

Working together for science and society

Facing scientific and societal challenges through:

- ▶ Outstanding multidisciplinary research
- ▶ Innovative joint education
- ▶ Collaborating with society



WORKING WITH SOCIETY

Tackling complex societal challenges requires ongoing collaboration between universities and the public and private sectors. Together with companies, other research institutions, and governments, Leiden University, Delft University of Technology and Erasmus University Rotterdam have created a strong innovation cluster in the province of South Holland, one of Europe's most dynamic and knowledge-intensive regions. Medical Delta, the Clean Tech Delta and the Hague Security Delta are examples of such vibrant collaborations.

By joining forces in studying complex societal themes in a multidisciplinary way,

we contribute to the challenges designated by the Horizon 2020 programme and by the European Institute of Innovation and Technology (EIT). For instance, Medical Delta and our Centre for Sustainability play an important role in the EIT Knowledge and Innovation Communities 'Health' and 'Raw Materials', respectively.

In addition, researchers from the Leiden-Delft-Erasmus Centres act as academic sparring partners for the EU bodies and the specialised European think tanks.

CONTACT

If you are interested in the topics we work on, would like to discuss possibilities of cooperation, please don't hesitate to contact us.

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STRATEGIC ALLIANCE LEIDEN-DELFT-ERASMUS

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LEIDEN UNIVERSITY, DELFT UNIVERSITY OF TECHNOLOGY AND ERASMUS UNIVERSITY ROTTERDAM

For many years, Leiden University, Delft University of Technology and Erasmus University Rotterdam have been collaborating in the fields of education, research and valorisation. The universities are complementary in terms of content and their approach to academic and social problems. Leiden University is a broad-based research university with a significant proportion of fundamental research and an

academic medical centre, Delft University of Technology is a technical university with a broad spectrum of engineering sciences, and Erasmus University Rotterdam a socially-oriented research university with a strong medical cluster and embedded in a broad legal and economic context. All three universities have an excellent international reputation. Their quality, complementarity and physical closeness offer unique opportunities for intensive structural collaboration and thereby contributing to the academic, societal, and economic challenges of our time.

MULTIDISCIPLINARY CENTRES EN MEDICAL DELTA

The Leiden-Delft-Erasmus Centres are multidisciplinary and inter-university centres. Through innovative and outstanding teaching and research, and working together with societal partners they seek to contribute to understanding and solving major and complex societal issues.

The Leiden-Delft-Erasmus Centres are:

- ▶ Education and Learning
- ▶ Frugal Innovation in Africa

- ▶ Global Heritage and Development
- ▶ Metropolis and Mainport
- ▶ Safety and Security
- ▶ Sustainability
- ▶ Economic and Financial Governance

MEDICAL DELTA

Medical Delta is the consortium for health and medical technology. The partners in Medical Delta are the three universities, the Erasmus Medical Centre and the Leiden University Medical Centre, together with more than 150 companies, *science parks*, and local and regional governments.



RESEARCH IN THE FIELDS OF SCIENCE & TECHNOLOGY

Top-level research groups from the three universities work closely together - often as part of a larger partnership - in fields of science and technology such as physics, nanotechnology, nanobiology, quantum technology, biotechnology, mathematics, computer science, and chemistry. Fundamental technological research mutually reinforce each other.

GROUNDBREAKING EDUCATION

Leiden University, Delft University of Technology and Erasmus University Rotterdam provide outstanding, varied and innovative education for their students that will enable them to address present-day and future issues. By working together, the universities broaden their curricula and offer more attractive and more multidisciplinary education. Students can easily meet due to the physical closeness thus making real joint education possible.

The three universities have been working together in joint education programmes and in such tracks as Clinical Technology, Life Science & Technology, Molecular Science & Technology, Nanobiology and Chinese Economy & Business. Furthermore, the universities offer new multidisciplinary minors and honours classes about socially relevant themes. As from September 2015, students have access to each other's broadening minors.

