Long-term, sustainable development would be unthinkable without renewable energy sources and efficient use thereof. Europe is world leader in terms of environmental technology and use of renewable energy, and should strive to defend this position. In this quest, the MSc Program can render a valuable contribution by integrating our neighbours in partnership towards joint European action.

Renewable Energy in Central & Eastern Europe

Postgraduate MSc Program
Master of Science (MSc)
4 semesters, part-time

Vienna University of Technology / Energiepark Bruck/Leitha

Energiepark Bruck/Leitha
Fischamender Straße 12
A-2460 Bruck/Leitha
T: +43/(0)2162/68100
F: +43/(0)2162/68100-29
E: office@energiepark.at
www.energiepark.at

Dr. Franz Fischer
President Ecosocial Forum Europe and Ecosocial Forum Austria
Former EU Commissioner

Renewables make sense …
Energize your future!
The interdisciplinary part-time MSc Program is offered by the Vienna University of Technology in cooperation with Energiepark Bruck/Leitha. Contributions will be made by University of Ljubljana, University of Seville, National Technical University of Ukraine – Kyiv Polytechnic Institute, AGH University of Science and Technology (Cracow), and Vienna University of Technology within the scope of these countries as well as excursions. Since the beginning of the course in 1995 and is a center for innovation and motor for developing Scientific Excellence and Enhancing Professional Competence in Central and Eastern Europe. Vienna University of Technology in cooperation with Energiepark Bruck/Leitha partnership make this MSc Program an outstanding opportunity to satisfy market demand and specifically target the growing interest in Rene.

This master program is an outstanding opportunity to become part of an international, enthusiastic and extraordinary group of people, sharing the same interests for such a challenging topic. The experiences of this course enable us to contribute to the common goal of securing the supply of green energy at affordable prices in order to maintain our standards of living and reducing dependence on fossil fuel at the same time.

The interdisciplinary part-time MSc Program is offered by the Vienna University of Technology in cooperation with Energiepark Bruck/Leitha. Contributions will be made by University of Ljubljana, University of Seville, National Technical University of Ukraine – Kyiv Polytechnic Institute, AGH University of Science and Technology (Cracow), and Vienna University of Technology within the scope of these countries as well as excursions. Since the beginning of the course in 1995 and is a center for innovation and motor for Developing Scientific Excellence and Enhancing Professional Competence in Central and Eastern Europe. Vienna University of Technology in cooperation with Energiepark Bruck/Leitha partnership make this MSc Program an outstanding opportunity to satisfy market demand and specifically target the growing interest in Rene.

This master program is an outstanding opportunity to become part of an international, enthusiastic and extraordinary group of people, sharing the same interests for such a challenging topic. The experiences of this course enable us to contribute to the common goal of securing the supply of green energy at affordable prices in order to maintain our standards of living and reducing dependence on fossil fuel at the same time.
The interdisciplinary part-time MSc Program is offered by
the Vienna University of Technology in cooperation
with Energiepark Bruck/Leitha. Contributions will be made
by the University of Technology Vienna (Ljubljana), Energetski
institut Hrvoje Pozar (Zagreb), and National Technical University of
Kyiv at the Kyiv Polytechnic Institute (Kiev). Tailor-made country
courses are offered to gain in-depth knowledge on energy markets in
the CEE. 

The objective of the postgraduate MSc Program “Renewable Energy in Central & Eastern Europe”
is to contribute significantly to this process. 

The interdisciplinary part-time MSc Program is offered by
the Vienna University of Technology in cooperation
with Energiepark Bruck/Leitha. Contributions will be made
by University of Technology Vienna (Ljubljana), Energetski
institut Hrvoje Pozar (Zagreb), and National Technical University of
Kyiv at Kyiv Polytechnic Institute (Kiev). Tailor-made country courses are offered to
achieve significant knowledge on energy markets in CEE. 

The interdisciplinary part-time MSc Program is offered by
the Vienna University of Technology in cooperation
with Energiepark Bruck/Leitha. Contributions will be made
by the University of Technology Vienna (Ljubljana), Energetski
institut Hrvoje Pozar (Zagreb), and National Technical University of
Kyiv at Kyiv Polytechnic Institute (Kiev). Tailor-made country courses are offered to
achieve significant knowledge on energy markets in CEE. 

