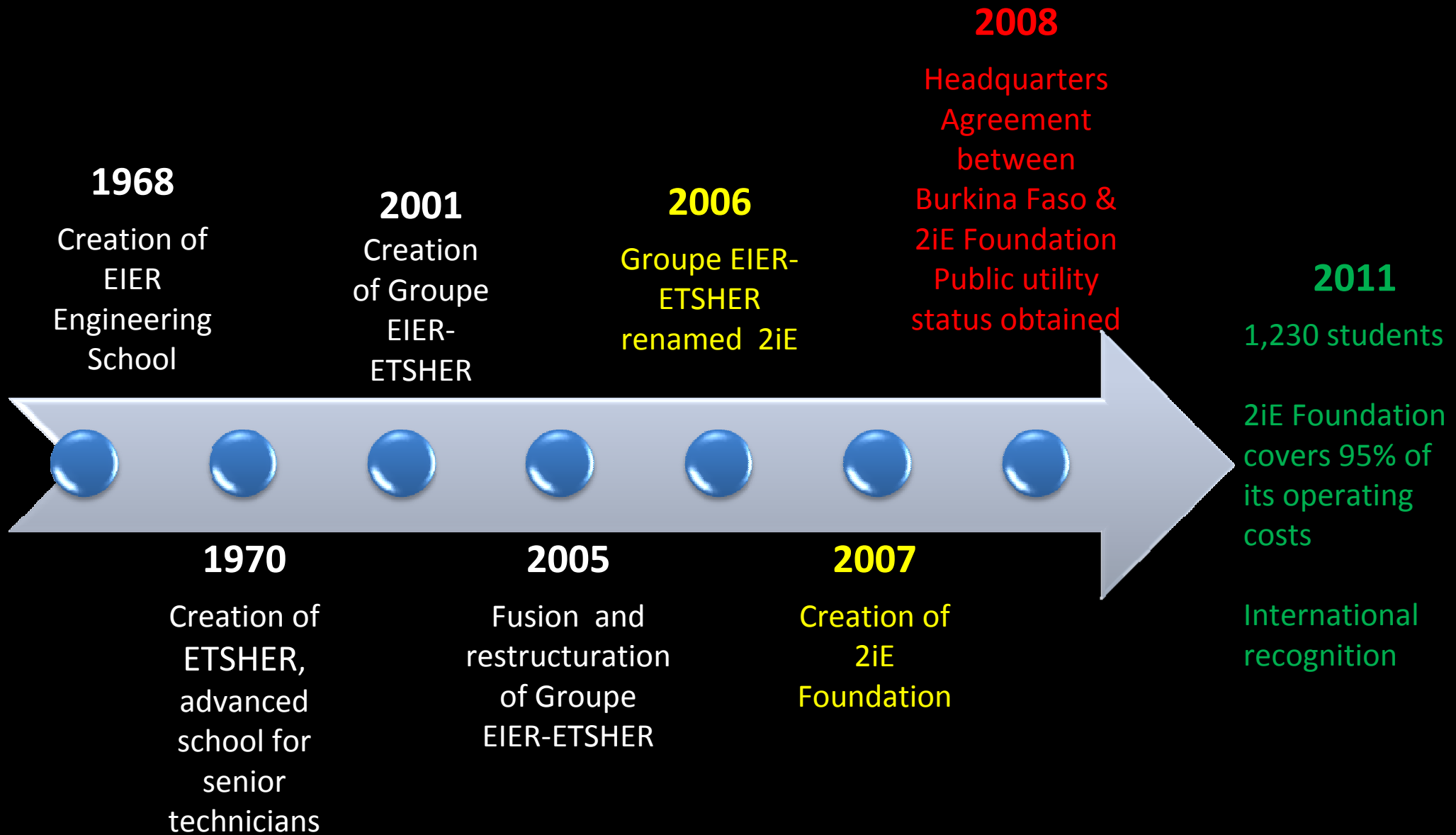


2iE

**An international
Center of Excellence
in Africa**

Historical Overview



Rising Student Population

2005

2011

1,850

students

including 620
Distance learners

Decreasing student Fees

2005

240

students

2011

5% budget support

5,000€/student

Budget/Year: 8 million €

Costs:

