

Project partners



GDAŃSK UNIVERSITY
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University of Applied Sciences



UNIVERSITÄT
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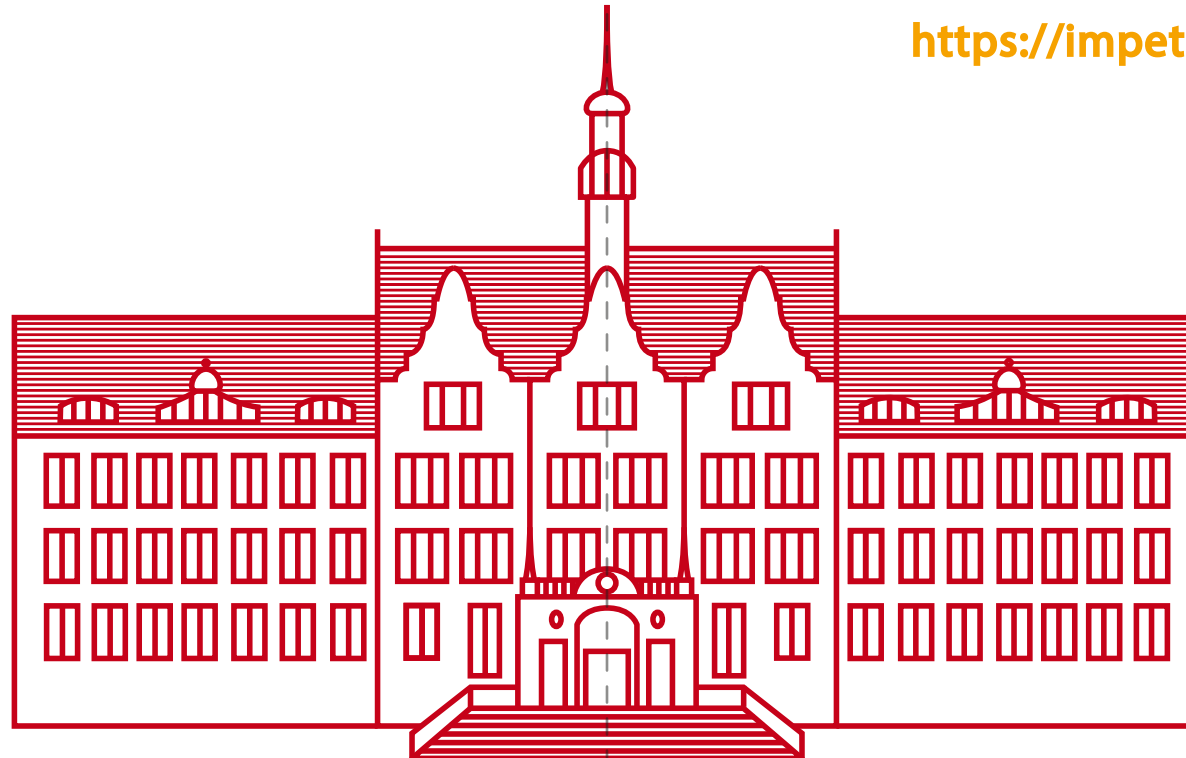
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Impetus

Innovative measurement tool towards
urban environmental awareness

<https://impetus.aau.at/>

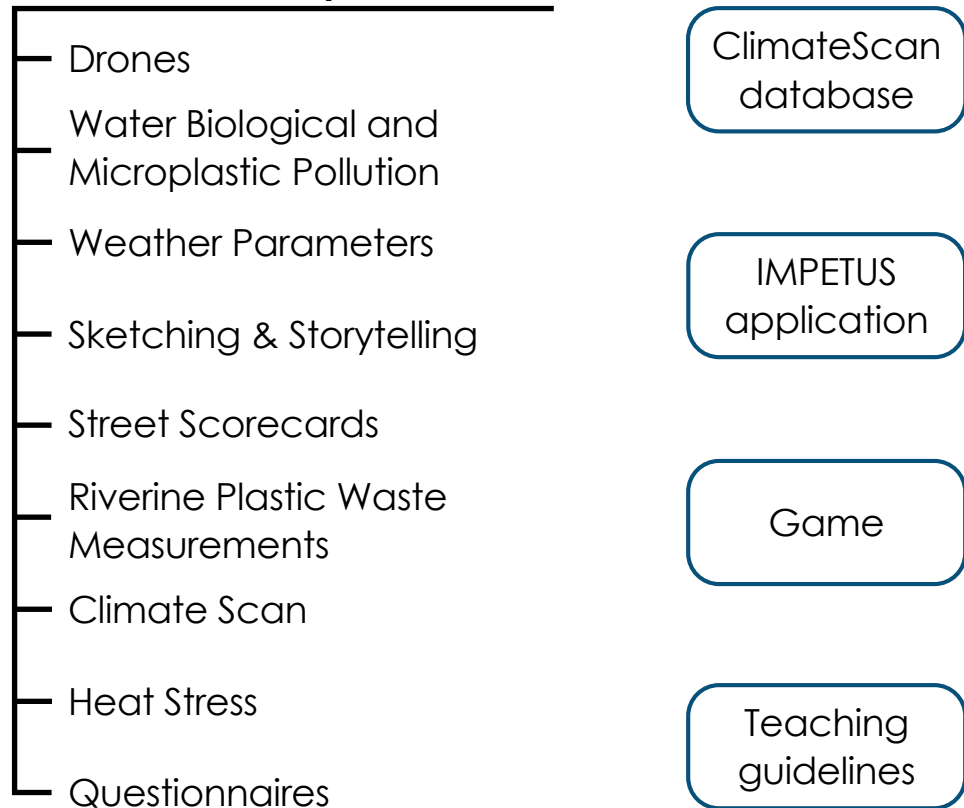


About IMPETUS

The result of the IMPETUS project is a holistic methodology supporting the diagnosis of urban areas and resistance to climate change. It is based on IT solutions and combines engineering, sociological and artistic methods for collecting data on the urban environment, human well-being and climate change effects.

Project outputs

Measurements procedures



ClimateScan database

Collected data can be shared via the ClimateScan database. Access to the database is at www.climatescan.nl - a web-based, narrative map application for international knowledge exchange on projects around the globe. It focuses mainly on topics related to urban resilience, climate proofing and climate adaptation, human health and well-being.

IMPETUS application

We developed the IMPETUS application (impetus.climatescan.org) to help conduct field measurements on water biological, microplastic and plastic pollution, air pollution and parameters, flooding risk and others. We also prepared booklets to guide the user how to use cognitive maps and sketches to diagnose climate effect in urban areas as well as geo-questionnaires to monitor human well-being and climate change awareness.

For teachers we developed the set of Teaching guidelines and for students the Game to make learning more interesting.

All IMPETUS measurement procedures are easy to be used and can help to engage citizens in public participation and teach secondary schools and university students.

Welcome to our website <https://impetus.aau.at>, where you will find the Manual and all necessary instructions and links to materials.