The interdisciplinary part-time MSc Program is offered by
the Vienna University of Technology in cooperation
with Energiepark Bruck/Leitha. Contributions will be made
by the University of Technology Vienna (Ljubljana), Energetski
institut Hrvoje Pozar (Zagreb), and National Technical University of
Kyiv at Kyiv Polytechnic Institute (Kiev). Tailor-made country courses are offered to
achieve significant knowledge on energy markets in CEE. 

The interdisciplinary part-time MSc Program is offered by
the Vienna University of Technology in cooperation
with Energiepark Bruck/Leitha. Contributions will be made
by the University of Technology Vienna (Ljubljana), Energetski
institut Hrvoje Pozar (Zagreb), and National Technical University of
Kyiv at Kyiv Polytechnic Institute (Kiev). Tailor-made country courses are offered to
achieve significant knowledge on energy markets in CEE. 

The interdisciplinary part-time MSc Program is offered by
the Vienna University of Technology in cooperation
with Energiepark Bruck/Leitha. Contributions will be made
by the University of Technology Vienna (Ljubljana), Energetski
institut Hrvoje Pozar (Zagreb), and National Technical University of
Kyiv at Kyiv Polytechnic Institute (Kiev). Tailor-made country courses are offered to
achieve significant knowledge on energy markets in CEE.
The interdisciplinary part-time MSc Program is offered by the Vienna University of Technology in cooperation with Energiparks Bruckmitsch. Contributions will be made by the University of Leuven (Belgium), Czech Technical University (Prague), AgH-University of Science and Technology (Krakow), ApE - Agencija za prestrukturiranje energetike (Sarajevo), the National Technical University of Ukraine – Kyiv Polytechnic Institute (Kiev), Tallinn University of Applied Sciences (Tallinn), and the Technical University of Graz (Austria). Tailor-made country modules are offered to gain in-depth knowledge on energy markets in CEE.

The Vienna University of Technology – located in the heart of Austria, a country known for innovation, and a motor for technological progress, is a center for innovation and motor for technological progress. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning in the field of energy carriers and resources in sufficient quantities and security in availability of resources. Dependability of supply, environmental and climate protection are not the illusion of a few but an absolute necessity for our future. The Vienna University of Technology is a center for innovation and a motor for technological progress. Research, teaching, and learning reach back nearly 200 years. The Vienna University of Technology – located in the heart of Austria, a country known for innovation, and a motor for technological progress, is a center for innovation and motor for technological progress. Research, teaching, and learning reach back nearly 200 years. The Vienna University of Technology – located in the heart of Austria, a country known for innovation, and a motor for technological progress, is a center for innovation and motor for technological progress. Research, teaching, and learning reach back nearly 200 years. The Vienna University of Technology – located in the heart of Austria, a country known for innovation, and a motor for technological progress, is a center for innovation and motor for technological progress. Research, teaching, and learning reach back nearly 200 years. The Vienna University of Technology – located in the heart of Austria, a country known for innovation, and a motor for technological progress, is a center for innovation and motor for technological progress. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning reach back nearly 200 years. Research, teaching, and learning reach back nearly 200 years.

The postgraduate MSc Program “Renewable Energy in Central & Eastern Europe” is an innovative and unique program developed by the Vienna University of Technology in cooperation with Energiparks Bruckmitsch. The program is designed to address the growing demand for professionals who can contribute to the development of renewable energy systems in Central and Eastern Europe. Participants will gain in-depth knowledge on energy markets in Central and Eastern Europe.

PROGRAM OBJECTIVES/GOALS

With the MSc Program the participants acquire knowledge and competence for:

- planning with regard to the use of renewable energy
- economic and technically expedient operating plants for the use of renewable energy
- assessing technical and economic opportunities to use renewable energy

TARGET GROUP

Individuals within companies, organizations, and authorities who are involved in planning, assessing or evaluation of renewable energy projects or who are involved in financing, promotion, legal wording or facilities for the use of renewable energy or environmental issues.

ADMISSION REQUIREMENTS

Admission requirements are a Baccalaureate degree, Magister’s degree, or a diploma or equivalent in a relevant area of specialty and a minimum of 2 years of professional achievement of the final degree. Candidates with equivalent educational qualifications may also be admitted.