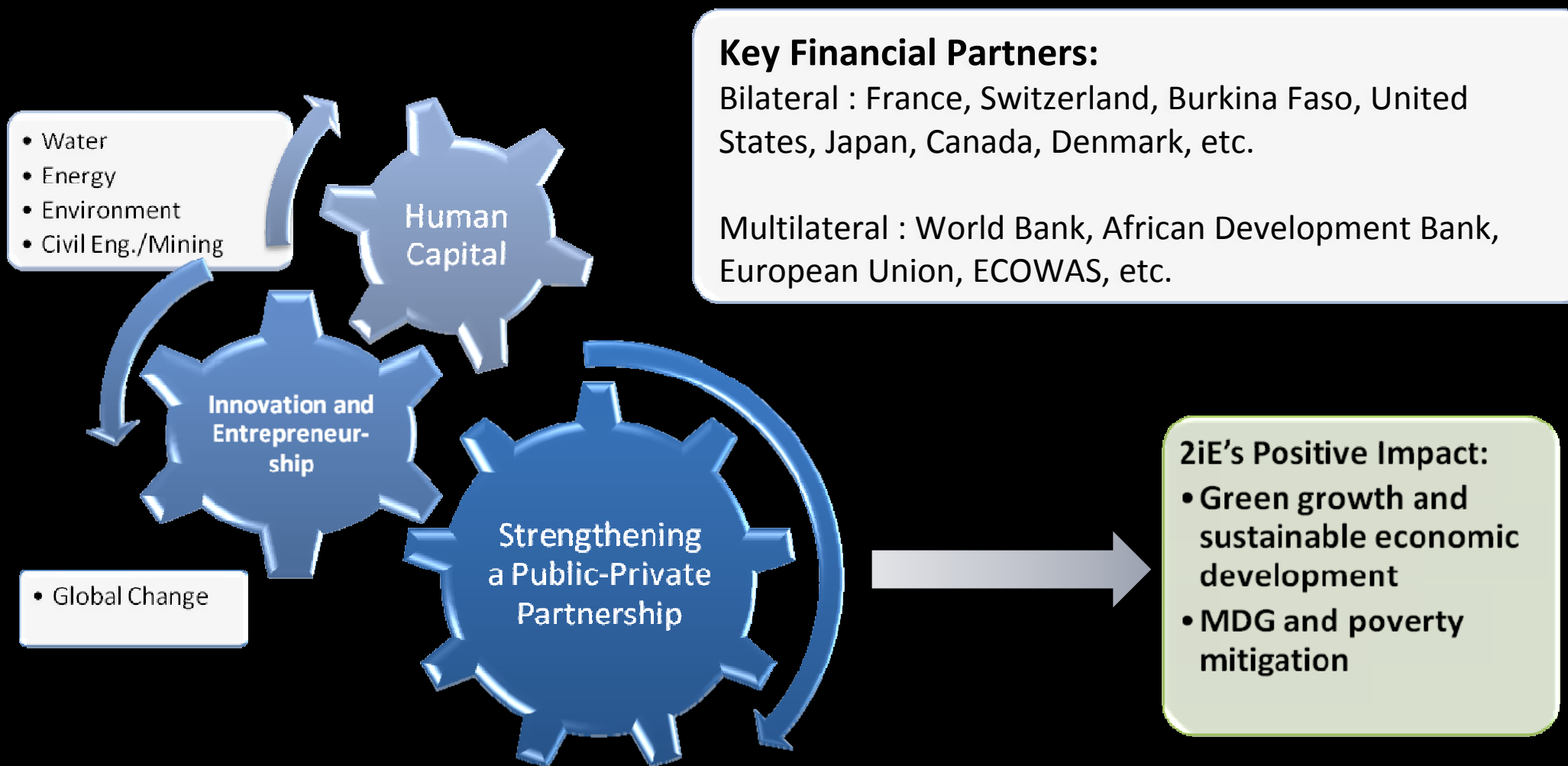
3,000 € covered by the
student (40% of students hold
scholarships)

2,000 € covered through 2iE's
activities

100 % financed by public
funds
24,000€/student
covered by States +
Donors

A Common Vision

2iE is committed to training highly-skilled staff, equipped with innovative and entrepreneurial skills for the development of the African continent, and able to take into account all gender, linguistic and cultural differences. 2iE, for the sake of complementarity and subsidiarity, has networked with other African higher education and research centers.



