

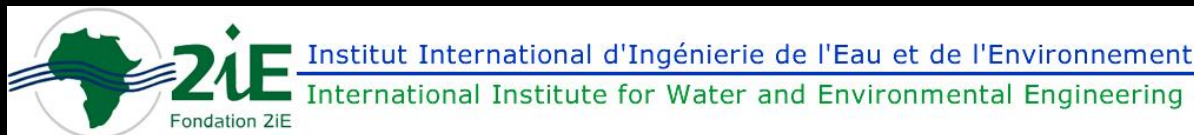


International Workshop on Quality label

**Role and impact of quality labels in
engineering education: The experience
of 2iE**

13 February 2012, Neuilly sur Seine

- Kouassi KOUAME, Dean of Studies and Academic Affairs
- Meriem KELLOU , Secrétaire Exécutive 2iE Europe Afrique Partenariats

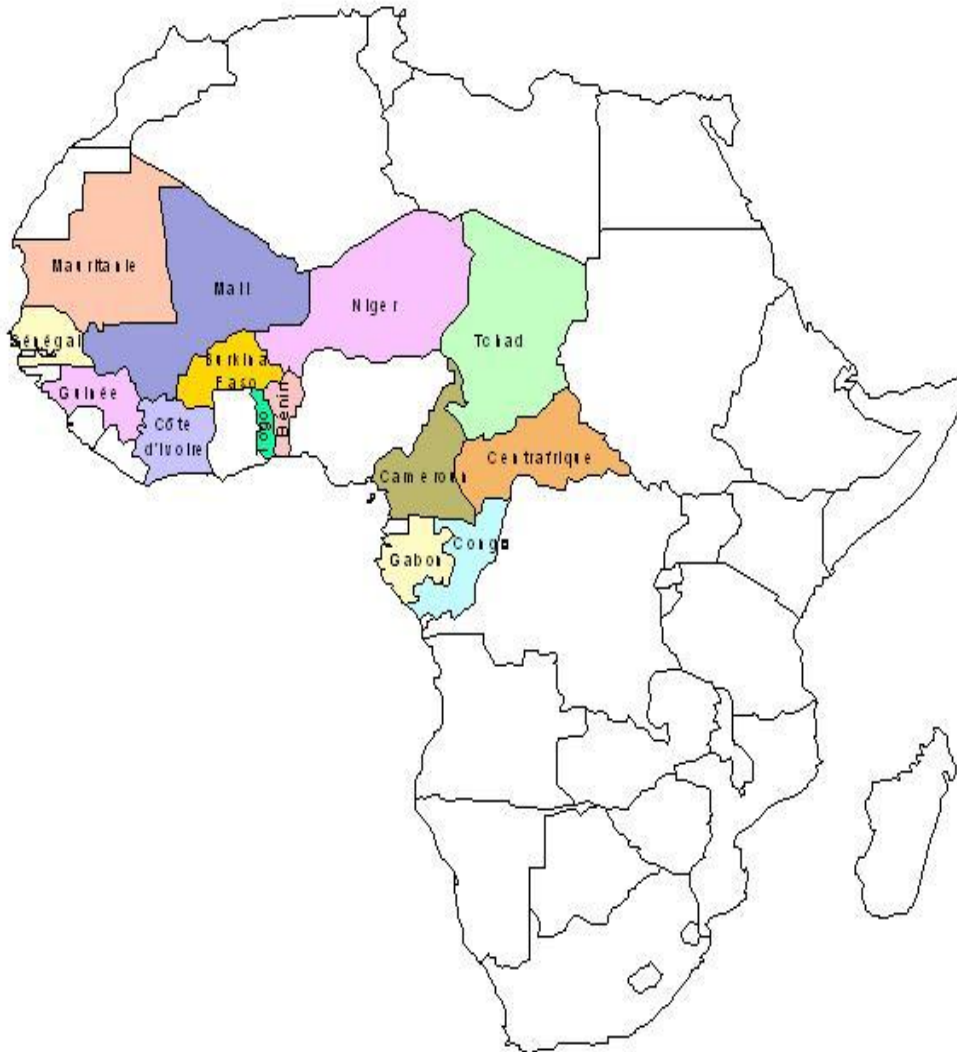


<http://www.2ie-edu.org>

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2iE : An Ambition for Africa



