ESCAPE project

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The flood protection system is stronger than ever, but the potential losses are bigger than ever!
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Chance constant ....

Chance  Potential loss  Risk

\[ \text{Risk increases} \]
The ESCAPE project focuses on compartmentalization, spatial planning, risk communication, and emergency planning to raise and differentiate standards. The diagram illustrates the relationship between chance, potential loss, and risk over time. The processes include:

- **Chance**
- **Potential loss**
- **Risk**

Compartmentalization, spatial planning, risk communication, and emergency planning are key components of the project.
Number of fatalities due to a breach of dykes

0 - 100
100 - 500
500 - 1000
1000 - 5000
5000 - 10,000
10,000 - 100,000
100,000 - 200,000
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- **Partners:**
  United Kingdom, Belgium, The Netherlands

- **Title:**
  European Solutions by Cooperation and Planning in Emergency for coastal flooding

- **Aim:**
  Minimize effects and consequences of flooding
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Actions:

• Evacuation planning
• Awareness
• High water Information System (HIS)
• Decision support system (DSS)
Inundation Zuid Beveland

Legend
- Localities
- Overstroming
- Waterdepth (m):
  - <= 0.02
  - > 0.02
  - > 0.10
  - > 0.20
  - > 0.30
  - > 0.40
  - > 0.50
  - > 0.60
  - > 0.70
  - > 0.80
  - > 0.90
  - > 1.00
  - > 1.10
  - > 1.20
  - > 1.30
  - > 1.40
  - > 1.50
  - > 1.60
  - > 1.70
  - > 1.80
  - > 1.90
  - > 2.00
  - > 2.10
  - > 2.20
  - > 2.30

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Conclusions:

• Focus on prevention

• Blind spot elsewhere risk chain

• HIS useful tool for reducing potential loss
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Thank you for your attention