

Student Exchange



UiA Faculty of Engineering
and Science

WELCOME TO UiA

Faculty of Engineering and Science



At UiA, Students Come First

At UiA, Norway's top university for mechatronics, artificial intelligence, academic esports, and battery technology, we take pride in our unwavering commitment to putting students first. The faculty of engineering and science invites you to campus Grimstad, a vibrant technology hub, located in Southern Norway. With state-of-the-art facilities, groundbreaking academic programmes, and strong ties to Norwegian and international industry partners, UiA paves the way for a promising future, empowering you to collaborate with the leaders of tomorrow – and become one yourself.

UiA's faculty of engineering and science has a total of 2,500 students across its two campuses in Kristiansand and Grimstad.



ARENDAL KOMMUNE

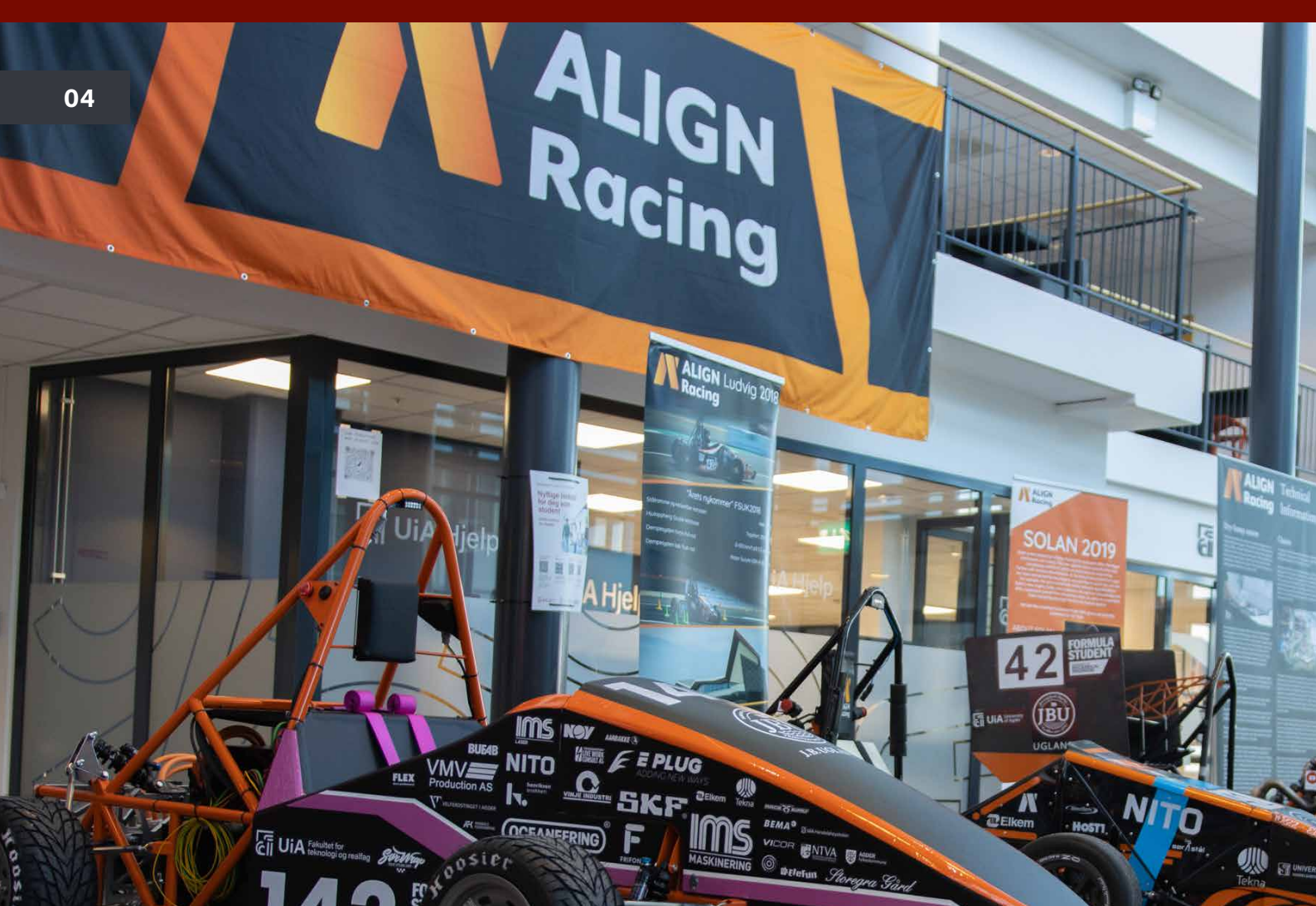
Municipal engineering and geodata

www.arendal.kommune.no

Developing technology for a better future
– We contribute to the green shift

IFE Institutt for
energiteknikk

www.ife.no





«My love for engineering sparked when I found mechatronics at UiA, a study program that combines my passion for technology with the excitement of motorsports. The chance to work with Align Racing Formula Student One team on designing and building race cars became an irresistible magnet.»

- Sander Søreide

Sander holds a BSc in mechatronics, currently enrolled in our MSc programme industrial engineering and technology management



Study Programmes

Shaping the Future of **AI EDUCATION**

Gain a decisive edge in the competitive market place with UiA's AI and IoT master's programme. Choose from two specialized tracks: AI (artificial intelligence) or IoT (internet of things) and immerse yourself in the frontiers of these transformative technologies. Our lecturers and mentors will provide you with personalized support throughout your studies, ensuring you gain a comprehensive understanding of AI and IoT concepts. Collaborate closely with our world-renowned researchers and delve into cutting edge areas such as computer vision, data science, decision support, mobile and wireless communication, data networks, 5G, and edge computing.

Flexible Learning Options to Suit Your Needs

Tailor your studies to your lifestyle with our flexible full-time (two years) or part-time (four years) options. Pursue hands-on experience through internships and research projects with industry partners, gaining practical insights and preparing you for a successful career. Armed with a master's degree from our internationally recognized programme, you'll be well-positioned to secure exciting job opportunities in the global labor market. Become a leader in development, innovation, and professional leadership, shaping the future of AI and IoT.



*All MSc
courses taught
in English*



Development engine for Agder

SINPRO is aiming to be the region's hub for innovation. We will help our members lead the way and experience solid growth. We will stimulate close cooperation between small and large companies, knowledge institutions and other participants

