

The Nordic Engineering Hub (NordEnHub)

Keeping the Nordic region
in the technological forefront



The Nordic
Engineering Hub

A consortium with five technical universities, the association of professional engineers and the network of the rectors and deans of 30 technical universities in the Nordic and Baltic countries have joined forces to co-create new knowledge on engineering education that will enable Nordic engineers to become game changers in solving global challenges.

Vision

To be the point of reference, which delivers facts on science, technology, engineering and mathematics (STEM) education that contributes to a sustainable societal development in the Nordic region.

Goal

The overarching goal is to create a platform for knowhow sharing, a nexus for generating and disseminating new ideas on STEM education.

Timeline

Phase 1: September 2018 – September 2021

Project phase financed by the Nordic Council of Ministers, the Erasmus+ Strategic Partnership programme, Nordplus and additional funding from the five universities.

Phase 2: Post September 2021

The Nordic Engineering Hub has positioned itself as a reliable and self-financing focal point with a larger network of stakeholders.



Objectives

- 1. Stimulate development in engineering education**
Based on the outcomes of comparative research of various educational practices, to propose solutions to close the existing gaps and to modernise the entire education chain from school level to higher education, including continuous education.
- 2. Become an expert voice to policymakers**
With reference to the results of the conducted research, to provide advice and form recommendations for policy interventions and support.
- 3. Establish a stakeholders' network**
Through the creation of inter-sectorial networks as discussion- and anchoring-base for participants from engineering institutions, academia, business and public sector.
- 4. Raise awareness and attractiveness of STEM education throughout the whole education chain**
By establishing a database that aims at describing and comparing the educational environments in the Nordic countries. By identifying best practices in raising interest for STEM among the young generation and providing visibility to these practices through targeted communication events.
- 5. Create a place for project initiation**
By means of facilitating research, innovation and development applications for STEM education, as well as initiating new collaborative activities for practitioners in schools, colleges and universities.



Consortium

KTH Royal Institute of Technology (Sweden), Aalto University (Finland), Reykjavik University (Iceland), Aalborg University (Denmark), University of Stavanger (Norway) together with the Network of the Rectors and Deans of Technical universities in the Nordic and Baltic countries (Nordtek) and the Association of Nordic Engineers (ANE).



The Nordic
Engineering Hub

YESYES.DK

Contact

Dr. Lena Gumaelius, Associate Professor
Department of Learning in Engineering Sciences
KTH Royal Institute of Technology
Osquars backe 31, 100 44 Stockholm, Sweden
+46 8 790 97 65
+46 706 222 33 1
lenagu@kth.se

Website: nordenhub.org



Co-funded by the
Erasmus+ Programme
of the European Union



Aalto University



HÁSKÓLINN Í REYKJAVÍK
REYKJAVÍK UNIVERSITY



AALBORG UNIVERSITY
DENMARK

N O R D T E K



University
of Stavanger



association of
nordic engineers