



Do you have questions regarding the scheme, you are welcome to contact our project leader:

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First job-guarantee scheme

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Background

Southern Denmark and Northern Germany have a strong concentration of electronics companies who not only stand strong on the European, but also on the global market. Analyses conducted by Oxford Research and Rambøll meanwhile concurrently state that these companies will be needing more engineers than they can attract in years to come.

This is why SDU Sønderborg seeks to educate more engineering students. To educate engineers locally is an advantage in that they typically chose to settle in the area and thus can become a future employee for you and your company.



Why is the first job-guarantee scheme necessary?

Companies know the hard competitive conditions of the market mechanisms. So do universities. There is strong competition in being the most wanted education city. In Sønderborg, we not only have to compete with larger Danish cities, such as Aarhus, Aalborg and Copenhagen, but on international terms also with cities ranging from Berlin via Bologna to Boston.

Thus, we need to stand out and offer something the others cannot offer. With a first job-guarantee scheme in hand, SDU will hold a strong trump card.

You are holding this leaflet in your hands because we need to attract more engineering students to SDU Sønderborg. Here, you and your company play a vital role. Offering a first job-guarantee, provides us with strong marketing tool and an exceptionally effective

recruitment tool. Hence, we'd like to ask companies to sign declarations of intent or commitment.

Can tip the balance for international students

Imagine a young Italian in Bologna who is considering his or her educational options. It is a huge decision to say goodbye to mama, pizza, Mediterranean sun and cappuccino and to move 1500 kilometres to Sønderborg – a town that he or she probably hasn't ever heard of. Unemployment in Italy is, however, completely different from the one in Denmark, so maybe the first job-guarantee scheme can be the thing that lets him or her choose SDU Sønderborg. This is what we hope for.

What do companies have to guarantee?

The scheme is valid for the educational engineering programmes in Sønderborg. It is up to you and your company to declare that you want to offer a number of positions for graduated engineers for a minimum duration of six months. It is up to the companies themselves to decide if you'd like to offer a permanent or a temporary position. Salaries and other conditions such as giving notice are subject to the current standards for the newly educated.

The scheme will enter into force for the newly educated MSc engineers in June 2022 and for the BSc engineers in January 2023.

Also demands on the students

The scheme does not only make demands on the companies but also on the students.

As a very important part of the teaching, the students work together in groups or teams. They enter into the so-called PBL-method (Problem-Based Learning) in which they work on a series of different cases or solve tasks in groups with other students.

To ensure the right commitment, the students engage to live up to three indispensable requirements:

- The graduate must have been engaged in a project with or an internship at a company.
- The graduate must have completed his or her education within the prescribed period of study.
- The graduate must have knowledge of the Danish language equivalent to level B1 on the CERF scale.

An initiative for the benefit of all

CEO of Lodam, Henning Højberg Kristensen, is one of the company managers who already signed a declaration of intent for the benefit of the first job-guarantee scheme. About his motivation he says:

Those graduates will be much sought after, and we, too, are going to need some of them so altogether, the first job-guarantee scheme is a really good initiative.

Of course, you think "what if?" and how is the situation going to look like in a few years' time when we have to live up to the first job-guarantee scheme? In this context, we just have to remember that our biggest concern is that there won't be enough new students. At the same time, the three requirements ensure that the scheme is useful in practice.

Help SDU to help you and your company

By signing a declaration of intent or commitment, you help SDU in the efforts of recruiting more and better engineering students. In the end, this means more and better engineers for you and your company.

SDU facilitates that students and companies can meet during the study period in connection with both student jobs, projects, internships as well as matchmaking by arranging Business Lunch, project and trainee days at SDU.



Southern Jutland - the place where clever engineers thrive

Business and industry need technical competences. Together, we must attract engineering students and keep the talented graduates. Competition for being the preferred city of study is hard, and so is the companies' fight about employing talented engineering students.

With the first job-guarantee scheme, the region can offer something that others can't.

Thus, we also need your signature.

Study programmes at SDU Sønderborg

All educations at the Mads Clausen Institute are taught in English. All graduates have basic knowledge within engineering, including mathematics, materials and embedded software.

Bachelor of Science in Engineering, Innovation and Business

To bachelor students in Engineering, Innovation and Business it applies that they can

- head creativity and innovation processes such as idea generation, evaluation, selection and realisation of product and business ideas,
- bridge the gap between engineering competences and business development, due to their knowledge of mathematics, electronics and mechatronics,
- lead projects, develop products and realise business concepts.

Master of Science in Engineering - Electronics

To Master of Science in Engineering students within Electronics it applies that they have

- profound knowledge of the sustainable energy solutions of the future, because they have deep insights in the latest electronic systems, power electronics and embedded systems,
- the ability to develop and design modern products that combine analogous and digital circuits, e.g. drones, cars and industrial robots,
- deep understanding of the interplay between power electronics and embedded systems for the development of modern products and services.

Master of Science in Engineering - Mechatronics

To Master of Science in Engineering students within Mechatronics it applies that they can

- design mechanical constructions and electronic circuits and develop software for intelligent products,
- carry out, participate in and lead the development of mechatronic products such as cars, refrigerators and industrial robots,
- use their expert knowledge within either mechanics, electronics, embedded software or thermal systems to develop the products of the future.