

AAU

2020 /  
2024

# STRATEGY

**DEPARTMENT OF CHEMISTRY AND BIOSCIENCE**

Aalborg University



**AALBORG UNIVERSITY**  
AALBØRG ESBJERG COPENHAGEN

# INTRODUCTION

## STRATEGY 2020-2024

The strategy of the Department of Chemistry and Bioscience for 2020-2024 sets the direction for collaboration and culture and the core activities research, education, knowledge collaboration.

The strategy ensures that we contribute with new state-of-the-art knowledge and research-based educations that are relevant to research environments and the surrounding society.

The strategy is an independent contribution to Aalborg University's vision and strategy and form an agile framework for management priorities and initiatives.

The strategy is implemented through action plans for the individual focus areas that set the direction and priorities for the period 2020–2024. The action plans are based on the strategy and will be developed in our sections, research areas, councils and committees as well as in the management with annual follow-up.

The Department's strategy has been written by the Department management and section heads, and include inputs and contributions from, among others, the international evaluation of the Department in 2018, the Liaison Committee, the Department Committee and discussions at the Department seminar in 2019.



# MISSION, VISION AND CULTURE

## MISSION

**The Department of Chemistry and Bioscience advances regional, national and global knowledge build-up. We contribute to the solution of societal challenges through state-of-the-art research, problem based education and knowledge based collaboration.**

We produce world-class research within engineering and natural sciences. Our Biotechnology, Biology, Environmental Science, Chemistry and Chemical Engineering based research areas solve essential challenges in society. Through research-based teaching, we educate independent, collaboration-minded, solution-oriented, critical thinking and academic knowledgeable Engineers and Scientists, at the Bachelor, Master and PhD level.

We promote innovation through research-based knowledge collaboration with public and private partners. We strive to adhere to the UN Sustainable Development Goals in all our activities.

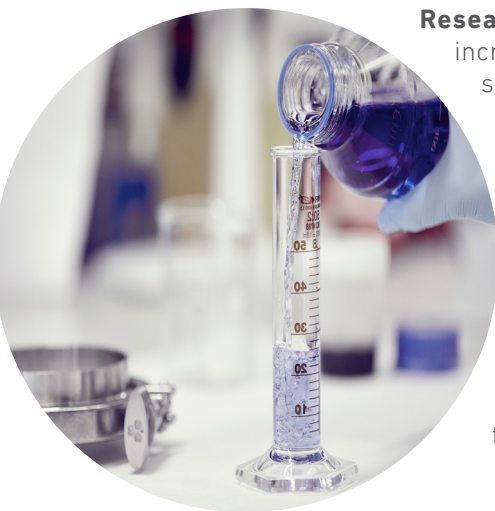


# MISSION, VISION AND CULTURE

## VISION

**The Department of Chemistry and Bioscience creates new knowledge at a competitive international level and is an attractive partner for other leading research environments and key players outside the university.**

**We accomplish this through four focus areas:**



**Research** - We strengthen and increase the impact of our research. Through increased external funding, recruitment and retention of research talents, the conditions for research performance is optimized.

Research results are published with the highest possible impact within all our research areas.

**Education** - We create an exciting, challenging and unique learning environment for our students based on our internationally recognized model for Problem Based Learning (PBL). Through research-based teaching in close contact with active researchers, we educate independent and decisive global citizens, who have the competences required by employers and create value for society.

**Knowledge collaboration** - We are an attractive strategic resource and collaborator for public and private partners through research-based knowledge creation and innovation. We limit the gap between the newest research and its application.

**Organization** - We are an attractive workplace for both current and future employees, with a high level of professionalism and efficiency, a good work environment and consideration for our work life-balance. We have a holistic organizational view that encourage a positive collaboration across scientific and administrative functions to foster the best possible results.

# MISSION, VISION AND CULTURE

## CULTURE

**The Department of Chemistry and Bioscience wish to have a culture of respect and integrity – where we engage in personal and professional development and are proud of our workplace.**

We aim for a collaborative culture based on engagement, team-orientation and knowledge sharing.

A culture, that promotes openness and curiosity towards new initiatives and ideas, and a constructive approach to problem solving.

A culture, with clear lines of communication.





# FOCUS AREAS

## 1. RESEARCH

### Vision for research

We strengthen and increase the impact of our research. Through increased external funding, recruitment and retention of research talents, the conditions for research performance is optimized. Research results are published with the highest possible impact within all our research areas.

**1.1.** Increased impact within all Department research areas

**1.2.** Increased external funding

**1.3.** Development of interdisciplinary positions of strength

**1.4.** Recruitment, development and retention of research talents

**1.5.** Research infrastructure



## 2. EDUCATION

### Vision for education

We create an exciting, challenging and unique learning environment for our students based on our internationally recognized model for Problem Based Learning (PBL).

Through research-based teaching in close contact with active researchers, we educate independent and decisive global citizens, who have the competences required by employers and create value for society.

**2.1.** Unique teaching environment (PBL)

**2.2.** Competent research-based teaching

**2.3.** Global citizens creating value for society

**2.4.** Recruitment and retention

# FOCUS AREAS

## 3. KNOWLEDGE COLLABORATION

### Vision for knowledge collaboration

We are an attractive strategic resource and collaborator for public and private partners through research-based knowledge creation and innovation. We limit the gap between the newest research and its application.

**3.1.** A strategic resource and collaborator

**3.2.** Innovation



## 4. ORGANIZATION

### Vision for the organization

We are an attractive workplace for both current and future employees, with a high level of professionalism and efficiency, a good work environment and consideration for our work life-balance. We have a holistic organizational view that encourage a positive collaboration across scientific and administrative functions to foster the best possible results.

**4.1.** Attractive workplace

**4.2.** Administration

**4.3.** Management

We create

**KNOWLEDGE FOR  
THE WORLD**

Education, research and collaboration

**STRATEGY 2020-2024**



## **CONTACT**

If you have questions or need more information,  
you are welcome to contact us.

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