

EVERYONE HAS A ROLE IN MANAGING WATER



We examined the multi-layered safety approach in 15 pilot project in five North Sea Region countries.

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Water plays an important role in our lives in the North Sea region especially now that seawater levels keep rising and groundwater levels keep declining due to the changing climate. The FRAMES Interreg project researched how a multi-layered safety approach to water management can help us build resilient areas and communities for a waterproof future.

Multi-layered safety approach

Following an integrated safety approach on four layers we can design flood resilient areas.

1 Protection

Building, raising and expanding the dikes in our region forms a first level of protection to the effects of possible floods.

2 Prevention

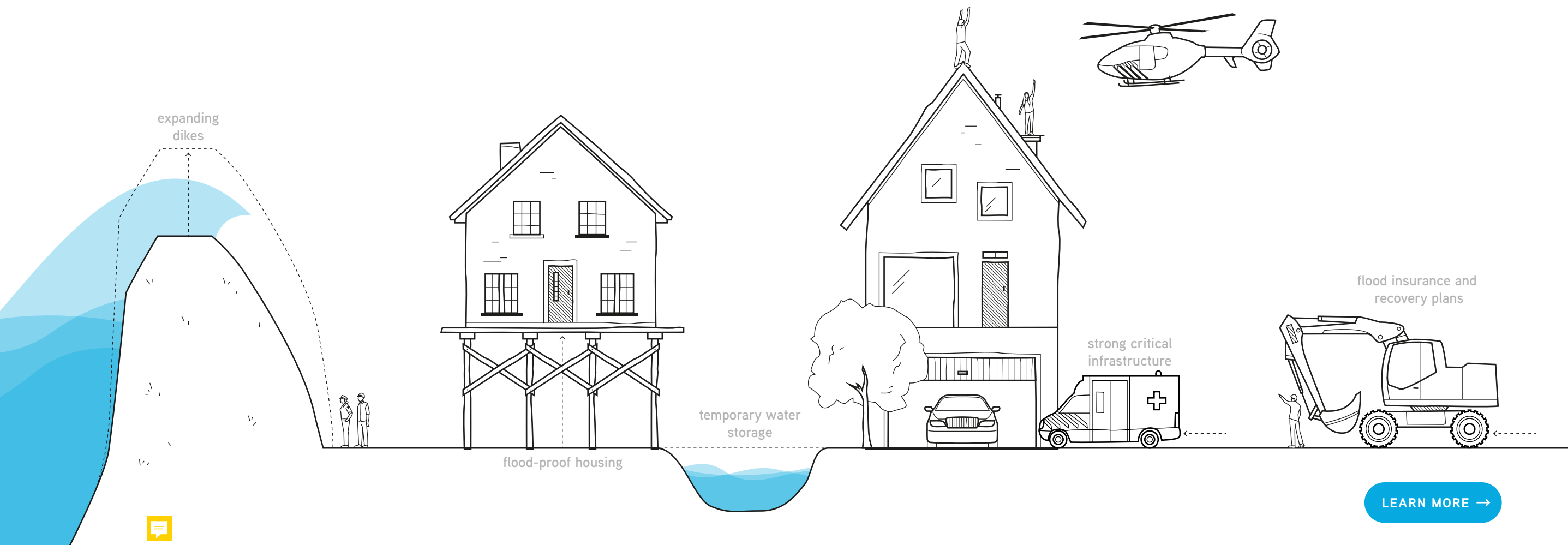
In case floods do occur prevention and mitigation measures such as temporary water storage facilities and flood-proof housing will reduce possible damage.

3 Preparedness

A strong critical infrastructure through which emergency services can respond quickly and inhabitant can easily evacuate from flooded areas is essential.

4 Recovery

Thinking of flood insurance and recovery plans beforehand facilitates the actual reconstruction afterwards.



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Resilient communities

Building up a resilient community in which all parties contribute equally is vital to the success of the multi-layered safety approach.

► Inform & increase awareness

Flood risk management authorities need to provide more and better information by designing school programs, risk assessments and media campaigns to increase awareness about flood risk within the community.

► Connect & collaborate

Investing in strong connections and equal relationships between all parties involved, from authorities to inhabitants, will increase trust and involvement in the approach.

► Share responsibilities

Once people are well-informed and strong knowledge and expertise networks are built, the community realises that we all have a role and responsibility in managing water.



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