



ENHANCE@RWTH

at a glance



With the support of the
Erasmus+ Programme
of the European Union

RWTHAACHEN
UNIVERSITY

ENHANCE – European Universities of Technology Alliance

10 ENHANCE Member Universities

 **NTNU** | Norwegian University of Science and Technology


POLITECNICO
MILANO 1863


POLITECHNIKA
GDANSKA


UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

 **TECHNISCHE**
UNIVERSITÄT
BERLIN


CHALMERS
UNIVERSITY OF TECHNOLOGY


POLITECHNIKA
WARSAWA

 **TU Delft**

ETH zürich

Together we are
#ShapingEurope

 **ENHANCE**

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of the European Union

 **RWTHAACHEN**
UNIVERSITY

Technische
Universiteit Delft

RWTH Aachen University

Eidgenössische Technische
Hochschule Zürich

Politecnico di Milano

Universitat Politècnica
de València

Norwegian University of
Science and Technology

CHALMERS
University of Technology

Technische
Universität Berlin

Politechnika
Gdanska

Warsaw University
of Technology

WE UNITE

10
Universities

307 993
Students

61 714
Staff

115
Faculties

What characterizes European university networks?



**Transnational
cooperation**



**Shared vision
& objectives**



**Creation of a European
campus**



Mobility



**Governance
structures**

Vision and Mission



We will drive responsible social transformation by enhancing a strong alliance of European Universities of Technology, empowering people to develop and use science and technology for the benefit of society and turn global challenges into opportunities.

- ENHANCE – the European University of Technology to build the European Education Area
- ENHANCE – creating a University Alliance which empowers people
- ENHANCE – forming a European University of Technology which is an integral part of society

Empowering People for the Benefit of Society

ENHANCE+

WP 7

European Education Pathways

WP 8

New Formats & Frameworks

WP 9

IT Infrastructure & Services

Cluster **One Campus**

WP 3

Future Learning

WP 4

Future Skills

WP 5

Sustainable Entrepreneurship
& Innovation

WP 6

Transdisciplinary Lab for Societal
Transformation

Cluster **Future Knowledge**

WP 1

Project Management &
Governance

WP 2

Human Dimension

WP 10

Diversity, Impact & Dissemination

Cluster **Innovative Organisation**

ENHANCE – Advancing Sustainable Road Transport

Pilot Project Automotive Engineering and Transport

B.Sc. Mechanical Engineering

- Specialisation: Automotive Engineering and Transport

M.Sc. Automotive Engineering and Transport

- Mobility Window M.Sc. Automotive Engineering with Study Abroad
- Students can easily choose 30 ECTS coursework from a partner university

We want to cooperate in similar fields, here in Automotive Engineering

We are looking for modules that will expand our course offerings and provide students with easy access to high-level teaching and research.

Goal: One common course catalogue of ENHANCE universities in the area of Automotive Engineering and Transport, integrated curricula as well as joined research activities

ENHANCE – Advancing Sustainable Road Transport

WP7 – European Education Pathways

Goal: Join forces in defined fields of strength and make them available

Approach: Create integrated pathways in other thematic areas (course bundles + research projects+ collaboration)

Key Features

- Unique offers that impart knowledge not taught at home university, or complement
- Embedded in existing study programs
- Easy student access and choice
- Guaranteed credit and outcome recognition
- Enables cross-institutional collaboration and research

Partner Pathways

Partner Strengths / Thematic Focus Areas

RWTH Aachen – *Automotive Engineering and Transport*

Chalmers – *Fluid Dynamics*

Gdańsk – *Naval Architecture*



*ENHANCE Alliance
LinkedIn*

Grazie • Thank you • Tack • Danke • Gracias • Dziękuję • Bedankt • Takk

Questions?



*RWTH International
Office LinkedIn*