



Urban Agenda Platform

The global platform for sharing progress, action and knowledge on the implementation of the New Urban Agenda to achieve sustainable urban development.

Predicting and presenting urban pluvial flooding

Title of the Urban Solution

Region	Europe and Central Asia
Award Scheme	World Urban Campaign
Sustainable Development Goals	Goal 11 - Make cities and human settlements inclusive, safe, resilient and sustainable

Summary

The have optimized predictions of urban pluvial flooding and its consequences by the use of different data sources.

Background and Objective

By comparing the predictions with real life events, the model will be fine-tuned, increasing the ability to predict how rainwater flows to lower areas. The model results are being presented in 3D. The impact of our approach and presenting urban pluvial flooding is the creation of awareness of climate. Not only for consultants or civil servants, but also for board members and citizens. This gained knowledge and understanding is used in the design and (re)construction of public spaces and new cities. Furthermore, other topics related to climate change are brought under attention, like the urban heat island effect. Combining and weighing measurements is made possible.

Resources devoted to delivery

Know more: <https://youtu.be/K5fX23je-R4>