



Earthquake Master Plan for Gaziantep City

Part 1: Earthquake Damage Prognosis, Preparedness Strategies



Motivation



- Enhancement of the earthquake resilience of according to expected earthquake shaking
- Decrease of the risk of damages according to earthquakes
- Increase the earthquake safety of the inhabitants of the city
- Gaziantep is now developing into a regional center of economic power, and an earthquake there might lead to much more than the cost of the immediate replacement of the endangered physical assets.
- It will be a policy instrument based on science and technology to guide rational decisions that will improve the resilience of the city of Gaziantep, and provide added safety for the inhabitants, infrastructure as well as industrial facilities!



Project Phases & Partners

Project Phases



Pilot Study

Earthquake Damage Prognosis for representative test areas
Aim/ Outcome: Establishment of working group for Phase I

- ...

Building Stock

Earthquake Damage Prognosis for Gaziantep city

Life line structures

Industrial facilities

Infrastructure

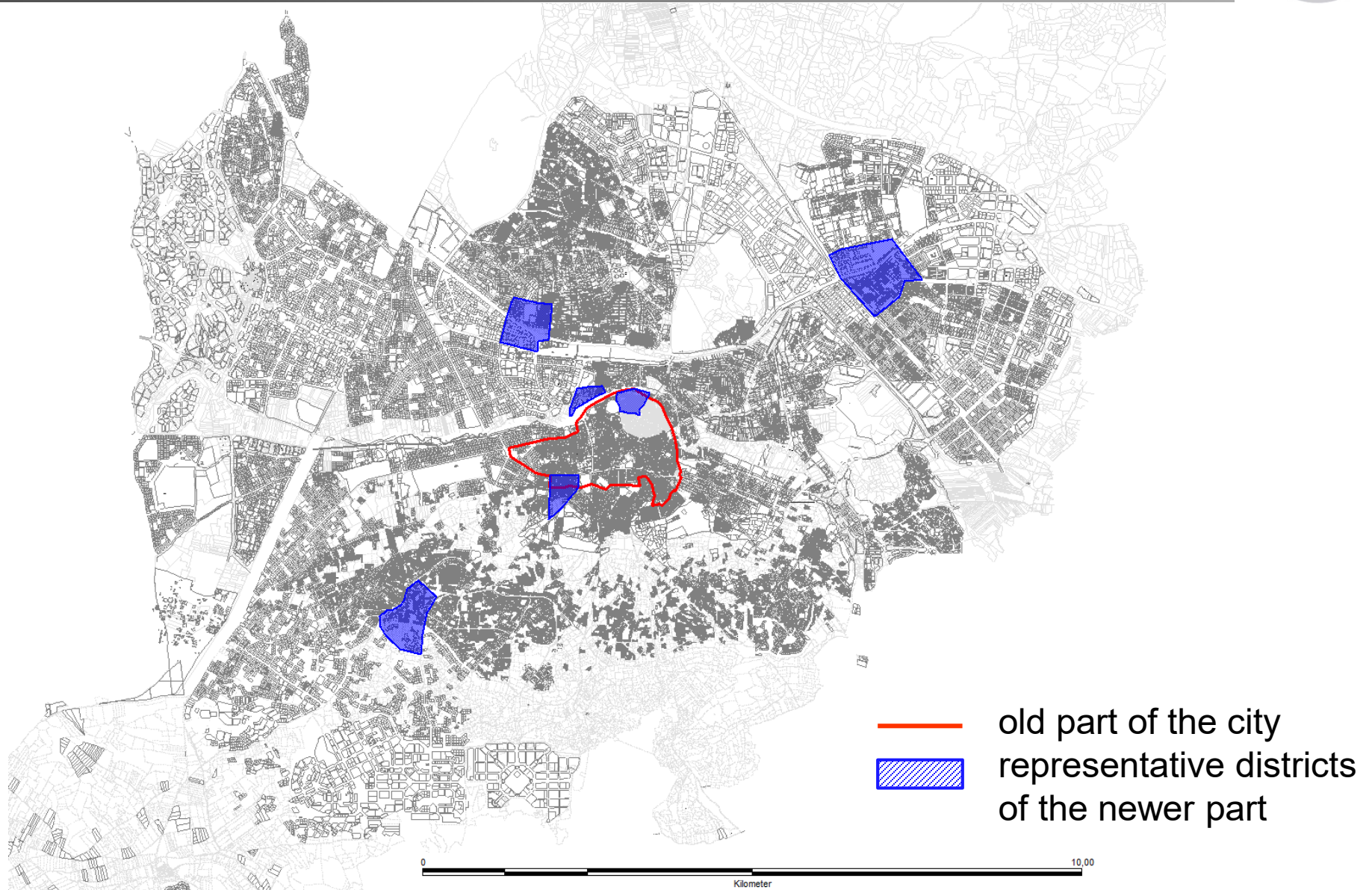
Phase I

Phase II

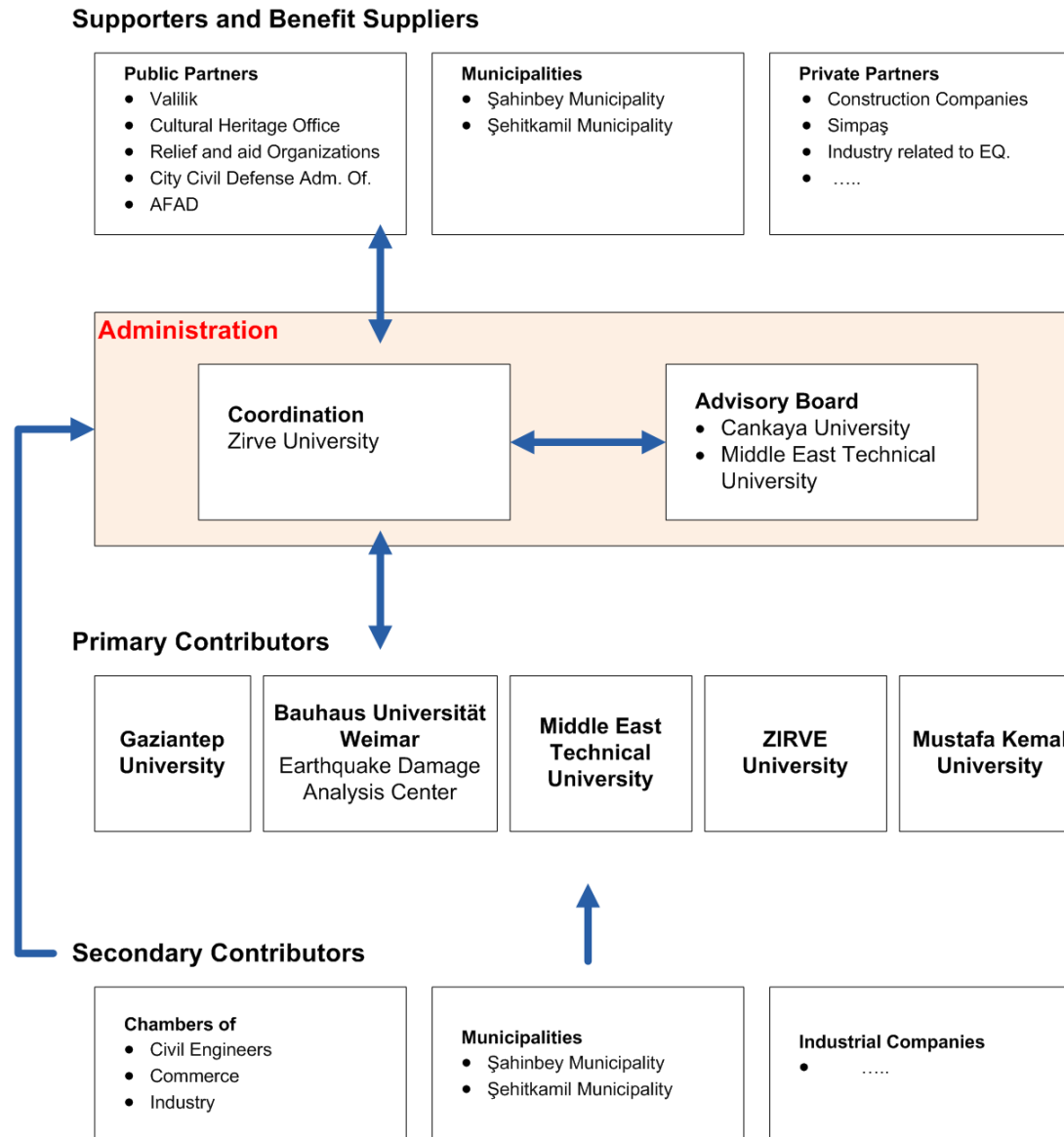
Preparedness and Strengthening Strategies

Could run parallel to Phase I

Test areas for Pilot Study (Building Stock)



Contributing Institutions – Pilot Study



Contributing Institutions – Phase I

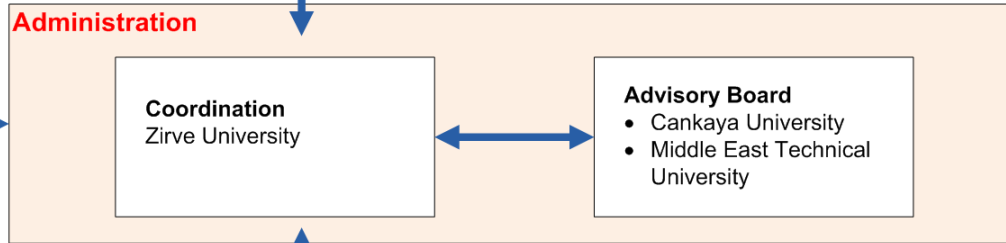


Supporters and Benefit Suppliers



Plus:

- **Urban Planer**
- **Economists**
- **Sociologists**



Primary Contributors



Secondary Contributors

