

# Resource supply in Eastern Bavaria and Critical Infrastructures (ORKI)

Project manager Prof. Dr. Markus Bresinsky

Project assistant Miriam Pöhner



OSTBAYERISCHE  
TECHNISCHE HOCHSCHULE  
REGENSBURG

# The geographical location of the project



# Content of the project

## Main areas of concern

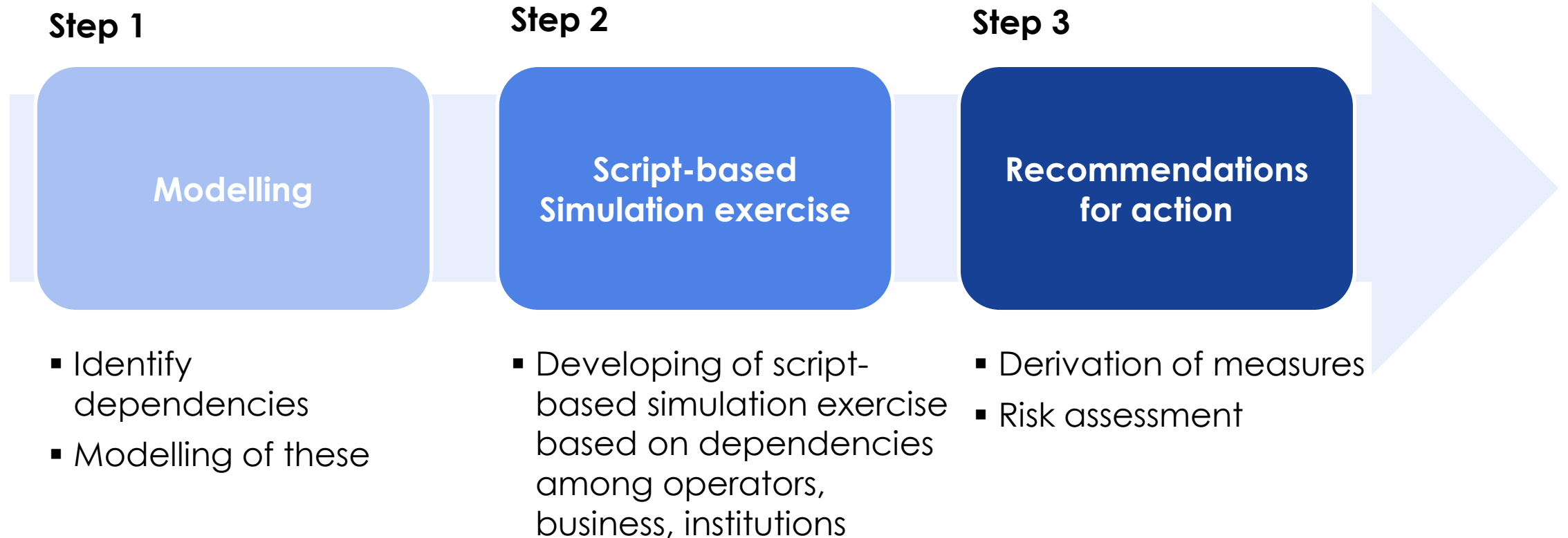
- Critical Infrastructures and resource supply
- Dependencies, specific fringe areas
- Developing a problem and situational awareness
- Preparation, resilience

## Aspects

- System-of-Systems Approach (theoretical basis)
- Cross-border (Eastern Bavaria – Czech Republic)
- Cybersecurity as one aspect



# Project approach



# Activities within the project

- European workshop *Joint Effort* on critical infrastructures and cybersecurity
- Research project with consulting company KPMG (with students)
- Project presentation at seminars, e. g. at the Academy for Crisis Management, Emergency prevention and Civil Protection near Bonn and at a Conference at the Polytechnical University in Valencia
- Networking, finding potential project partners
- Developing project proposals for further funding

# Project results and partners

- Created more in depth research basis on the topic
- Simulation with a regional water supplier for a simulation in the region of Eastern Bavaria
- Discussions with experts on the topic, political perspective
- Potential partners for further proposals: Fraunhofer Institutes in Germany, KPMG as associated partner
- Approved project for cooperation with the College of Polytechnics in Jihlava, CZ