

UNIVERSITY OF TWENTE.

OGITO –  
AN OPEN GEOSPATIAL INTERACTIVE TOOL  
TO SUPPORT COLLABORATIVE URBAN PLANNING

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Mini Symposium on Sustainable Research Software  
Development for Geo-Information Science and Earth Observation  
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FACULTY OF GEO-INFORMATION SCIENCE AND EARTH OBSERVATION

# SCIENTIFIC MOTIVATION

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**Urban planning:** Process of intersubjective communication (Healey 1997) in different arenas to actively co-create knowledge (Rydin 2007)

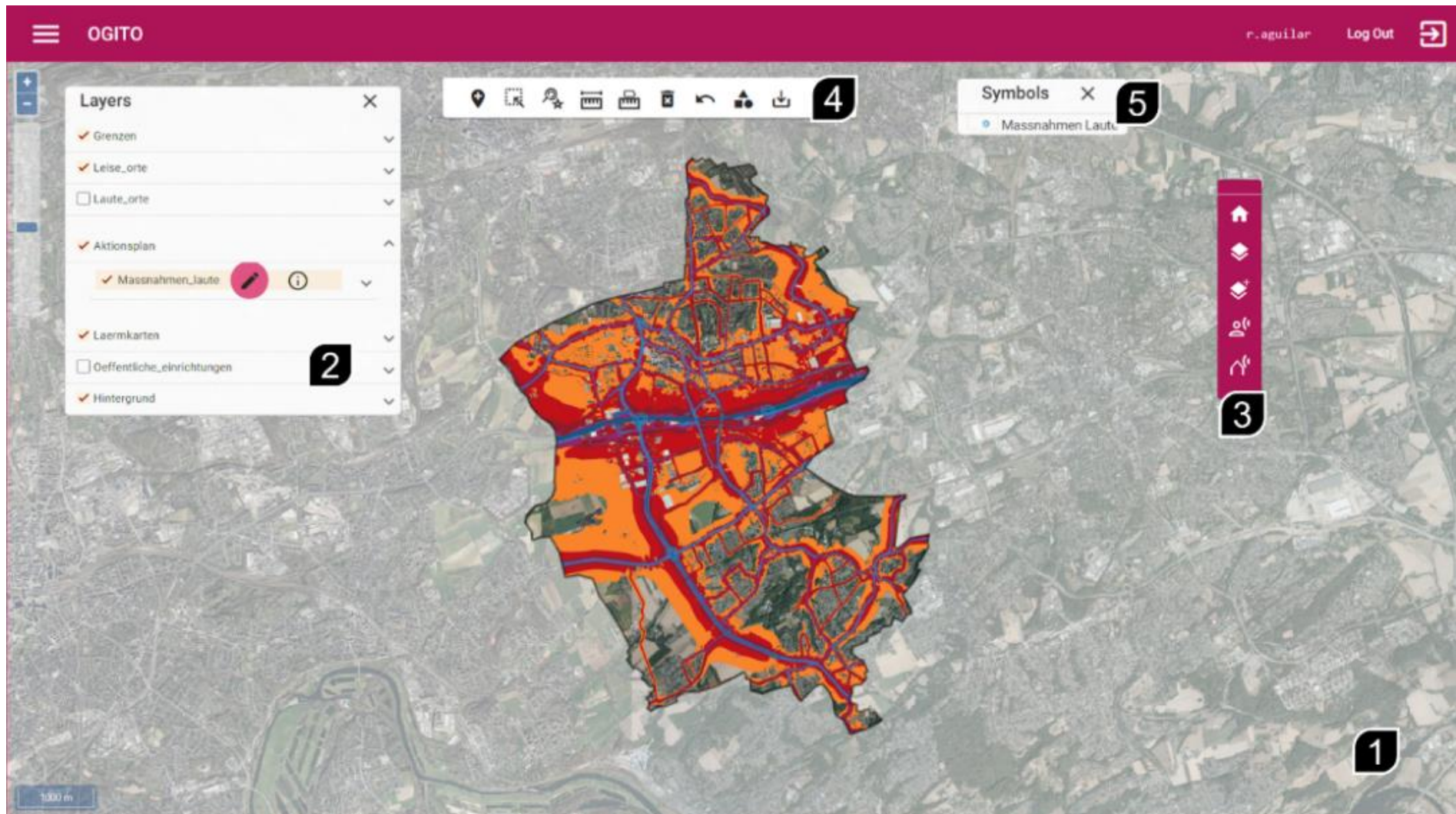


**Gap:** user-friendly, intuitive, open-source software tools for maptables



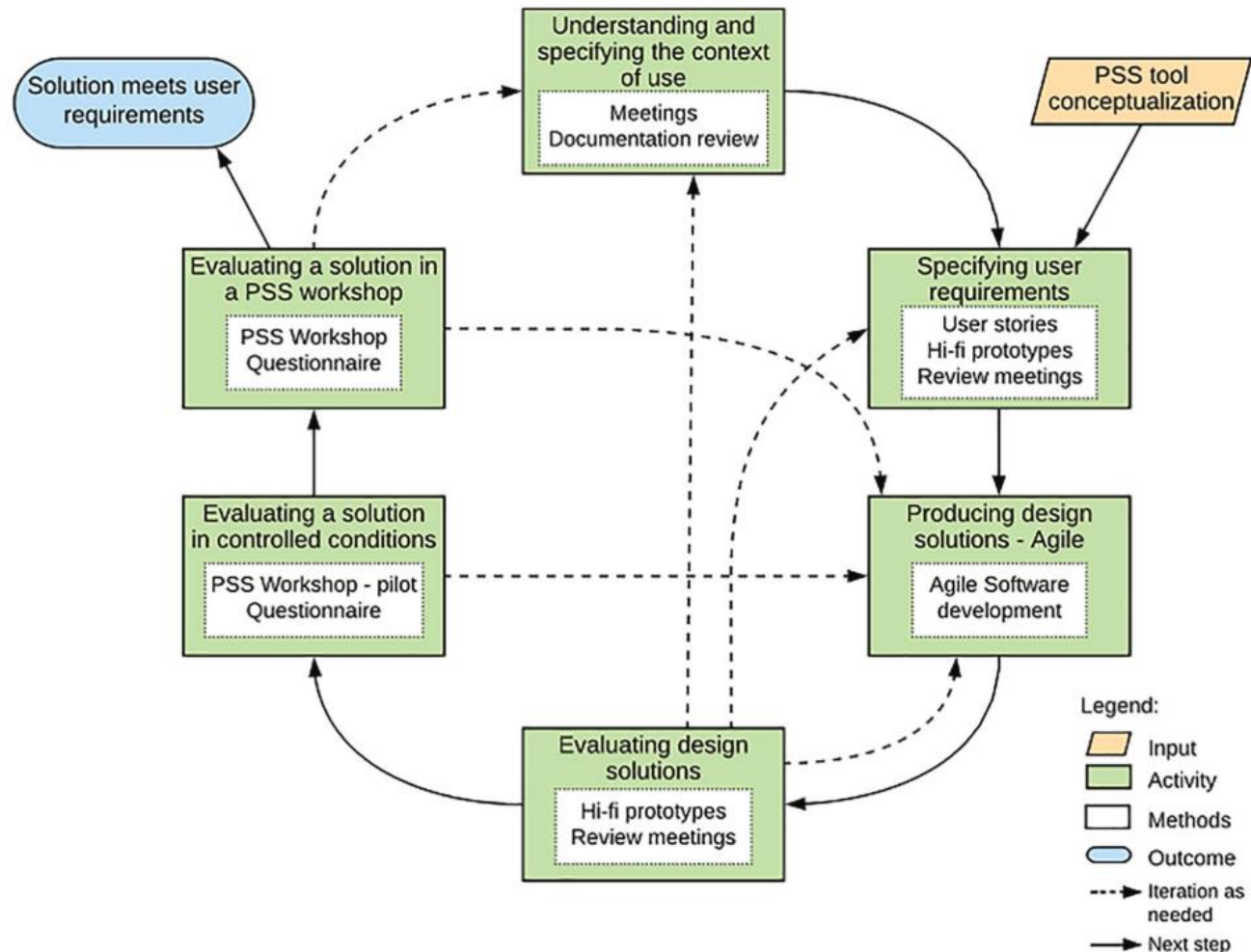
# OGITO-TOOL

OPEN GEOSPATIAL INTERACTIVE TOOL

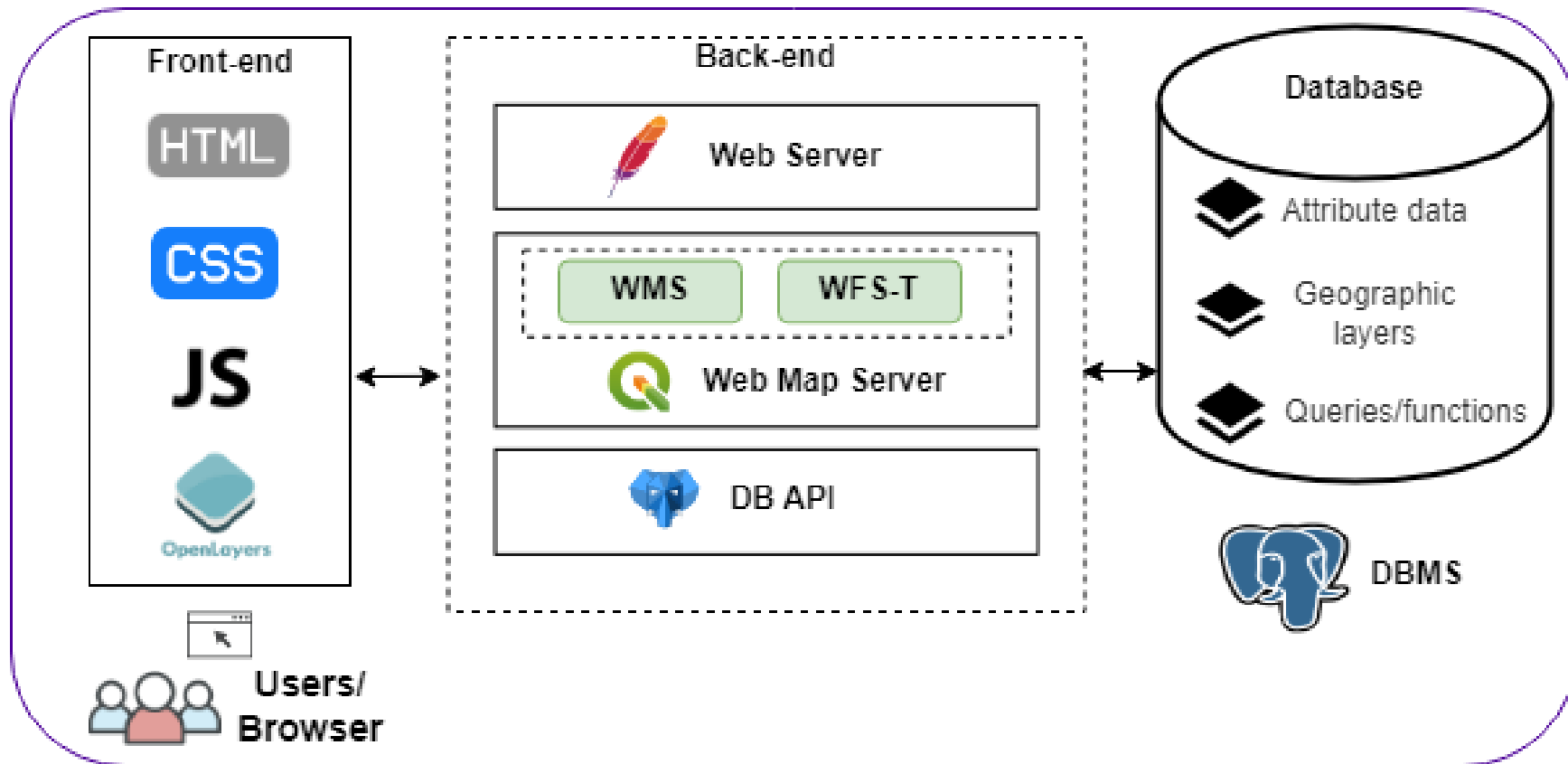


