

## DAAD GSSP 2020

### Project 6

#### Park and Shared Ride

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Traffic overload in inner-city areas can be tackled by regulating the inflow into the cities. Many cities provide special lanes for vehicles with more than one passenger or even forbid the entry for single-riders. In this project the concept of park-and-ridesharing shall be elaborated: drivers can team up with other drivers to only use one shared car. This will be incentivized by traffic management in different ways, e.g. free city entry or lower prices for parking. The project optimizes the joint use of vehicles based on the given regulations. The project also will evaluate the necessary incentives and regulations to convince people to use this modality.

*The prerequisite for working on the project is an in-depth knowledge of geoinformatics, cartography and visualisation. In addition, programming skills are required.*