- Public private partnership
- Created in 1968
- Bilingual university
- LMD since 2005
- CTI-Eurace in 2008
- Member of CGE
- NEPAD center of excellence
- UEMOA center of excellence
- Professors, researchers, Assistant professors : 130
- 12 Associate professors from universities and industry
- 2700 students in 2012 : on site and Distance learning
- 36 nationalities
- 25 % female student body
- 18 000 m² of new infrastructure
- An international network of over 40 universities around the world
- 2 sites : 110 hectares and 36 000 m²

2iE: An international platform for research and education

EDUCATION AND TRAINING



Research, R&D, Innovation



2IE , Quality Managment System

- ISO 9001 (2008): Education and Training
- Internal audit system : project evaluation
- Regional, continental and International competitions
- Scientific and pedagogical committee
- Teaching / professor evaluation
- Student evaluation by faculty and industry
- CAMES : Professors accreditation
- CTI- EURACE (1st application 2008)
- ABET (underway)

CTI-EURACE label at 2iE: Our motivations

- Enhancing 2iE's attractiveness
- Stopping the African brain drain
- Development of international partnerships including bi-directional student mobility (South-South and North – South)
- Enhancing the quality of higher technological education in Africa

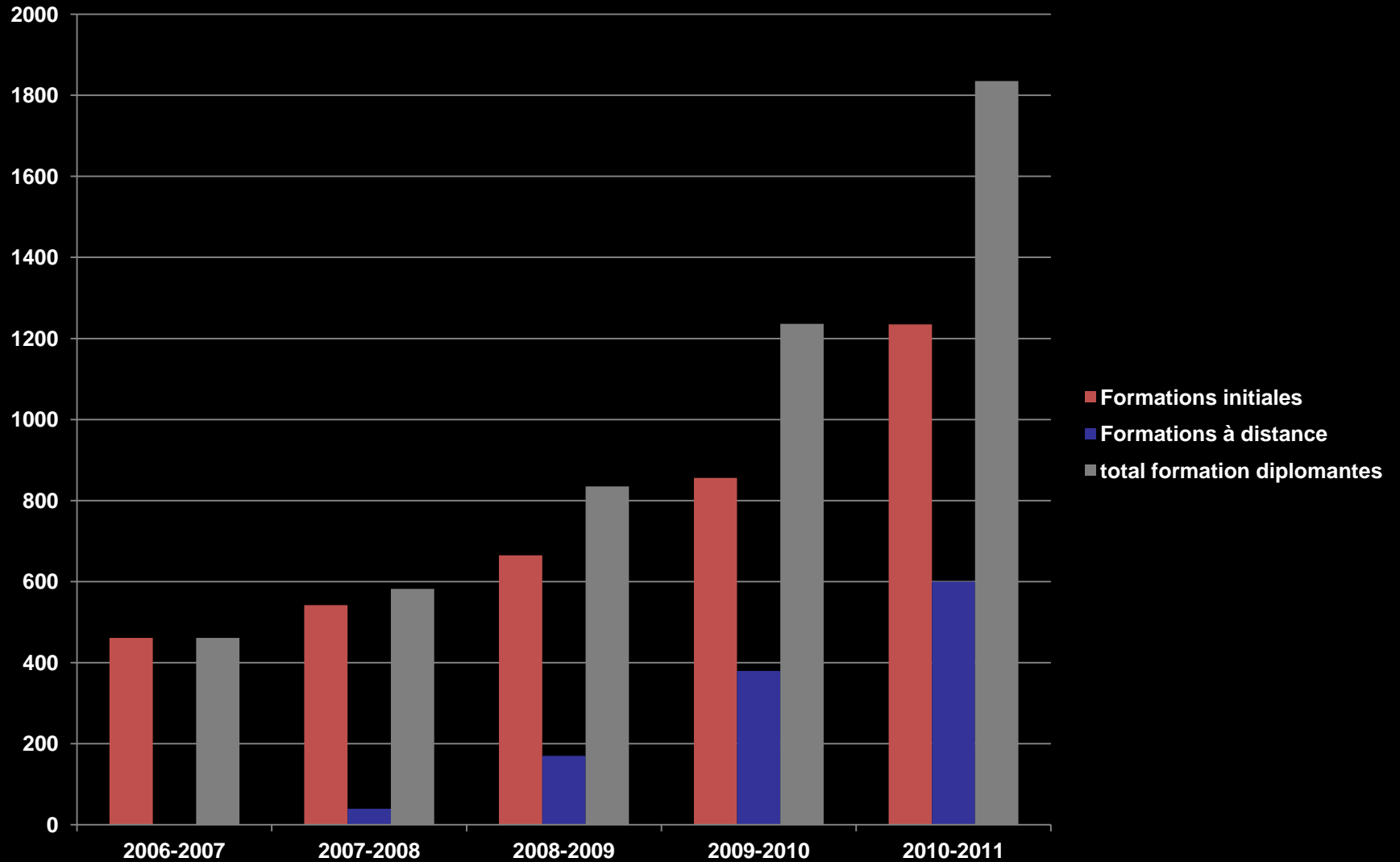
CTI-EURACE label at 2IE: Impacts

- Regular increase in number of students : x6 between 2008 and 2012
- Development of student mobility from France to Burkina (Montpellier, INSA ROUEN, MINES ALBI...)
- 2IE member of the French Conférence des Grandes Ecoles and of the CONAHEC Consortium (North America)
- Development of double – diplomas with French and Japanese engineering (underway) schools

CTI-EURACE label at 2iE: Impacts

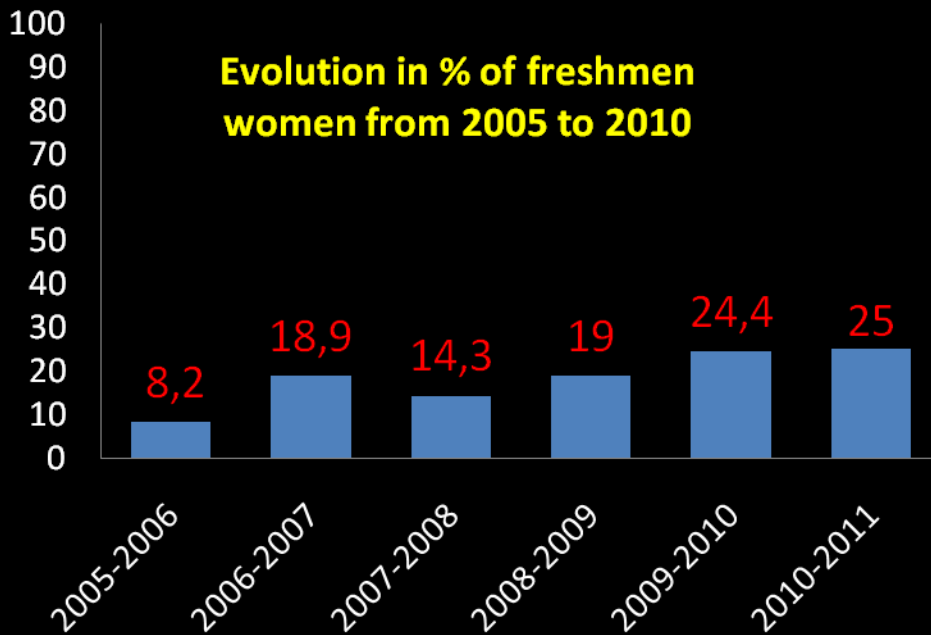
- Leadership in higher technological education :
Transfer of 2iE experience in to countries (Gabon, Cameroon, Ivory Coast, Mali, etc..)
- Positive impact on pedagogical program
(English and soft skills, etc)
- Positive impact on relations with private and public sectors with respect to the employment of our graduates
- Incentive to start a similar process with ABET