Qualified Human resources


2iE's International Team:

- 55 permanent lecturers and researchers of 18 nationalities from the four continents
- 12 Visiting Professors
- 62 temporary lecturers
- 21 research engineers
- 34 PhD students and 9 post-docs

A Scientific Council that sets orientations:

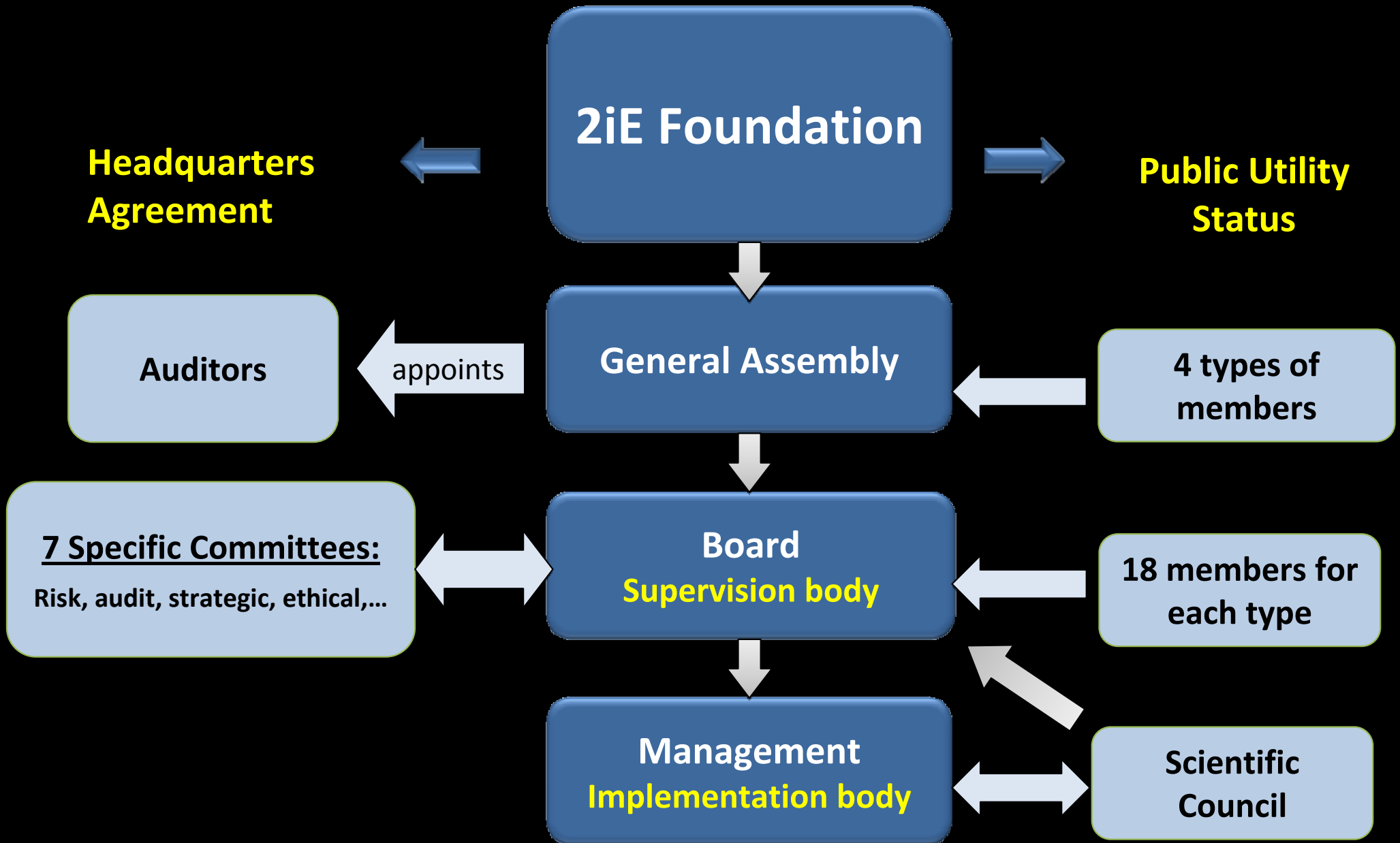
- Includes over 20 eminent professors from all over the world: Burkina Faso, France, United States, Switzerland,...
- Chaired since April 2011 by Professor Ramata Bakayoko-Ly, University of Cocody (Cote d'Ivoire). She replaced Professor Basile Guissou (Burkina Faso), who chaired the council for 6 years and who remains a honorary President

