TOGETHER – CREATING & SHARING KNOWLEDGE

STRATEGY 2023-2025
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CORE VALUE
Together – creating & sharing knowledge

VISION
A world where decision-makers #ListenToEngineers

MISSION
Promoting the role of engineers & STEM professionals in the transition towards a sustainable society

OBJECTIVES
• Serving the interests of Nordic Engineers through cross-organisational cooperation
• Advocating and working for the responsible development and use of technology to improve the well-being of people and the progress of sustainable societies
• Safeguarding and improving working conditions and lifelong learning opportunities for engineers & STEM professionals
• Contributing engineering know-how to policy and decision-making processes at the Nordic and the EU level
• Promoting equality and working towards attracting young people to STEM educations
CORE ACTIONS

COOPERATION

KNOWLEDGE SHARING

CO-CREATION

ADVOCACY
The Association of Nordic Engineers serves as a platform for its affiliates to generate ideas and share know-how. We do this through creating spaces and exploring venues for co-creation, conducting research, networking, and by using our strengths in partnership.

Together we strive to make the engineers’ role and responsibility in society more visible. We coordinate our positions and speak with one voice across the Nordic region, in international organisations and at the EU level.

Our cooperation focuses on securing sustainable working life for engineers, and on demonstrating the role of engineers impacting the sustainable transition of our societies and in achieving the UN’s Sustainable Development Goals.
The thematic priority areas in the 2023-2025 strategy are the *Just Twin Transition*, *Future Skills & Work-life*, and *Responsible Tech*. These areas are mutually dependent, and most ANE activities will encompass more than one of these priority areas.

All ANE’s activities aim to contribute to a transition to a sustainable society and highlight the importance of engineers acting to achieve the UN Sustainable Development Goals.

Any work that ANE undertakes will always consider the impact on equality, diversity, and sustainability. These values guide the organisation in our everyday work and when planning for future research and policy actions.
The Nordic countries are among the frontrunners in clean energy systems and innovative approaches to society’s digital and green transition. There is a strong focus on the twin transition in the Nordics, which is highly dependent on innovation and skills in private businesses and research institutions. ANE strives to share Nordic engineers’ know-how both in the EU and globally to address climate change challenges. The just twin transition is a solidarity project, helping each other speed up the transition towards a more sustainable way of living and acting.

A successful twin transition requires concerted efforts by all levels of society, and social dialogue is a prerequisite for it to succeed. It requires a mix of policies, long-term provisions, investments, and political will to capitalise on best practices, new and existing technologies, and increased reuse of resources. A key focus will be securing the professional skills needed to support further digitalisation and a transition to societies based on circular economies. This includes an increase in STEM professionals in the labour market and an up- and re-skilling of the existing workforce.
FUTURE SKILLS
& WORK-LIFE

We believe that everyone should have the right to continuing professional development to maintain and acquire skills to remain employable and manage transitions in the future labour market. This is particularly important because of the increasing deficit of ICT and engineering professionals in the Nordic region.

Our objective is to promote lifelong learning opportunities in the Nordics as an investment in nurturing STEM professionals’ potential. Ensuring adequate lifelong learning provisions requires a change of mindset, adjustments in the institutional management process, political and financial support, strategic partnerships, and ensuring that these changes benefit the individual learners.

The provision of lifelong learning opportunities should be expanded to onboard all workers through easily accessible and just schemes for competence development. The complexity of lifelong learning can only be understood and addressed in partnership – ANE is committed to playing a central role in this partnership.
The Nordics are highly digitalised societies, and this is an ongoing process. However, further digitalisation must be based on sustainable digital infrastructure, and engineers and STEM professionals have a crucial role in developing this. The infrastructure affects all parts of society and our democratic understanding, especially in a data-driven and globally connected world.

ANE advocates for an increased focus on distributed responsibility to protect the developers, strong explainability of systems for accountability, and the creation of safe spaces, both at workplaces and at a national level, to discuss and design the distributed responsibility.

Placing ethical responsibility solely on the shoulders of engineers is not acceptable. Engineering solutions are developed within the context of business models and are dependent on regulatory and governance frameworks, and ethical responsibility should be distributed between stakeholders.
OUR CORE ACTIVITIES

Knowledge building and networking at the Nordic level with the aim to:
- promote know-how which lies within Nordic Engineering,
- support cooperation on joint projects and research,
- influence policy making and strengthen ties with relevant Nordic stakeholders and politicians.

Advocacy and partnerships at the EU level to:
- influence EU decision-making in relevant policy areas and build a robust knowledge of the engineers’ role,
- strengthen the cooperation and create synergies with existing partners at the EU level,
- coordinate positions and promote interests in a joint and structured way – speaking with one Nordic voice.

Visibility and communication to:
- conduct awareness-raising outreach events,
- inform on, promote and disseminate results.
ANE was established in May 2007 as a binding cooperation between the founding organisations: The Swedish Association of Graduate Engineers (Sveriges Ingenjörer), The Danish Society of Engineers (IDA) and The Norwegian Society of Engineers and Technologists (NITO).

The Association of Chartered Engineers in Iceland (VFÍ) joined ANE in January 2018, and in 2020 Engineers Finland joined, representing the Finnish organisations: Academic Engineers and Architects in Finland (TEK), Technical Association in Finland (TFiF), Union of Professional Engineers in Finland (ILRY) and Engineers in Finland (DIIF).

Across the Nordics, ANE now represents and works on behalf of more than 500,000 engineers and STEM professionals.

The ANE secretariat resides in Copenhagen under the auspices of the Danish Society of Engineers.
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