A rapid increase in student population

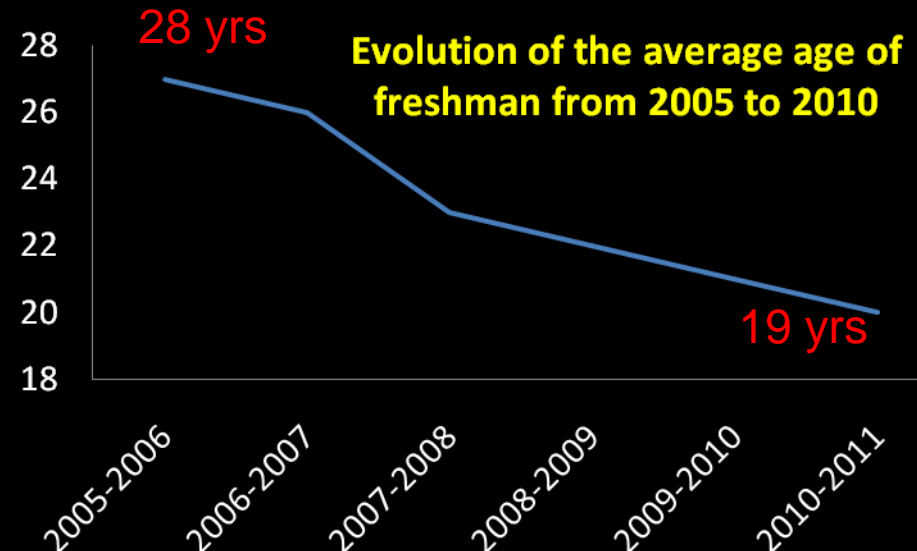


A younger, more gender balanced and international student population

Evolution in % of freshmen women from 2005 to 2010



Evolution of the average age of freshman from 2005 to 2010



An growing international dimension :

- Students : **35** nationalities
- Professors : **18** nationalities / **4** continents
- Research : **15** partner universities / **7** countries / **4** continents

Graduates per country since 1966

25% have been trained in the last 5 years

Country of Origin	1966 to 2005	2006 to 2010	total
BENIN	248	84	332
BURKINA FASO	476	315	791
CAMEROUN	318	165	483
CENTRAL AFRICAN REP.	58	9	67
CONGO	168	21	189
GABON	87	30	117
GUINEE	82	17	99
COTE D'IVOIRE	244	92	336
MALI	162	42	204
MAURITANIA	59	19	78
NIGER	282	82	364
SENEGAL	310	59	369
CHAD	164	59	223
TOGO	254	49	303
DRC	4	3	7
OTHER (10)	19	20	39
Total	2935	1069	4004

In 2011:
440 students
graduated, 100 of
which obtained a
specialized
Master's diploma