Results-Based Management System

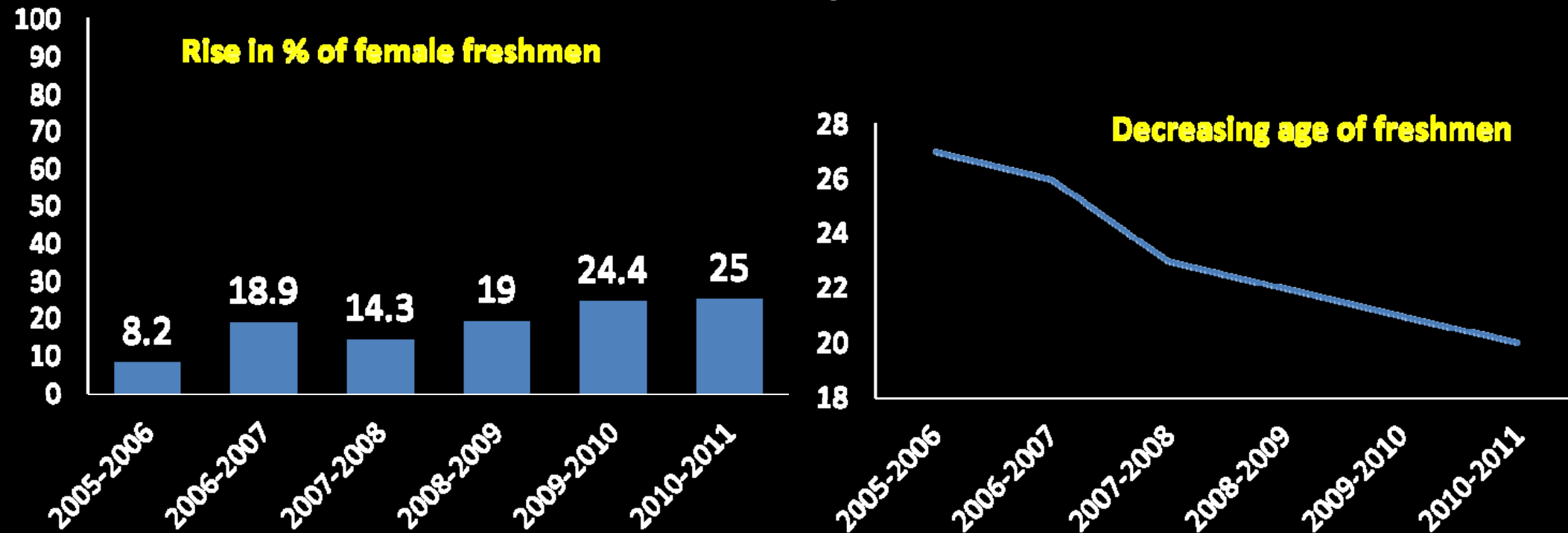
- 
- A Strategic Orientation Plan for 2011-2015
 - A General Goal
 - 8 Specific Goals
 - 20 Monitoring Indicators
 - 80 Result Indicators

