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Tanja Goebler

Region Hannover: Autonomous bus shuttle University Hannover/Garbsen

31.05.2017



Region Hannover



Region Hannover



Leibniz
Universität
Hannover



regiobus
hier und nah

The future project: Autonomous Bus-Shuttle Garbsen

Project-Partners

Region Hannover

- Transport planning department
- traffic management centre

University of Braunschweig

- Institut of vehicle electronics
- Institute of Transportation and Urban Engineering

Leibniz University of Hannover

- Institut of Geoinformatics

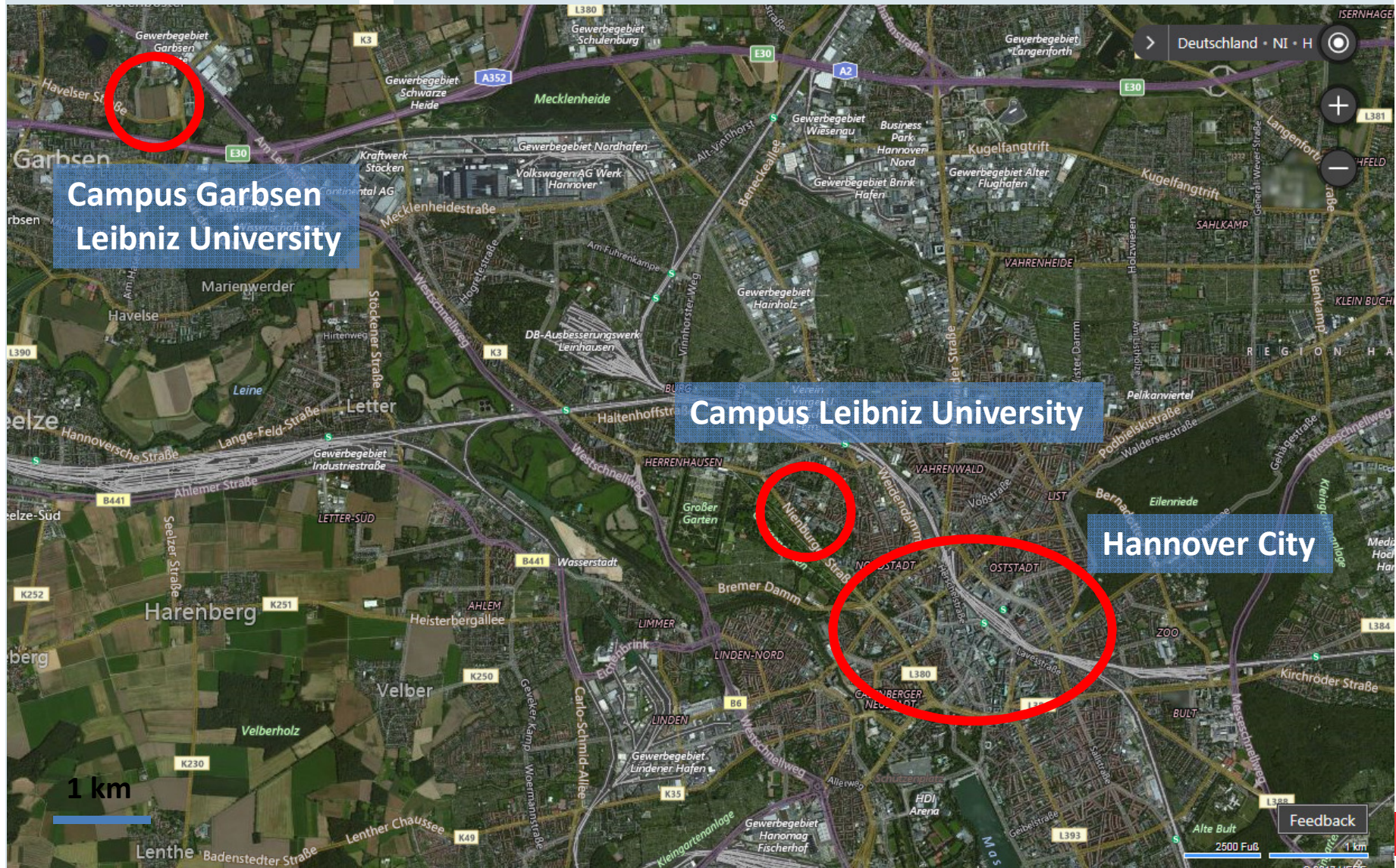
City of Garbsen

- local authority

RegioBus

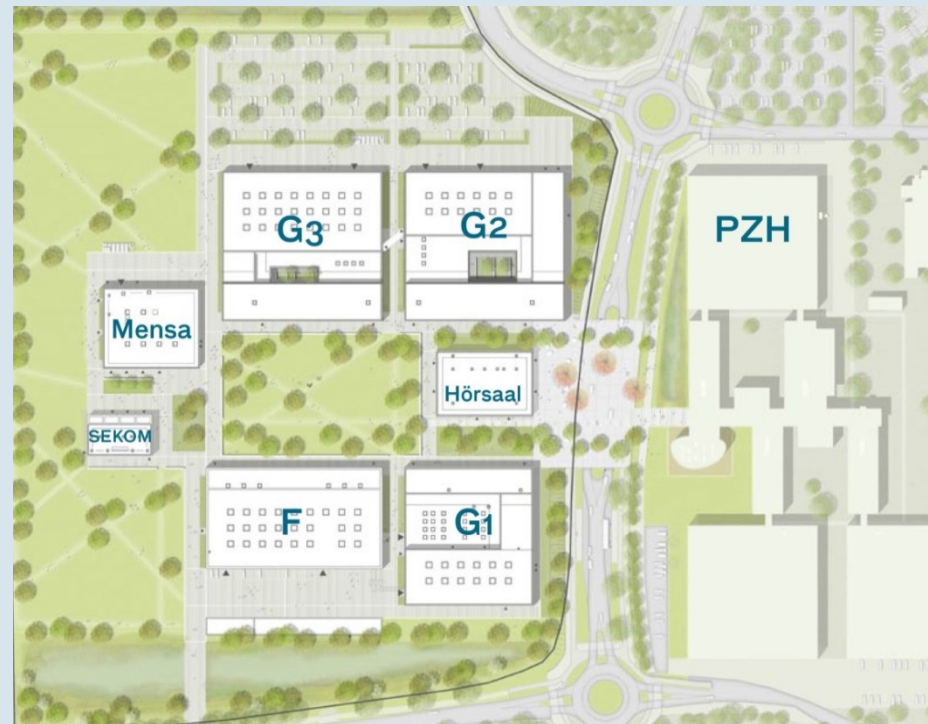
- Bus operator

New Leibniz University Campus Garbsen



New Leibniz University Campus Garbsen

- under construction: Opening 2019





New Leibniz University Campus Garbsen

The challenge

- 5300 Students and employee coming in the morning peak
- system of standard bus-scale required
- bus on demand in weak time



Way of the Bus-Shuttle





Challenge for the traffic management centre

**Autonomous traffic management
a new challenge:**

How do the working places change concerning...

- managing in future mixed traffic (autonomous and traditional)
- control of bus shuttle
- security control
- emergency system
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