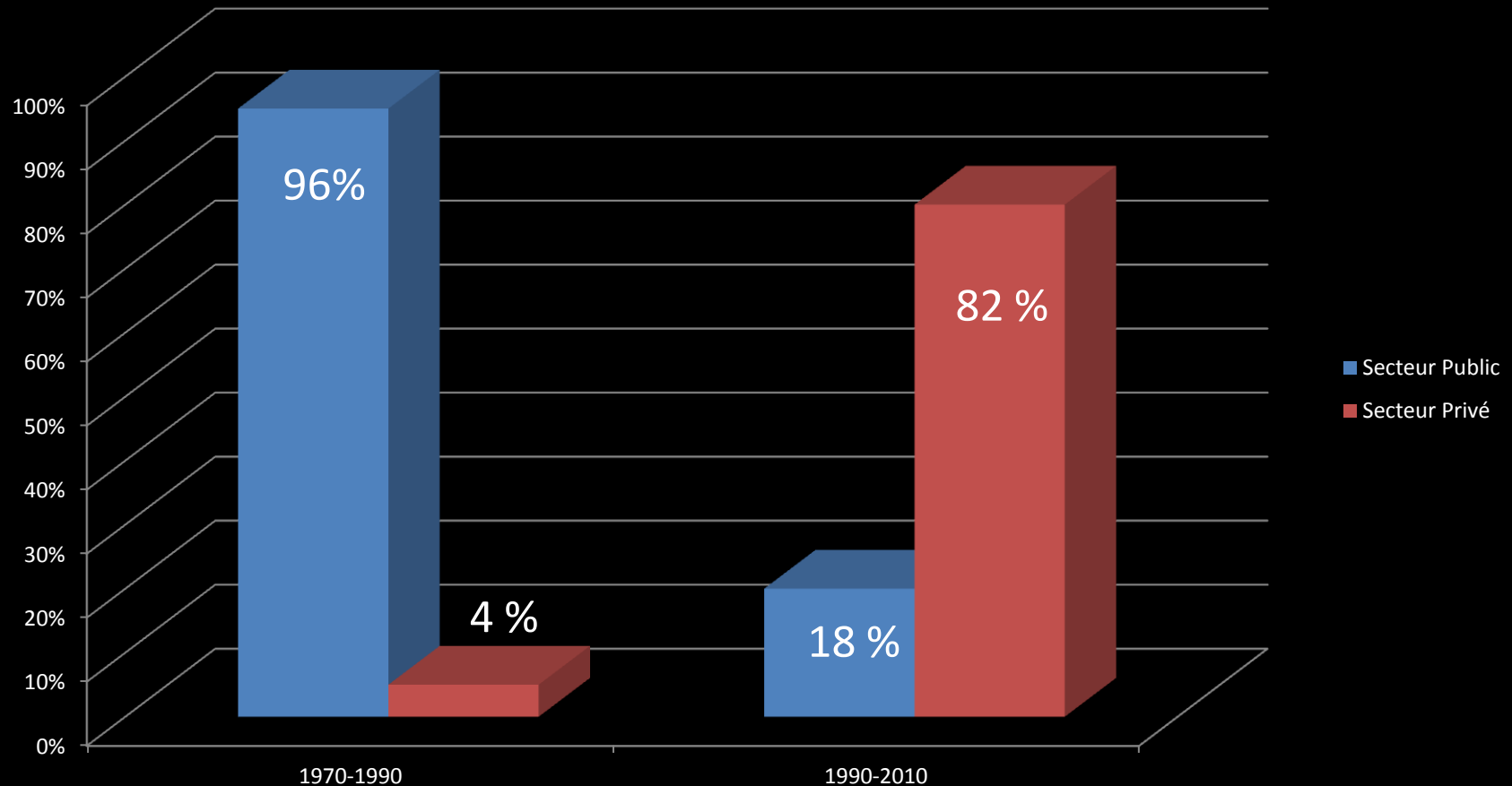
By 2013:
550 graduates
will leave 2iE
each year