FINANCIAL SUPPORT

The MSc Program is exceptional because of its unique opportunities for students in terms of financial support. Students are required to cover the costs of tuition, travel, accommodation, and living expenses. However, partial financial support may be available for exceptional cases.

FINAL DEGREE

The MSc Program is completed by writing a Master’s Thesis. Achievement of the final degree “Master of Science (MSc)” granted by the Vienna University of Technology.

ACCREDITATION

Accredited by the Accreditation Agency for Study Programs in Engineering, Informatics, Natural Sciences and Mathematics.

LANGUAGE OF INSTRUCTION

English

DURATION

The part-time program is presented in modules and takes four semesters.

COUNTRY MODULES

To provide the participants with in-depth knowledge on energy markets in CEE, tailor-made country modules are an essential part of the MSc Program. Within the scope of these country modules participants may opt currently for Bulgaria, Croatia, Czech Republic, Hungary, Poland, Romania, Slovenia, Slovakia, and Ukraine. The schedule will include lectures in these countries as well as excursions.

FACULTY

Individuals within companies, organizations, and authorities who are involved in planning, financing, promoting or operating facilities for the use of renewable energy or who are involved in environmental issues with regard to renewable energy will be members of the faculty. Staff members of companies and organizations, government agents and stakeholders, legal experts, bankers, and economists.

COURSE OVERVIEW

The program is structured into modules, each focusing on a specific area of renewable energy. Participants will gain in-depth knowledge on energy markets in Central and Eastern Europe.

MODULE 11: Introduction to Renewable Energy

Participants will gain an understanding of the fundamentals of renewable energy technologies, including solar, wind, photovoltaics, and biomass.

MODULE 12: Biomass, Biofuels & Biogas

Participants will learn about the production, processing, and utilization of biomass, biofuels, and biogas.


Participants will gain knowledge about solar thermal and solar photovoltaic systems and their applications.

MODULE 14: Wind Energy, Wind Power & Small Hydro Power

Participants will learn about wind energy, wind power, and small hydro power technologies.

MODULE 15: Efficient Energy Use & Thermal Building Optimization

Participants will gain knowledge about efficient energy use and thermal building optimization.

MODULE 16: General Legal & Economic Knowledge

Participants will learn about the legal and economic aspects of renewable energy projects.

MODULE 17: Integration of Renewable Energy Sources into the Energy System

Participants will gain knowledge about the integration of renewable energy sources into the energy system.

MODULE 18: Management & Soft Skills

Participants will learn about management and soft skills relevant to the renewable energy sector.

MODULE 19: Perspectives on the Use of Renewable Energy

Participants will gain knowledge about the perspectives on the use of renewable energy.

MODULE 20: Master’s Thesis

Participants will work on a Master’s Thesis relating to the student’s occupational activity and the renewable energy sector.
Long-term, sustainable development would be unthinkable without renewable energy sources and efficient use thereof. Europe is world leader in terms of environmental technology and use of renewable energy, and should strive to defend this position. In this quest, the MSc Program can render a valuable contribution by integrating our neighbours in partnership towards joint European action.
MSc Program

Renewable Energy in Central & Eastern Europe
Vienna University of Technology | Energiepark Bruck/Leitha
Class 2014–2016

PROGRAM START
October 23, 2014

DURATION AND TIME SCHEDULE
The part-time program is presented in modules and takes four semesters.

<table>
<thead>
<tr>
<th>1st SEMESTER</th>
<th>2nd SEMESTER</th>
<th>3rd SEMESTER</th>
<th>4th SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sat Jan 17, 2015</td>
<td>Fri Jun 19, 2015</td>
<td>Sat Jan 16, 2016</td>
<td></td>
</tr>
<tr>
<td>Sun Jan 18, 2015</td>
<td>Sat Jun 20, 2015</td>
<td>Sun Jan 17, 2016</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sun Jun 21, 2015</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Subject to modification

LOCATIONS
The MSc Program is held on several locations in different countries: Vienna, Bruck/Leitha and at the sites of the country modules: Bratislava (Slovakia), Bucharest (Romania), Istanbul (Turkey), Kiev (Ukraine), Krakow (Poland), Ljubljana (Slovenia), Mosonmagyarovar (Hungary), Prague (Czech Republic), Varna (Bulgaria) and Zagreb (Croatia).

Renewables make sense …
Energize your future!
TUITION FEE
The tuition fee for the MSc Program is **EUR 19,500** (excluding travel expenses and cost of room and board).

