Vocational Training

The main functions of the vocational training center are to invite top European experts in the field of renewable energy to share their knowledge with Chinese professionals, and organize tailored topic training.

- **Training Objectives**
  
  To provide intensive training courses which cater to the special demands of professionals in the field of renewable energy.
  
  To help companies and research institutes in the field of renewable energy to gear up to new technologies and development trends in the context of a constantly changing and complicated market.
  
  To promote exchange and cooperation between EU and China in the context of new technologies and equipment in renewable energy field.

- **Training Contents**
  
  Systematic training courses in renewable energy with a focus in the fields of solar energy, wind energy, biomass energy, geothermal energy, and energy efficiency.

- **Training Methods**
  
  Lecture, onsite practice, seminar and discussion, dedicated training kit and inspection by leading EU and Chinese enterprises and relevant government agencies.

- **Trainees**
  
  Government officials, project investors, corporate managers, technicians, designers, educators, researchers, etc.

Research and Consulting Platform

The Research & Consulting platform helps to facilitate communication between top energy experts in China and in Europe as well as to enhance cooperation in research and consulting in the field of clean and renewable energy.

- **Main Functions**
  
  Organizing international project applications
  
  Offering consulting services for companies and governments
  
  Providing high profile international workshops and forums
  
  PhD exchange between EU and China
  
  Arranging visitng trips for experts

Research fields: solar energy, wind energy, biomass energy, geothermal energy, energy efficiency, and other clean and renewable energies.
Introduction of ICARE

The China-EU Institute for Clean and Renewable Energy (ICARE) is the third institute co-sponsored by the Chinese government and the European Commission, following the China-EU International Business School and China-EU School of Law. Nine key universities and one institution from six countries participate in ICARE:

- Huazhong University of Science and Technology in China (HUST)
- PariTech in France
- The National Technical University of Athens in Greece
- The University of Zaragoza in Spain
- Northumbria University in UK
- The University of Rome in Italy
- The University of Peippigian in France
- Southeast University in China
- The Wuhan University of Technology in China
- International Office for Water in France

3 functions

- China-EU Double degree program
- Activities
- Vocational training
- Research platform

5 subjects

- Solar energy
- Geothermal energy
- Energy efficiency
- Biomass
- wind energy

Objective

The overall objective of ICARE is to enhance the capacity for implementing sustainable energy policies with a primary focus on renewable energy and energy efficiency in order to shape a more sustainable, environmentally friendly, and efficient energy sector.

Double-degree Master Programme

The double master programme is a two-year based programme dedicated to outstanding students who already have a bachelor’s degree in engineering or other related disciplines.

The qualified student will be granted the French Master Degree and the Chinese Master Degree.

Characteristics:

- Double master degree
- European and Chinese teachers & tutors
- English language teaching
- Access to internship in China & Europe

Way of cultivation

<table>
<thead>
<tr>
<th>Year</th>
<th>1st Year (MT)</th>
<th>2nd Year (MT)</th>
<th>3rd Year (MT)</th>
<th>4th Year (MT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st semester</td>
<td>General and basic theories</td>
<td>3rd semester</td>
<td>4th semester</td>
<td>5th semester</td>
</tr>
<tr>
<td>Courses</td>
<td>ECTS 30</td>
<td>ECTS 30</td>
<td>ECTS 30</td>
<td>ECTS 30</td>
</tr>
<tr>
<td>ECTS</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
</tr>
</tbody>
</table>

How to apply

- Application for International candidates shall be in accordance with the latest HUST Administrative Rules on the Acceptance of Foreign Students by Colleges and Universities.
- Website: http://ioo.hust.edu.cn/
- Application for form mainland, Hong Kong, Macao, and Taiwan candidates shall be in accordance with the latest HUST Graduate Enrollment Guidelines.
- Website: http://yz.chsi.com.cn