An Original System of Governance

A Public-Private Partnership



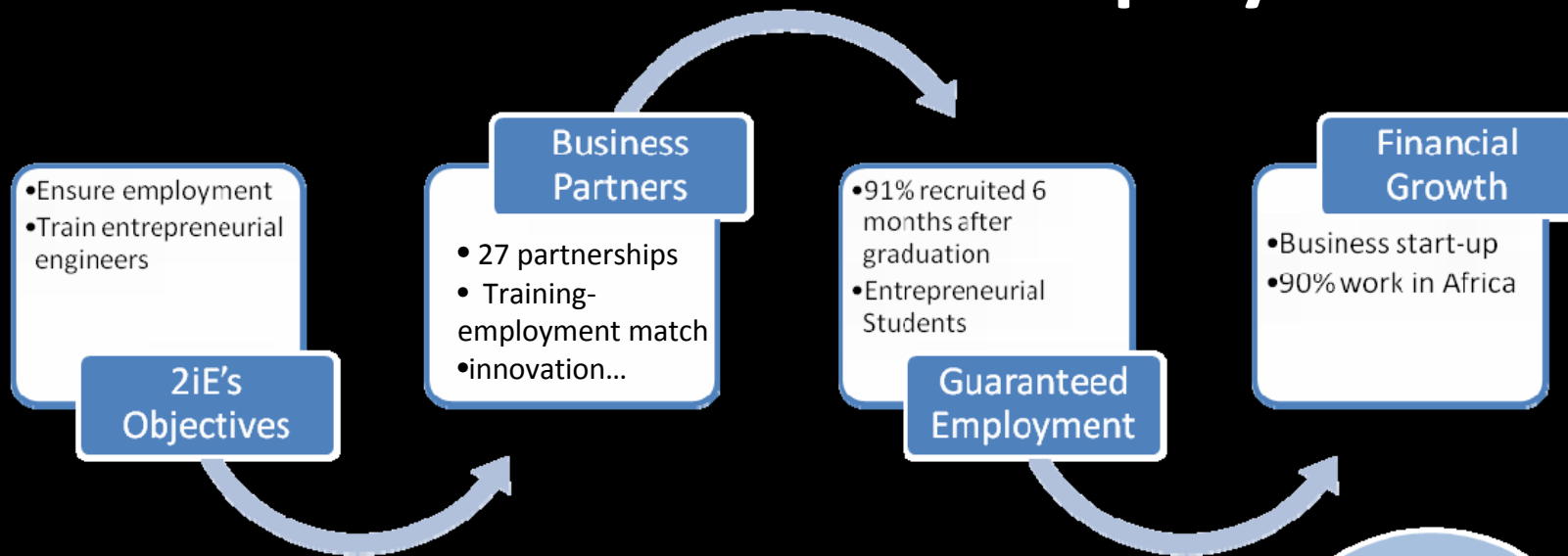
A Young, International and increasingly Female Student Population



