

**Subject:** Invitation breach growth test 27 June 2022

### **You are invited to a breach growth test**

On June 27th, the VPdelta+ and Polder2C's teams would like to welcome you to TU Delft's living lab: Flood Proof Holland. This is a Living Lab focused on smart alternatives to the sandbag, testing and demonstrating smart monitoring tools/data collection and experiments for more effective levee management. In this Living Lab, floods can be simulated to test and improve innovative temporary flood defenses. In addition, a test levee has been constructed at the polder site where a great deal of research into failure mechanisms such as 'piping' and breach growth/levee erosion is taking place.

### **Join us on 27 June**

On June 27, TU Delft PhD student Mario van den Berg will conduct a live breach growth experiment on the test levee to gain better insight into breach growth with foreshore. This research is part of the INTERREG Polder2C's project.

We hope you will join us and Mario for this special event.

### **Programme**

- 14.00 - 14.30 Start
- 14.30 - Introduction and welcome to Flood Proof Holland, Lindsey Schwidder TU Delft
- 14.35 - Introduction and welcome to Polder2C's, Ludolph Wentholt Polder2C's/STOWA
- 14.40 - Tour and demonstration of the various innovations being tested
- Guide everyone to the large basin*
- 15.30 Welcome and introduction of Mario's experiment by Professor Bas Jonkman
- 15.40 Short explanation of what is going to happen by Mario van den Berg
- 15.45 Start demo
- 16.30 Closing words Polder2C's
- 16.35 Drinks

### **Register**

Make sure you do not miss this experiment and register in under a minute via this link:

<https://forms.gle/XvEXqusKrcwDSxGu6>

### **More information VPdelta+ and Polder2C's**

VPdelta+ is an innovation programme of TU Delft. VPdelta+ coordinates testing grounds in which startups, scale-ups, entrepreneurs, students, scientists and area managers test, improve and demonstrate innovative concepts. In addition, the programme organises and facilitates the cooperation between knowledge institutions, governments and businesses. In this way, VPdelta+ stimulates and accelerates innovation and implementation of climate adaptive solutions.

Polder2C's is an international project aiming to improve the 2 Seas region's capacity to adapt to the challenges caused by climate change. Fourteen partners from this region have joined forces in this project. Polder2C's focuses on three topics: flood defense, emergency response and knowledge transfer to the next generation of water managers. Polder2C's receives a contribution of 3.9 million euros from the European Interreg 2 Seas program 2014-2020, co-financed by the European Regional Development Fund under subsidy.