Hollendergata 3, 4514 Mandal // Tlf. 948 60 992 // atle@sinpro.no





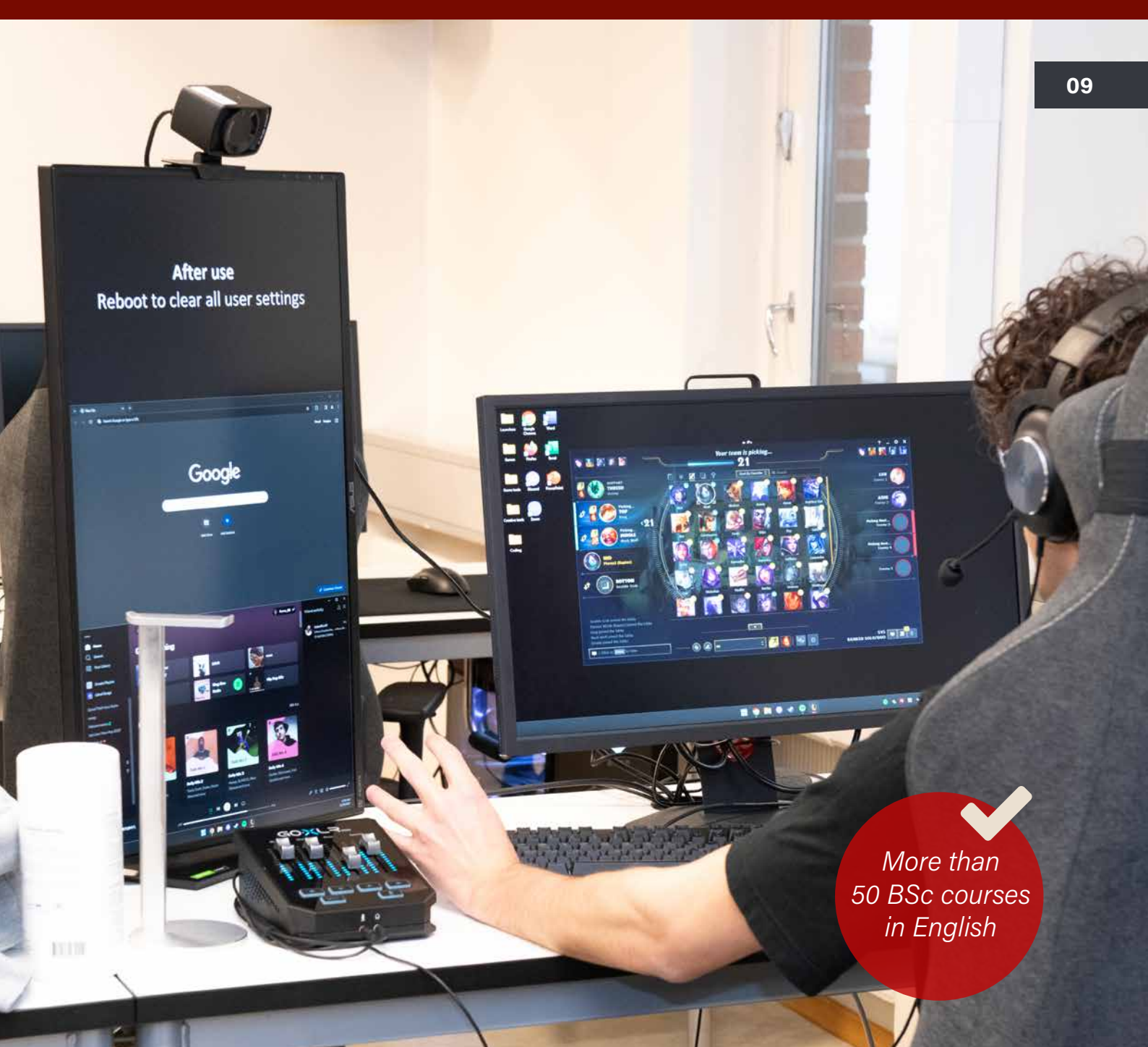
Study Programmes

Academic **eSPORTS**

Pioneering Esports Education

The University of Agder (UIA) stands at the forefront of esports education, offering Europe's first and only comprehensive bachelor's programme in academic esports. With a master's programme set to launch in 2025, our academic esports programme is nurturing the next generation of innovators and workers with skills and competencies designed for the 21st century.

The programme emphasizes the development of transferable skills through games and esports, equipping students with competencies that seamlessly translate into the corporate and public service sectors. Its international nature fosters a diverse learning environment, where students interact with peers from around the globe while gaining insights from industry experts.



More than
50 BSc courses
in English

Delivering value-added
solutions for complex
manufacturing

Your ambition.
Our passion.

Kitron is a leading Scandinavian Electronics Manufacturing Services (EMS) company, delivering improved flexibility, cost efficiency, and innovation power through the value chain.

 **Kitron**
kitron.com



Study Programmes

Advancing Battery Technology for a **Sustainable Future**

The UiA Battery Coast research center offers comprehensive BSc, MSc, and PhD, preparing students for impactful careers in the battery industry. Located next door to a battery start-up company, our advanced laboratories are dedicated to pushing the boundaries of next-generation battery technology. Our center is a unique hub that brings together researchers, industry partners, and students to collaboratively develop new, eco-friendly battery technologies. This close relationship with industry

partners allows us to offer a one-of-a-kind battery education programme, where the students learn about battery technology both from an academic and an industrial point of view. It also facilitates potential collaborations for students interested in doing industry-relevant projects. By focusing on efficiency, longevity, and sustainable materials, we are laying the groundwork for a greener future. Battery technology is a track within the framework of UiA's BSc and MSc programmes.



MORROW
Join the Energy
transition → Imagine
tomorrow powered
by us.