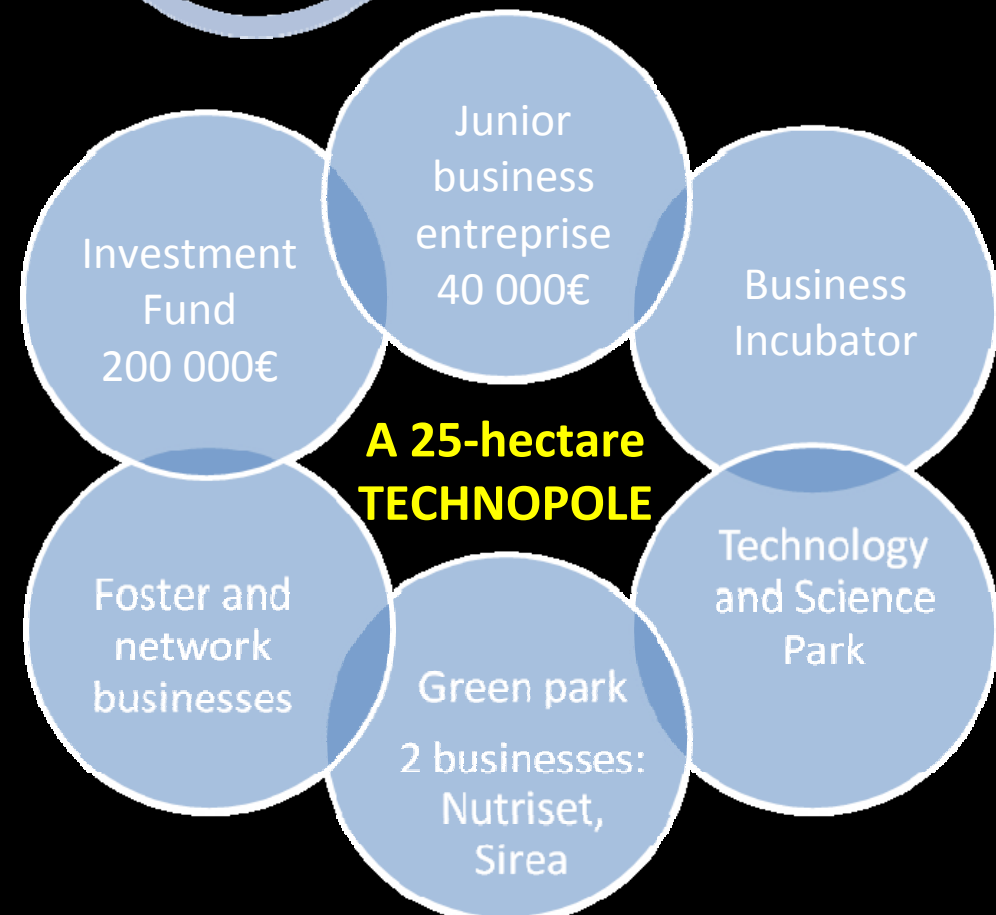
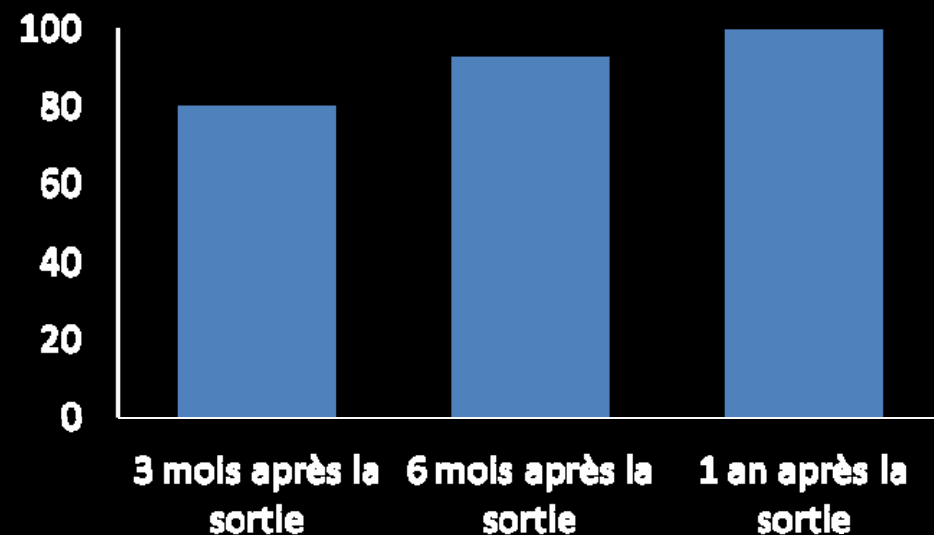
An International Dimension

- Students: **35** nationalities
- Faculty: **18** nationalities / **4** continents
- Research: **15** university partners / **7** countries / **4** continents

