier will remain stable regardless of potential overflow or erosion. The NoFloods ALU Barriers are easy to install and due to the low weight of the system one man can easily install the barrier. The installation follows an easy and logical step-by-step assembly procedure, making the NoFloods ALU Barrier suitable for personnel with limited training.



RAPID AND EASY

- ✓ Lightweight
- ✓ Easy to handle
- ✓ Rapid and logical assembly

MODULAR

- ✓ Easily extendable
- ✓ Compatible to attach with other models

EFFICIENT & RELIABLE

- ✓ Deployable on all surfaces
- ✓ Flexible - turns and corners
- ✓ High stability

SUSTAINABLE

- ✓ 100% reusable
- ✓ 50 years lifespan

NoFloods ALU Barrier models for flood control:

Model	Retention height	Standard length	Unit weight
AS-BA0B	50 cm	1m sections delivered in boxes of 25-50 meters	14,2 kg
AS-BA0C	70 cm		18,4 kg
AS-BA0D	80 cm		25,4 kg
AS-BA0D	100 cm		29,7 kg
AS-BA0H	150 cm		56,8 kg

The global economic exposure to both river and coastal flooding, based on population density and land use, is estimated to be in the range of \$30-40 trillion. Based on a range of factors including both climate changes, rising sea levels and growing urbanization the total global exposure in 2050 is projected to increase to \$80-150 trillion. Environment Solutions provides governments, industry and public and private entities with solutions that prevent floods from causing damage or limit their