2iE graduates work in Africa

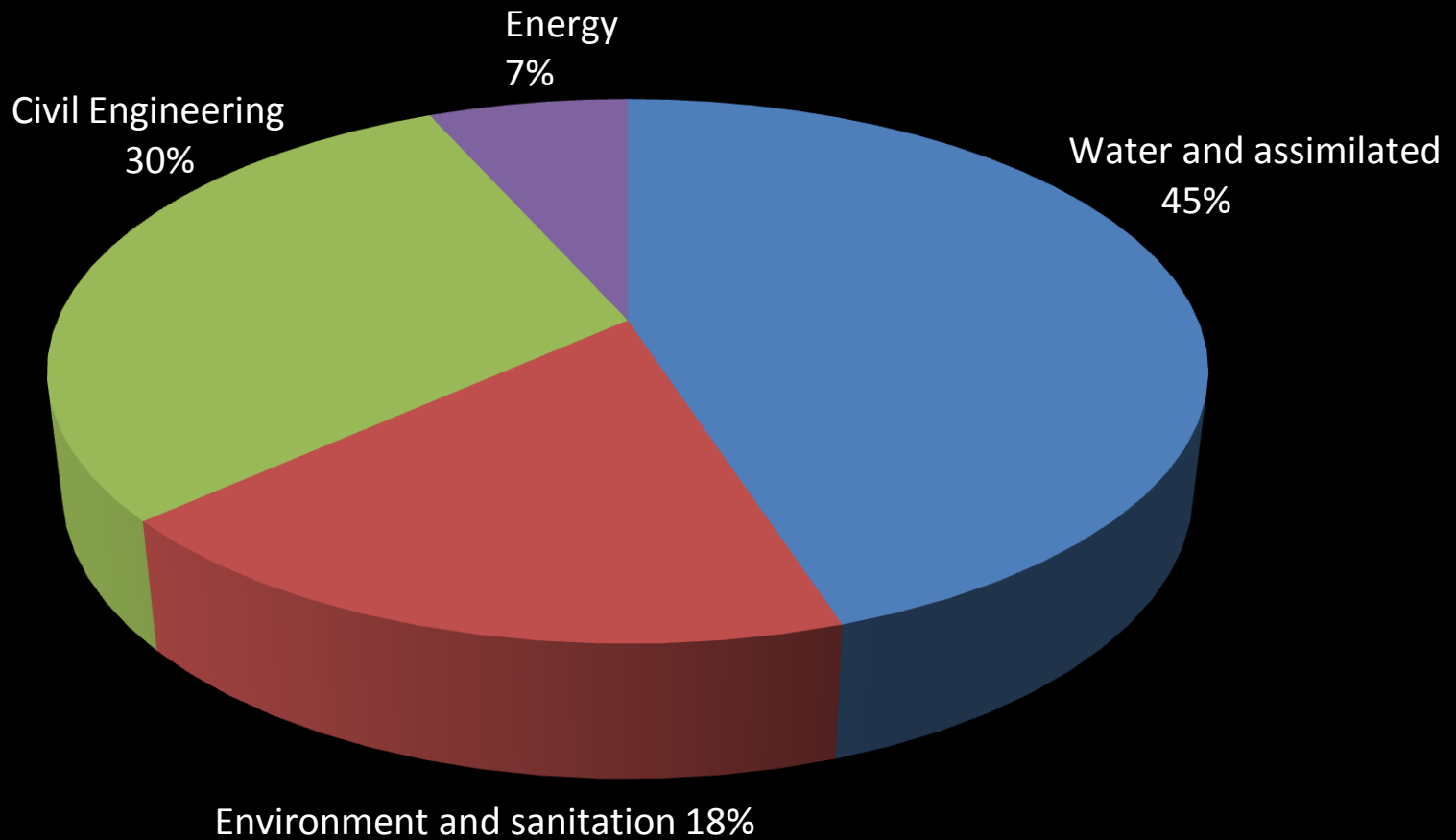
2005 – 2010	
Graduates returning to their country of origin	77 %
Graduates working in Africa	97 %

Study conducted in 2010 on 629 graduates

Evolution in type of employment Public sector / Private sector



63% of graduates working in MDG related sectors of Water and Environment



Conclusion and perspectives

In the last 7 years, 2iE has witnessed major impacts on its social and economical environment

These changes are the result of an ambitious and innovative strategy including the CTI-EURACE label

The CTI-EURACE gave a significant momentum to 2iE leadership in Africa higher technological education

We are working hard to maintain our label

We are promoting CTI-Eurace in Africa

THANK YOU

<http://www.2ie-edu.org>