Study programmes

Department of Information and Communication Technology:

- Academic esports, BSc 3 yrs.
- Artificial intelligence, MSc 5 yrs.
- Artificial intelligence and internet of things, MSc, 2 yrs.
- Cybersecurity engineering, MSc, 2 yrs.
- Computer science, BSc, 3 yrs.
- Electronics and electrical engineering, BSc 3 yrs.
- Multimedia and educational technology, MSc 2 yrs.
- Multimedia technology and design, BSc, 3 yrs.
- Specialisation in information- and communication technologies, PhD, 3 yrs.

Department of Engineering Sciences:

- Civil and structural engineering, BSc/MSc 3/2 yrs.
- Renewable energy, BSc/MSc 3/2 yrs.
- Mechatronics, BSc/MSc 3/2 yrs.
- Specialisation in engineering sciences, PhD, 3yrs.

Department of Mathematical Sciences

- Industrial mathematics BSc 3 yrs.
- Mathematics MSc, 2 yrs.
- Specialisation in mathematical sciences, PhD, 3yrs.

Department of Natural Sciences

- Biomedical laboratory science BSc, 3 yrs.
- Biology BSc 3 yrs.
- Coastal ecology MSc, 2 yrs.
- Specialisation in natural sciences, PhD, 3yrs.

READ EVERYTHING ABOUT OUR STUDY PROGRAMMES HERE:



10 smarte råd for en bedre student-økonomi

1. Sett opp et budsjett
2. Bo billigere
3. Søk stipend og legater
4. Jobb deltid
5. Bruk studentrabatten
6. Del på utgiftene
7. Selg det du ikke bruker og kjøp brukt
8. Husk forsikringene
9. Penger i bakhånd
10. Bruk pengene smart

Klikk på tipsene for å lese mer!



Sparebank 1 SR-Bank er din lokale bank i Grimstad!

Vi heier på lokalt næringsliv og UiA-studenter.
Gode løsninger for din økonomi!

🔗 sr-bank.no

☎ 915 02002



WHY US?

- ✓ **Happy students**
Top 10 best study environment in Norway
- ✓ **Innovative study programmes**
- ✓ **State-of-the-art infrastructure**
- ✓ **Internships**
- ✓ **Guaranteed and affordable on campus housing € 320 – € 400**
- ✓ **More than 50 bachelor courses and all master courses are taught in English**



HMH

Become a Next Generation Industry Expert **With Us**

HMH is a leading global provider of drilling equipment and is developing digital and automation solutions for the energy industry.

In order to keep innovating our future, we welcome the next generation of talents to join us and solve tomorrow's challenges!

Meet our Interns!



Pioneering Mechatronics Education in Norway

The University of Agder (UiA) in Grimstad, Norway, is a trailblazer in mechatronics education. Since launching Norway's first mechatronics programme in 1987, UiA has been at the forefront of this field that combines mechanical, electrical, control and software engineering in a dynamic mix. Our programme, encompassing bachelor's, master's, and doctoral degrees, continuously adapt to the evolving technological landscape,

blending theoretical knowledge with practical industrial application. Our graduates are well prepared for the challenges and opportunities in mechatronics and related sectors. Dive into the world of mechatronics at UiA, you're not just choosing a field of study, you're embracing a multidisciplinary world where engineering boundaries dissolve and innovation thrives.





The only university in Norway that offers a BSc or MSc in mechatronics



We are rooting for all the young and committed technologists!

We are a local technology company in a global market. From our office at the water's edge in Arendal, we work with private 5G networks, AI and maritime innovation for a greener future.

Read more about us at telenormaritime.com

 telenor | maritime

Ignite Your Passion for Coastal Stewardship

Are you drawn to the delicate balance of marine ecosystems and the boundless potential of our coastlines?

Then, embark on a transformative journey in the University of Agder's master's programme in coastal ecology, where you'll delve into the profound impact of human activities on our coastal environments and uncover untapped opportunities for sustainable development. Partner with internationally leading experts from the Norwegian Institute for marine research, the Norwegian Institute for water research (NIVA), the University of Oslo, and industry

leaders, embark on field expeditions, engage in hands-on experiments, and unleash your entrepreneurial spirit to tackle the most pressing marine and maritime challenges. As you immerse yourself in this transformative programme, forge enduring connections with a global network of professionals, gaining invaluable insights and mentorship that will propel your career forward. Unleash your potential, embrace the thrill of discovery, and become a pioneer in coastal research, shaping a sustainable future for our oceans.



