



HOKKAIDO UNIVERSITY

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Sustainable sciences and Corporate social responsibility education at 2iE

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Higher Education and Research
in the fields of

- **Water**
- **Energy**
- **Environment**
- **Civil Engineering**

A vision for Africa

- ☐ Train **in Africa and by Africans** the future leading scientists and business Executives
- ☐ Build an African technological **innovation** capacity
- ☐ Reverse the **brain drain**

An Innovative Governing System

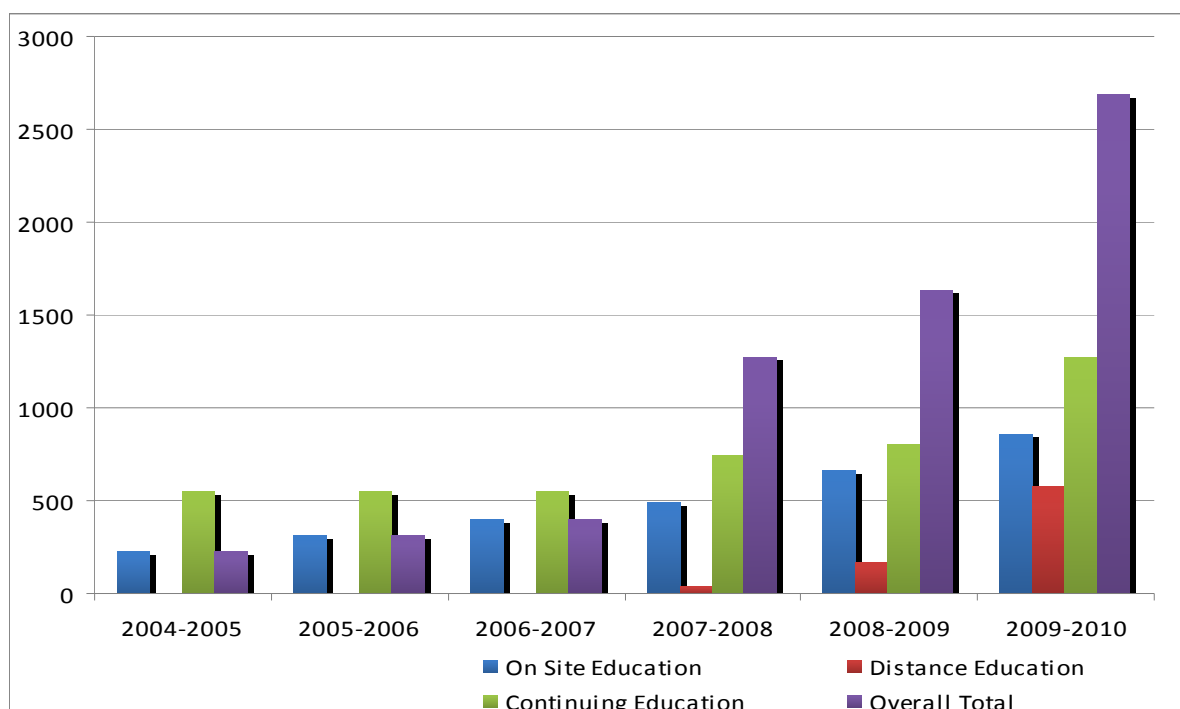
- **An international non profit Association with 4 types of Members:**
 - **African States**
 - **Institutional and Financial Partners**
 - **Scientific and Academic Partners**
 - **Private companies**
- **Can receive government finance**
- **With a Headquarter Agreement in Burkina**

An Internationally Recognized Institute



- Center of Excellency of **WAEMU** (Sept 06), **ECOWAS** (May 08) and **NEPAD** (Jan 09)
- Member of the French Conference des Grandes Ecoles (march 07) and Campus France
- The only African engineering school **accredited in Europe** (EUR-ACE accreditation Jul 09, Commission française des Titres de l'Ingénieur)
- A Centre ARIST (African Renaissance Initiative for Sciences and Technology), 2008
- Objective 2010-2011: Accreditation in the USA

