



# The Danish robotics cluster



*Placing robotics R&D in Denmark is simple and makes perfect sense. The Danish robotics sector offers unique opportunities for global developers of robotics solutions in terms of enhanced product development, testing and field trials - and as an entry point for the entire EU market.*

The Danish robotics industry is user driven and very innovative in terms of the implementation of robot solutions for complex processes. Additionally, Danish users and decision makers in all sectors are very open to new technology, making Denmark a unique location for testing next generation technologies.

## **Why locate your robotics activities in Denmark?**

- The value of the Danish market for robot technology exceeds 200 Mill. USD/Year
- Focus is on the global market by strengthening project-based collaboration
- The strong robotics network consists of suppliers and technology developers

## **The world's best test market**

The fact that Denmark is a small, highly integrated and homogenous society, with consumers who are quick at adapting new technologies also contributes to making Denmark the world's best test market.

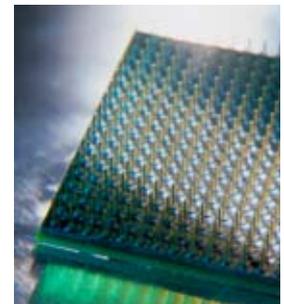
## **EU market access**

A foothold in Denmark means a foothold in the vast interior EU-market with 490 million consumers. Geography and infrastructure makes Denmark the perfect hub for accessing the Nordics and the rest of Europe.

## **One-stop shop certification**

With easy approval procedure and a 'one-stop shop' at the Danish DGM-NB certifying authorities concerning welfare technology, the Danish medical authorities are the fastest in the EU to CE approve medical products.

And more importantly, the Danish medical market is publicly regulated with equal access for all approved players, presenting foreign companies a great chance to access the market.



## Opportunities in several sectors

The Danish robotics cluster brings large and small companies, hospitals, universities, etc. together in a strong Danish robotics sector and cluster. New fields of use for robot technology are constantly explored in Denmark – ranging from robotics for the health care sector, agricultural sector, and industrial sector.

**Health care sector:** The global demand for labour saving solutions in the health care and eldercare sector is growing rapidly, and with it, Danish companies and institutions specialising in robotics solutions.

Danish funding of interregional clusters for welfare technology combined with M.Sc. educations in Robotics and Robo-Medic Engineering offer perfect conditions for robotics R&D and testing.

**Agricultural sector:** Highly automated farming and innovative robot applications has made Denmark a leading nation in the global agricultural sector

Development of agricultural robots in Denmark has a great potential, especially concerning plant nursing organic food production and animal farming – with a great global market potential.

**Industrial sector:** With one of highest robot penetrations in the World, automation of manufacturing processes has been a must for Danish manufacturers for decades.

Danish scientists and industrial developers work intensively at optimising vision and sensor technologies, robot mobility and gentle or flexible gripping in order for robots to handle increasingly complex production tasks.

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### *Other Danish core competencies in robotics:*

- Artificial intelligence
- Programming and managing robots
- Process management
- Sensor technology and integration
- Construction of multi-axed robotic systems
- Grasping technologies
- Edutainment – robots for play and learning
- Flexible production cells

