Design of Sustainable Infrastructure & Urban Transformation

Why Sustainable Infrastructure & Urban Transformation?
This course is a part of TRACKS Chalmers’ educational initiative within sustainable transport. Today cities depend extremely on infrastructure also seen as mature technological systems. Highways, roads, terminal stations figure among the icons of contemporary urbanism. Transportation areas are considered to be essential for the city’s functions but correspond to many complex challenges linked to design, maintenance and operation (e.g. pollution, use of resources, technologies, mobility & space). Due to its inherent complexity, a transformation of cities and their infrastructure require interdisciplinary approach. The important question remains how transformation of cities today can be sustained by infrastructure and vice versa?

Course Framework
This is an interdisciplinary platform for an exchange of experience and know-how in learning disciplines linked to sustainable transport, design of infrastructure and urban transformation in contemporary cities (see: Thematic framework) using problem-based and challenge-driven approach at a specific side.

APPLICATION
Due to limited number of places for practical reasons students are asked to send a Motivation Letter - max. 1 page A4 to annakac@chalmers.se

DEADLINE
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