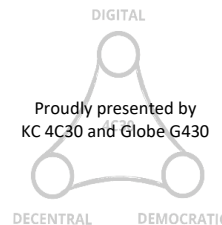


# We Help/AYLLUDAMOS: Citizen-centered innovation for climate-proofing urban infrastructure

## Potential Climate/ Disaster Impacts addressed and Justification for this Approach

We Help/AYLLUDAMOS is a digital solution that helps citizens locate their family members and friends in cases of urban flooding. While doing so, it collects necessary flood data in real-time, saving about 3 months of work for the municipal administration and contributing to climate-proofing the local infrastructure in the long term. „Ayllu“ is Quechua and was the smallest part of the Inca society, meaning the family. AYLLUDAMOS in Spanish sounds like „ayudamos“, “we help”.



## Process of Implementation

Co-created, tested, and implemented in the city of Trujillo in Peru, the digital solution AYLLUDAMOS has three components:

- (1) a meteorological station with seven sensors as a main component of the early warning system,
- (2) a mobile app where citizens can locate their family and friends as well as report incidents to the municipality, and
- (3) a dashboard for municipality officials. A corresponding transfer package includes source codes and database, as well as data privacy training, a tutorial, a manual, motivational videos, a comic, and two business models.

### Project Title

ICT-based Adaptation to Climate Change in Cities (IKI)

### Project Number

2016.9014.8

## Results and Impacts

We Help / AYLLUDAMOS aims to facilitate data exchange between citizens and the municipal administration in the event of urban flooding. Users can depict the level of flooding at their current location, facilitating precise communication on water level and personal safety to family and friends. Simultaneously, the municipality can climate-proof urban infrastructure and services based on user-generated data, which complements data from satellite pictures and remote sensing. The provided data is subsequently visualized and displayed in a dashboard at the monitoring center in the municipality. AYLLUDAMOS has been upscaled and adapted to the city of Chiclayo in Peru and the city of Kochi in India.



### TYPE OF APPROACH

Cooperation & Knowledge Sharing



### COUNTRY

Peru, India



### LEVEL OF INTERVENTION

(inter-)national, city, neighbourhood



### TYPE OF RISK MANAGEMENT

prevention, resistance, transformation



### MAIN HAZARDS ADDRESSED

Flood



### URBAN FUNCTION PROTECTED

all



### SPHERE OF INTERVENTION

socio-political sphere/ governance, economy, environment



### RESOURCES REQUIRED

Overall budget: ca. EUR 500.000, including 1 national staff, local consulting companies



### COOPERATION PARTNERS

City government, citizens of the cities of Trujillo and Chiclayo.



### LINKS

<https://www.international-climate-initiative.com/en/project/ict-based-adaptation-to-climate-change-in-cities-17-ii-142-global-g-ikt-basierte-anpassung-in-staedten/>  
<https://www.youtube.com/@ict-aglobalprogram9323>