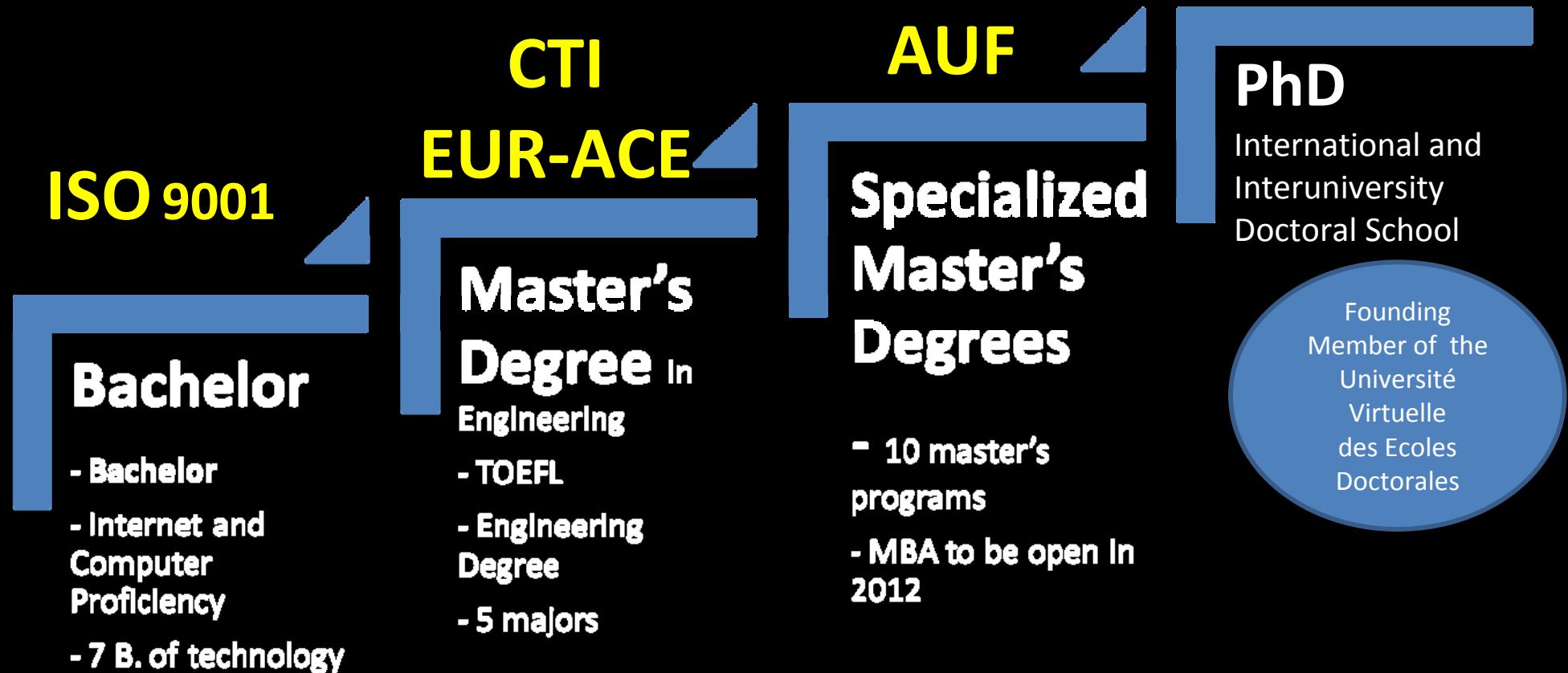
Private Sector and Employment



**Average rate of employment
2005-2010**



Accredited Onsite and Distance Learning Programs



Research and Training Programs Tailored to Meet Development Needs 5 Laboratories

LEDES

Water,
decontamination,
ecosystems
and health

LEAH

Hydrology
and water
resources

LBEB

Biomass,
Energy and
biofuels

LESEE

Solar Energy
and Energy
Savings

LEMC

Building Eco
Materials

Multiple Partnerships

Universities

- American: Princeton, Tuskegee, Duke
- European: Groupe INSA, ENTPE, EPFL, UMPC, Montpellier II, Perpignan, UTC, Rennes I, Strasbourg, IHE Delft
- African: U. of Ouagadougou, KNUST Kumasi (Ghana), AUST Abuja (Nigeria) and AIST Arusha (Tanzania)
- Asian: U. Hokkaido

