Project work packages

Engineering Education in the future (led by KTH)

The objective is to compare engineering education practices and stakeholders' ideas of future engineering education. The main findings will be presented in a report that identifies which skills are viewed upon as important and how the perception of engineering education differs across Nordic countries. The study will also provide an overview of similarities and differences in comparison with current curricula and identify variations within the Nordic engineering education landscape.

Attractiveness of STEM education (led by Aalto University)

The work focuses on identifying factors, which are crucial for: 1) increasing the performance and interest in STEM education to meet the competence demands of Industry 4.0; 2) increasing the number of applicants in STEM, including the safeguard of a gender balance; 3) increasing collaboration between university, comprehensive and upper secondary level education.

Higher Education Institutions role in continuous education (led by Aalborg University)

The priority is to conduct a comparative study to map strategies and current practices in continuing education in order to identify trends in crovss-collaboration and knowledge flow between Nordic universities, industries and professional engineers. Policy recommendations for continuous education strategies will be developed based on the knowledge gathered through the study.

Knowledge co-creation (led by KTH, NORDTEK and ANE)

The main task is to ensure the coordination among the partners and to ensure effective project management implementation. The focus is also on disseminating results, organising targeted communication activities and providing support to other work packages.