

HOW ENGINEERS SOLVE FLOODING PROBLEMS IN IRELAND



Flooding happens when there is:

- Too much rain
- Storms and high tides
- Blockages in rivers and drains

Most people live near water because:

- Water is needed for drinking and washing
- There are fish to eat
- You can grow food

But sometimes places flood



So what's the problem?

Flooding can be dangerous and can:

- Injure people and animals
- Damage houses – it can ruin carpets, furniture, electrical items
- Damage businesses and farms
- Damage roads

Engineers

Solve flooding problems by:

- ✓ Researching the problem by gathering flood information
- ✓ Using maths and apps to look at the chances of a place flooding
- ✓ Looking at the effects of more rainfall and rising sea levels (Climate Change)
- ✓ Talking and listening to the people who live nearby
- ✓ Using their knowledge and experience to design solutions
- ✓ Building flood relief schemes to fix the problem