# OGITO TOOL DEVELOPMENT – CO-DESIGN PROCESS

## TO OVERCOME THE IMPLEMENTATION GAP



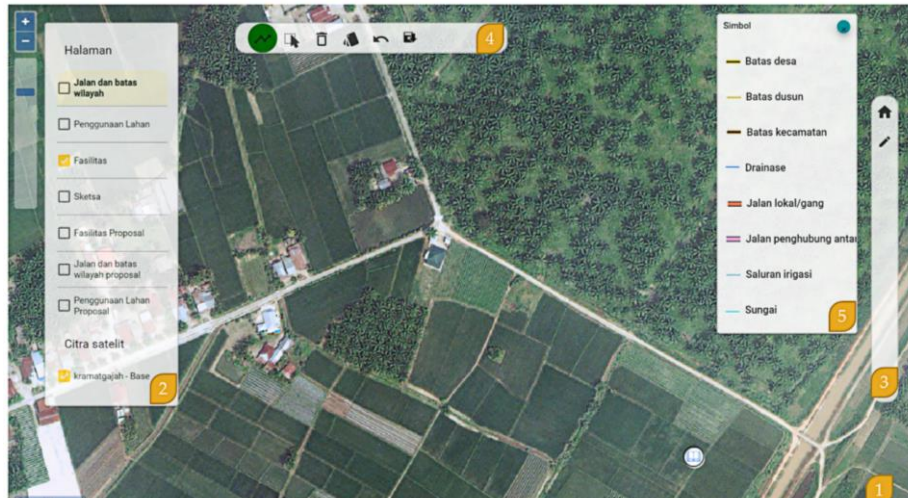
# OGITO TOOL – ARCHITECTURE



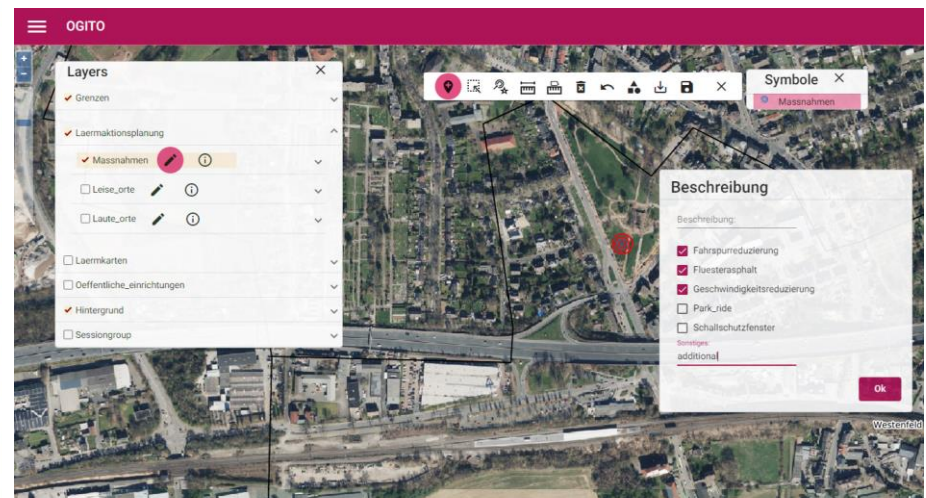


# OGITO TOOL DEVELOPMENT – TWO CASE STUDIES

Rural land use planning and budgeting  
Semarang, Indonesia



Noise action planning (NAP)  
Bochum, Germany



# CURRENT DEVELOPMENT PROGRESS AND FUTURE PLANS

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- Further development of OGITO in two small projects
- Co-design of an **inclusive** collaborative mapping tool: co-researchers are people with disabilities
- Software development: long-term collaboration with 52North, Muenster
- Long-term vision: open-source software package for mappable tools

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**Thank you!**

**Dr. Johannes Flacke**



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