INFO SESSIONS
Presentations of the MSc Program will be held in the form of info sessions. During these info sessions the Academic Director, program managers and alumni provide you with in-depth information on the program and look forward to answering your questions.

Mon Mar 17, 2014  6.00 pm
Tue May 27, 2014  6.00 pm

Please register at newenergy@tuwien.ac.at

ADMISSION/APPLICATION
Application Deadline
Fri Jun 27, 2014

Admission Interviews
Tue May 06, 2014
Tue Jul 01, 2014
Wed Jul 02, 2014

Applicants are kindly requested to block these dates on their calendars for their individual interview (approximately 30 minutes).

Download of the application form is available on our website.

Please submit your application to
Vienna University of Technology
Continuing Education Center
Operngasse 11/017
A-1040 Vienna

FACULTY
Dr. Amelia Ajanovic  Vienna University of Technology
Dr. Hans Auer  Vienna University of Technology
Univ.Prof.Dr. Günter Blöschl  Vienna University of Technology
Univ.Prof.Dr. Anton Burger  Catholic University Eichstätt-Ingolstadt
MR Dr. Gerhard Burian  Federal Ministry of Economics and Labour
Dipl.-Ing. Hubert Fechner  MAS, MSc FH Technikum Wien
Univ.Prof.Dr. Anton Friedl  Vienna University of Technology
Univ.Prof.Dr. Wolfgang Gawlik  Vienna University of Technology
Prof.Dr. Adam Gula  AGH University of Science and Technology Krakow
Univ.Prof.Dr. Reinhard Haas  Vienna University of Technology
Dr. Martina Handler  Austrian Society for Environment & Technology
Ass.Prof.Dr. Michael Harasek  Vienna University of Technology
Mag. Edith Hofer  L.M. Energy-Control GmbH
Dipl.-Ing. Marcus Hummel  Vienna University of Technology
Doc.Ing. Jaroslav Knapek  Czech Technical University Prague
Dr. Marek Kobialka  Vienna Insurance Group
Dr. Lukas Kranzl  Vienna University of Technology
Dr. Hermann Krauß  Dr. Krauß ZT GmbH
Dipl.-Ing. Martin Krill  Profes - Professional Energy Services GmbH
Dipl.-Ing. Thomas Lewis  energyatank consulting gmbh
Mag. Robert Maier  Raffeisbank Niederösterreich Wien AG
Dr. Gábor Milics  MSc University of West Hungary
Univ.Prof.Dr. Martin Mittelbach  Graz University of Technology
Univ.Prof.Dr. Nebojsa Nakicenovic  Vienna University of Technology
Franko Nemac  BSc, El.Eng. Agencija za prestrukturiranje energetike
Univ.Prof.Dr. Miklós Neményi  Ph.D, DSc University of West Hungary
Dr. Mario Ortner  E-Projekte Projektentwicklung und Management GmbH
Ing. Werner Panhauser  Hydroconstruct GmbH
Dr. Christian Panzer  Vienna University of Technology
Univ.Prof.Dr. Bernhard Pelikan  Vienna University of Natural Resources and Applied Life Sciences
Dipl.-Ing. Georg W. Reinberg  Architekturbüro Reinberg ZT GmbH
Dr. Gustav Resch  Vienna University of Technology
Dipl.-Ing. Rusbeh Rezania  Vienna University of Technology
Dr. Friedrich Stastny  Freelancer
Ass.Prof.Dr. Karin Stieldorf  Vienna University of Technology
Mag. Hannes Taubinger  Anton Kittel Mühle Plaika GmbH
Prof.Dr. Pall Valdimarsson  Atlas Copco Gas and Process Division
Geothermal Competence Center
Dipl.-Päd.Ing. Werner Weiss  AEE INTEC
Dipl.-Ing. Lukas Weißensteiner  BP Global Austria
Dr.(ETH) Arthur Wellinger  Triple E&B
Dr. Richard Zweiler  Renewable Energy Network Austria

This represents a selection of the faculty of class 2013–2015.
Long-term, sustainable development would be unthinkable without renewable energy sources and efficient use thereof. Europe is world leader in terms of environmental technology and use of renewable energy, and should strive to defend this position. In this quest, the MSc Program can render a valuable contribution by integrating our neighbours in partnership towards joint European action.