A rapid Increase of students enrolment

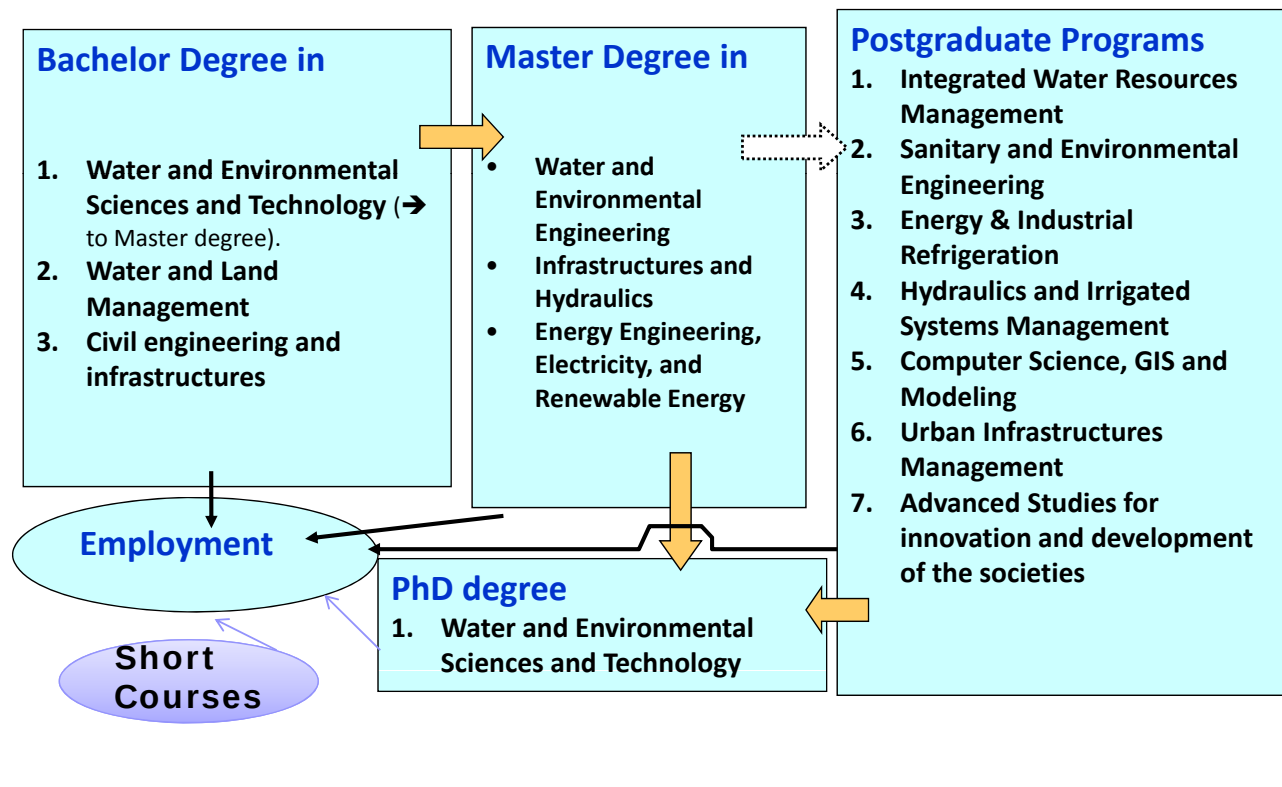


Main Activities

- Higher Education on site: BSc, MSc and PhD
- Higher Education on distance learning: BSc and MSc
- Vocational training: short courses and professional degrees
- Research and Development: Focus on green innovation
- Engineering



Curricula



Sustainability sciences & education at 2iE (1)

- **at 2iE** 32% of the bachelor & Master teaching hours are related to sustainable development and social responsibility in enterprise.
- **At master level** for the environment specialization it concerns :
 - 24h LCA,
 - 24h climate change,
 - 24h CSR
 - 24h social en environmental impact study and audit.
- Large number of master thesis are in relation to SD, more than 90% for the research oriented
- **On going set up a SD certificate through the validation of credit s**

Sustainability sciences & education at 2iE (2)

■ 3 specialized master degree deeply related to SD :

- *Master WASH* water, sanitation and health in emergency programme set up in DC were 57% of the hours are in relation to SD. Under emergency conditions
- Master Sustainable mine management SD sciences deal with the identification, evaluation and minimize social and environmental impacts of mining activities, 53% of the courses are related to SD, EHS and CSR
- Entrepreneurship and Eco-innovation MBA the MBA include a large content of CSR with 40% of the hours in relation to SD.

■ Continuous training

- 33 out of 65 training programmes organized in 2009 concerned DD/RSE,(51%).

Trends

■ Make 2iE a Model for social and Environmental responsibility

- ☐ Education for Sustainability and Health programs for all students and faculty
- ☐ Measurement and publication of 2iE greenhouse gas emission (carbon print will be published before the end of the year)
- ☐ Compensation of GHG emissions through the use of renewable energy sources
- ☐ Waste recycling policy



www.2ie-edu.org

Merci!

Our main partners

