

Large-Scale Hyperloop Research Infrastructure Location Selection Process: Methodology, Objectives and Scope of a 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: Technical Mgmt., Economics, Logistics

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

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. A scope, methodology and objectives are formulated for a location selection process with the consideration of technological requirements and requirements from the research ecosystem and relevant stakeholders.

Goal:

- Research and compile requirements and objectives for a Hyperloop Research Infrastructure
 - Political, strategic, financial, industrial,
 - Include the prerequisite for an open research framework
 - Focus on Technologies
 - Perform a stakeholder analysis
- Formulation of scope, methodology and objectives for a Hyperloop Research Infrastructure

Please reach out and visit www.iht-emden.de for more information. We are happy to supply you with more detailed information of the research program.

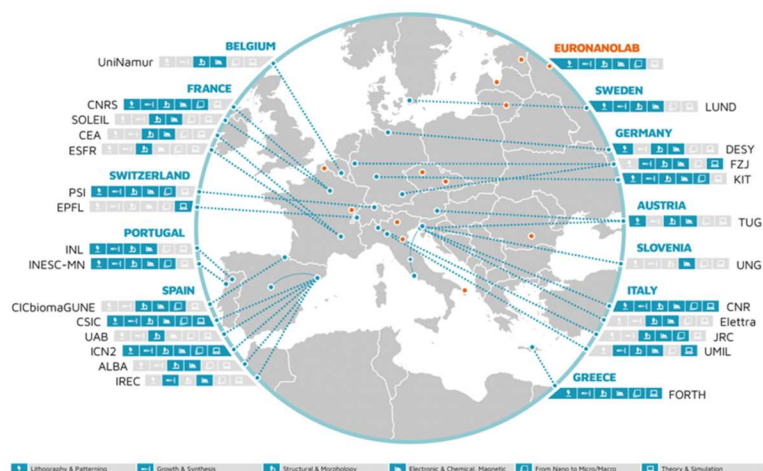


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