✓
Coastal ecology
MSc, 2 yrs.

Application **Procedure**



For studies beginning in August (autumn semester):

1 February - 1 May

For studies beginning in January (spring semester):

1 February - 16 October

Everything you **need to** know
about student exchange here:



**Sparebanken Sør
elsker nørds**





Grimstad

Life off Campus

An Irresistible **Blend**

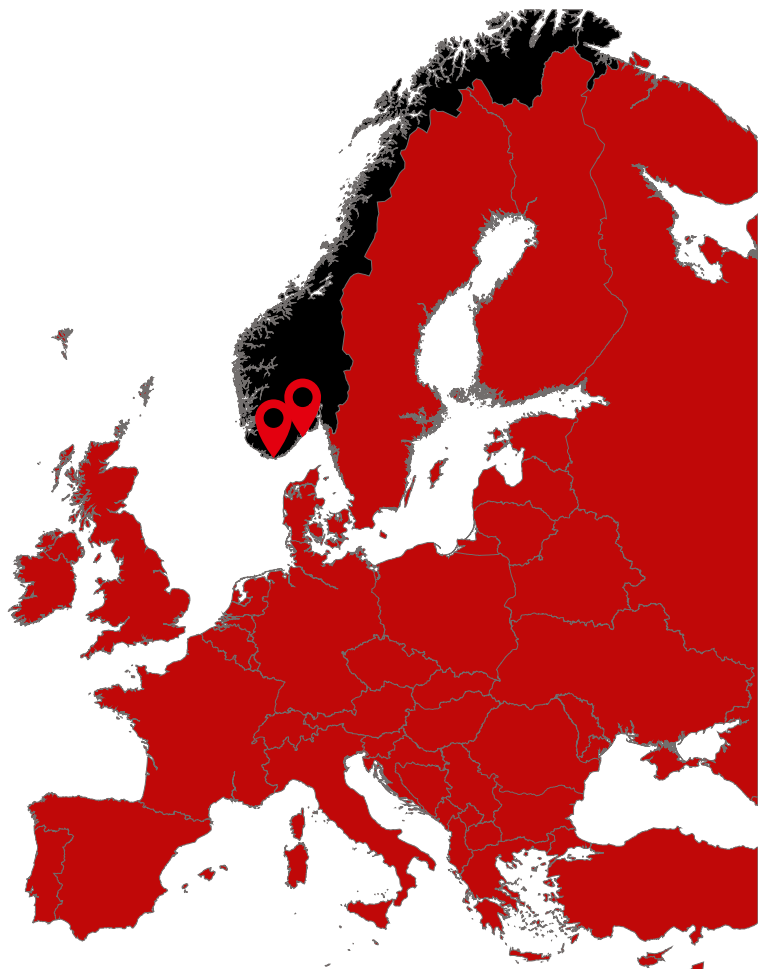
Nestled along Norway's southern coastline, where the Skagerrak Sea converges with the rugged allure of the Scandinavian Peninsula, you'll discover three enchanting cities: Kristiansand, Arendal, and Grimstad. Each boasting a unique character and charm, these cities combine urban vibrancy, cultural richness, and natural beauty. Whether you're an aspiring student of engineering and technology or a traveler yearning for exploration, our coastal cities provide an irresistible mix of opportunities and adventures.



Kristiansand

Arendal, Foto: Mona Hauglid





FIND US **HERE**

www.uia.no/en

**For detailed information about
student exchange, please contact:**

Pål Grandal – pal.grandal@uia.no

Terje Thorsdalen – terje.thorsdalen@uia.no



Do you want to work with Norway`s digital infrastructure?

AT NKOM, you will get an exciting working day in a professionally strong and engaged environment close to an industry in constant development. NKOM shall understand society's needs, promote safe services, competition and innovation, and be the best source in relevant issues. To succeed with our mission for Norway we need knowledge full workers who are committed, professional and future oriented .

Nkom.no/karriere