R&D Programme
Industry 4.0

Does your company want to be part of Industry 4.0?

Do you work with energy, agriculture, production or manufacturing?

Does your company have the potential to develop new smart products, services or processes?

Do you know enough about Industry 4.0 technologies?

Would you like to work with the region’s leading knowledge institutions?

If so, this development programme is for you!

www.industry40.au.dk
What is the R&D Programme “Industry 4.0”

The programme is a targeted effort aimed at strengthening growth and innovation power among SMEs in the Central Denmark Region. This will be achieved via increased teamwork between companies and knowledge institutions in specific innovation collaborations.

Aim of the programme

• To increase the number of SMEs in the Central Denmark Region that can exploit the potential in Industry 4.0 to create innovation and commercial growth.
• To strengthen the participating companies’ collaboration with other companies and knowledge institutions based on Industry 4.0 growth technologies.
• To make the participating companies’ products, services and processes smart by using the latest growth technologies.

Who can take part?

All companies with innovation and business potential in for using Industry 4.0 products, services and processes based on the latest growth technologies can take part in the project. To participate, a minimum of three SMEs must work together with a knowledge institution in a specific, joint innovation collaboration lasting between 6–24 months.

What does your company get?

• Help with preparing a specific project (an innovation collaboration), forming a consortium and applying for the programme.
• Access to the necessary knowledge and expertise to develop and validate innovative prototypes of Industry 4.0 products, services and processes.
• Collaboration with knowledge institutions and other companies.
• Support in carrying out a specific innovation collaboration.
• Professional facilitation throughout the entire process.

DKK 10 million is available to carry out 10 innovation collaborations but please note that participating companies do not receive financial support in the programme. Funding is used to cover the work of the knowledge institutions involved.
What does it cost?
As a participant, you only contribute with the time you spend on the project. To take part in the programme, however, you must document the time spent by recording the number of hours and submitting pay calculations.

Who are the other participants?
The programme comprises 10 innovation collaborations altogether, with a minimum of three SMEs and one knowledge institution per collaboration. The participating companies are characterised by the fact that they all have a challenge in realising their Industry 4.0 potential. Any competing companies take part on equal terms in all project activities.

When can you and your company take part?
Now! Applications for the programme are open now and until April 2019.

How does your company get involved in the programme?
Contact DAMRC, the programme facilitator:
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Who is responsible?
The Department of Engineering at Aarhus University is the operator and secretariat for the programme. DAMRC (Danish Advanced Manufacturing Research Center) is facilitator in the programme, and have considerable knowledge of advanced manufacturing technologies. The Programme is funded by the Central Denmark Region and the European Regional Development Fund, with a total budget of DKK 25 million. The programme runs from August 2017 to August 2019.

Partners:
Examples of innovation collaborations:

Example 1:

SME1: Manufacturer
SME1 wants to develop a new smart industrial product.
SME2 supplies an important component for SME1’s product.
SME3 contributes with specific technical specialist knowledge in a defined area.

The knowledge institution provides in-depth professional knowledge on relevant Industry 4.0 technology, prototype development and testing.

SME1: Main developer
SME1 wants to develop the main part of a new smart solution for an existing customer (a large company).
SME2 supplies another part of the solution as subcontractor to SME1.
SME3 provides consultancy knowledge on the use and business development of the overall solution.

The knowledge institution provides in-depth professional knowledge on the technology to integrate individual parts of the solution, including prototype development and technical validation.

The large company wants the new technological solution based on market demand and insight into customer needs.

Example 2:

SME1: Manufacturer
SME1 wants to develop a new smart industrial product.
SME2 supplies an important component for SME1’s product.
SME3 contributes with specific technical specialist knowledge in a defined area.

The knowledge institution provides in-depth professional knowledge on relevant Industry 4.0 technology, prototype development and testing.

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SME3: Consultant
SME3: Technical developer