WHAT CAN HIGHER EDUCATION CONTRIBUTE TO DEVELOPING SKILLS FOR THE KNOWLEDGE ECONOMY?

2iE, an International training and research center driven by quality and accountability

September 17 2012
To train engineers in West Africa

14 founding member states

1968: EIER
1970: ETSHER

Group EIER-ETSher

Need to change strategic priorities
From EIER-ETSHER to 2iE
To meet modernization needs

Significant reforms led to the creation of a new model

1. A new system of governance
2. Financial sustainability
3. A Strategic Orientation Program
4. Evaluation mechanisms based on international criteria
Building a new model

2iE: a centre of excellence
1. Innovative system of governance
Public Private Partnership

General Assembly

African States
Institutional and Financial Partners
Scientific and Academic Partners
Private Sector

7 Committees
- Strategic
- Audit
- Risk
- Ethics
- Academic
- Student Life
- Employment

Board

General Management
Scientific Council

Intro Model Vision Results
2. Accountability and financial sustainability

- Compliance with international standards
- Annual Audit
- Governance audited each two years by international law firm

- **Student fees**: a real alternative to studying away from the African continent
- **Private sponsorships**
- 40% of students receiving a scholarship; 2/3 of 2iE’s students are middle class
- **Student loans** (2iE, AFD, BOA)

Budgetary support 100% in 2005
0% in 2011

Annual cost per student at 2iE: 3 times less than that in North
For a quality education in the South
3. Strategic Orientation Program
To achieve objectives and implement change

2011-2015

1 main goal
Increasing 2iE’s positive impact on sustainable development in Africa and reducing poverty with education, research and innovation

8 specific objectives

80 indicators
20 measured on a bi-annual basis

A guiding common tool devised by the Board with partners
4. Evaluation
International recognition of quality of training

A Quality Management System

Labeled Centre of Excellence

Accredited degrees

Academic network
Vision
Building Entrepreneurial Engineers
Building Entrepreneurial Engineers

Employment as the keystone of 2iE’s model

2iE Students

Training highly-skilled graduates to guarantee their employment

Companies

Building Engineers able to show initiative and entrepreneurship and start their own business

Labour Market

A real culture of entrepreneurship

More than 95% of 2iE students recruited less than 6 months after graduation

Technopole

- Business Enterprise Days
- Junior Business Enterprise
- Business Incubator
- Training on business start-ups
Building Entrepreneurial Engineers
Including responsible decision-making

Global Social Venture Competition
Success in international competitions

Beti Halali - 2011
Eco-friendly building materials combined with an innovative system of financing

FasoProt - 2012
Developing a national agribusiness with caterpillars, contributing to preventing malnutrition in rural areas
Results
Investing in Education to better serve Africa
1. Graduates are key economic players for Africa’s development

Quality of training

Perspectives on the labour market

A successful demand-driven strategy
2. Graduates are key economic players for Africa’s green growth

Reversing brain drain  
98% of graduates working in Africa  
38 PhD students in 2iE Labs

Helping achieve MDGs  
Graduates working in key economic growth sectors: 38% in Civil engineering & Mining, 29% in Environment, 19% in Water field and 14% in Energy

Building entrepreneurial engineers  
2 Business Enterprises onsite, 3 Junior Business Enterprises in the incubator, 5 Business created by 2iE students since 2005

Building innovation & research capacities  
An Eco-campus including 2 Common Research Centres (Energy & Sustainable Habitats, Water & Climate), 5 laboratories

Promoting diversity  
1720 onsite students of 27 nationalities, 950 distant learners of 35 nationalities, 25% of women
Conclusion

Investing in higher education to faster sustainable growth

International recognition

Quality of education

Private partners

Innovation

Active academic and scientific partnerships

Building entrepreneurial engineers

Sustainability

Training & working in Africa

Higher Education & Research in the South and for the South
THANK YOU