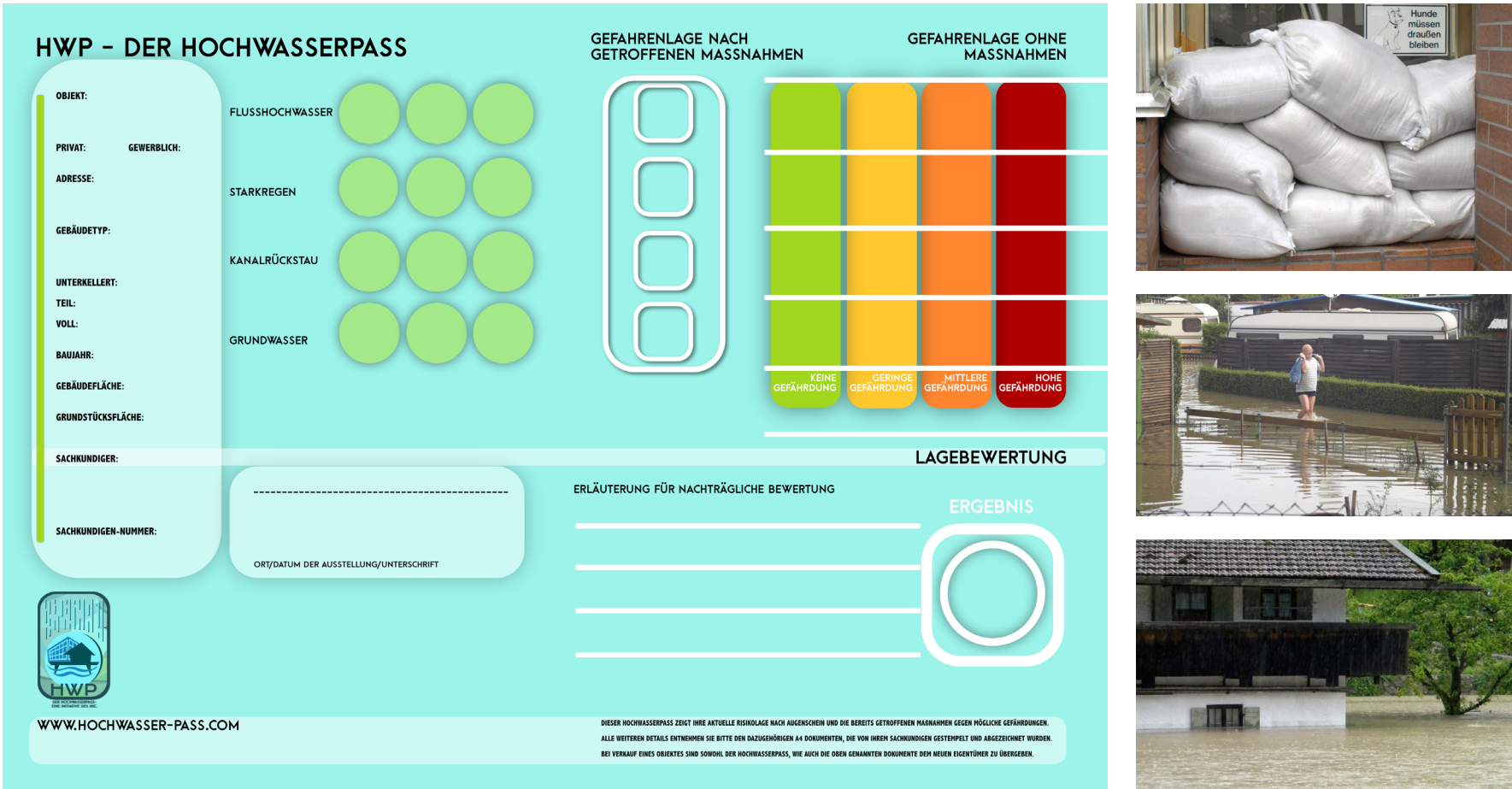


# FLOODLABEL

River floods are among the most expensive natural disasters in Europe. Extreme inundations threaten urban life in cities. Traditional flood protection methods are not sufficient anymore.

To protect cities from flooding and other types of inundations, traditional government-led flood protection needs to be complemented by homeowners’ adaptation. Now, especially homeowners lack risk awareness, and knowledge of measures and triggers to take action. Smart and innovative solutions to increase the resilience of our urban regions are urgently needed.

The FLOODLABEL informs homeowners of their specific flood risk and individual adaptation measures for their houses. This prototype tool supports the planning and decision-making of experts and local governments to achieve more flood-resilient cities.



### Aim/objective

- Informing homeowners of their specific flood risk and individual adaptation measures
- Developing a governance tool, to create awareness by homeowners for their flood risk
- Triggering precautionary damage mitigation measures by individual land users

### Approaches/methods

- Designing, testing and implementing a smart governance tool—the FLOODLABEL—in urban living lab experiments
- Developing different ICT supported smart tools for geo-visualizations in different institutional and geomorphological contexts

### Expected results and impacts

- Delivering smart flood labels for buildings as a tool for more flood-resilient cities
- Embedding the experiences from the living labs in strategic governance arrangements between land users, water authorities and insurance companies

**FLOODLABEL – A smart tool for governance towards flood-resilient cities**

**Duration:** 2017–2020

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**Budget:** 881.889 EUR

**Partners:** Utrecht University, BOKU – University of Natural Resources and Life Sciences, Ghent University, Nelen & Schuurmans, German Flood Competence Centre, Flanders Environmental Agency

### Involved cities

- Living lab experiments will be carried out in:
- Graz
  - Beersel
  - Cologne
  - Rotterdam and the Hague

The German HochwasserKompetenzCentrum is working on a forerunner of the FLOODLABEL, the so-called HochwasserPass

### About JPI Urban Europe

JPI Urban Europe is a transnational research and innovation programme on urban transition. With the ambition to develop and validate new solutions for sustainable and liveable cities, a cooperation platform and programme is provided to connect urban stakeholders, researchers, cities, business and society

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