

## Large-Scale Hyperloop Research Infrastructure Location Selection Process: Characterization of Existing Location Selection Processes

Developing Large Scale Hyperloop Research Infrastructures in European Research Program

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Modules: Wahlpflichtfach (Emden), Bachelor /Master thesis

Major/Field: Economics, Technical Mgmt., Logistics

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Submission Deadline: September / October 2022

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Execution: Time and place by arrangement, group work possible, English language

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### Short description:

Hyperloop is a guided transport system in which so-called pods are designed to transport people and goods at the speed of sound in a partially evacuated tube. Within the framework of the “Hyperloop Development Program” a European research initiative, individual technologies, economics and use cases of this system are being investigated.

This project deals with the location selection process for a new Large-Scale Hyperloop Research Infrastructure for certification for Hyperloop as a new mode of transport. Literature research and interviews will provide the necessary information for an analysis of existing location selection processes. Furthermore, Criteria are compiled and institutions for a stakeholder analysis are proposed.

### Goal:

- Analysis of existing location selection processes
  - Location selection process from ESFRI roadmap and technical infrastructures
  - Focus on European projects, budgets, criteria and governance structure
- Compile a list of criteria
  - Impact on employment, evaluation criteria, realization timeframe, available know-how, certification processes...
- Propose involved institutions for a stakeholder analysis including industry, academia and policy makers

Please reach out and visit [www.iht-emden.de](http://www.iht-emden.de) for more information. We are happy to supply you with more detailed information of the research program



Image: Riscap Project Helsinki.fi