Research Centers

CIRAD, DRI, IHE, CEA/INES, IWMI

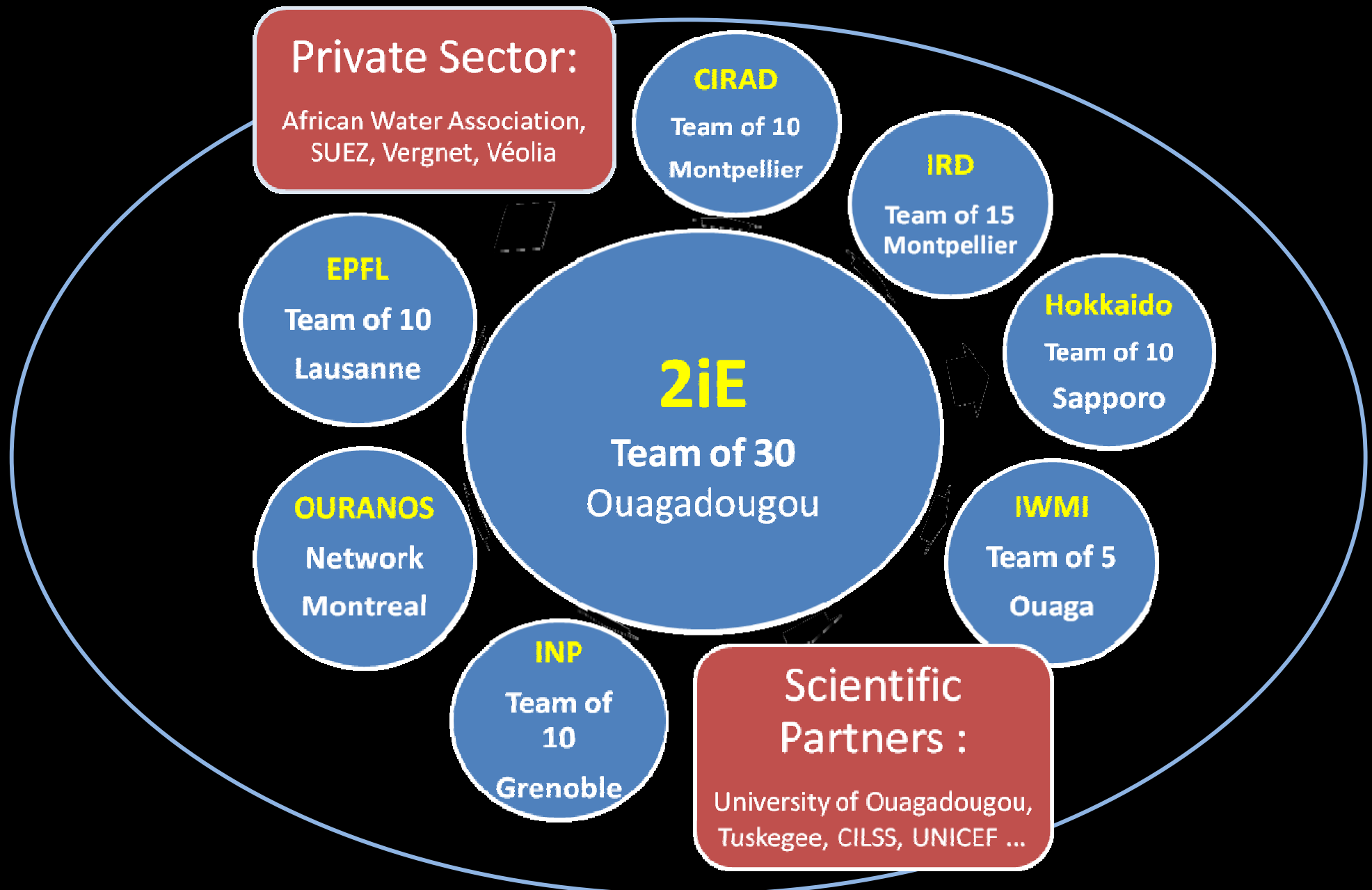
Private Sector

Total SA, Vergnet, VEOLIA, SUEZ, AAE, Nutriset, Bertin, SIREA, SOGEA, ...

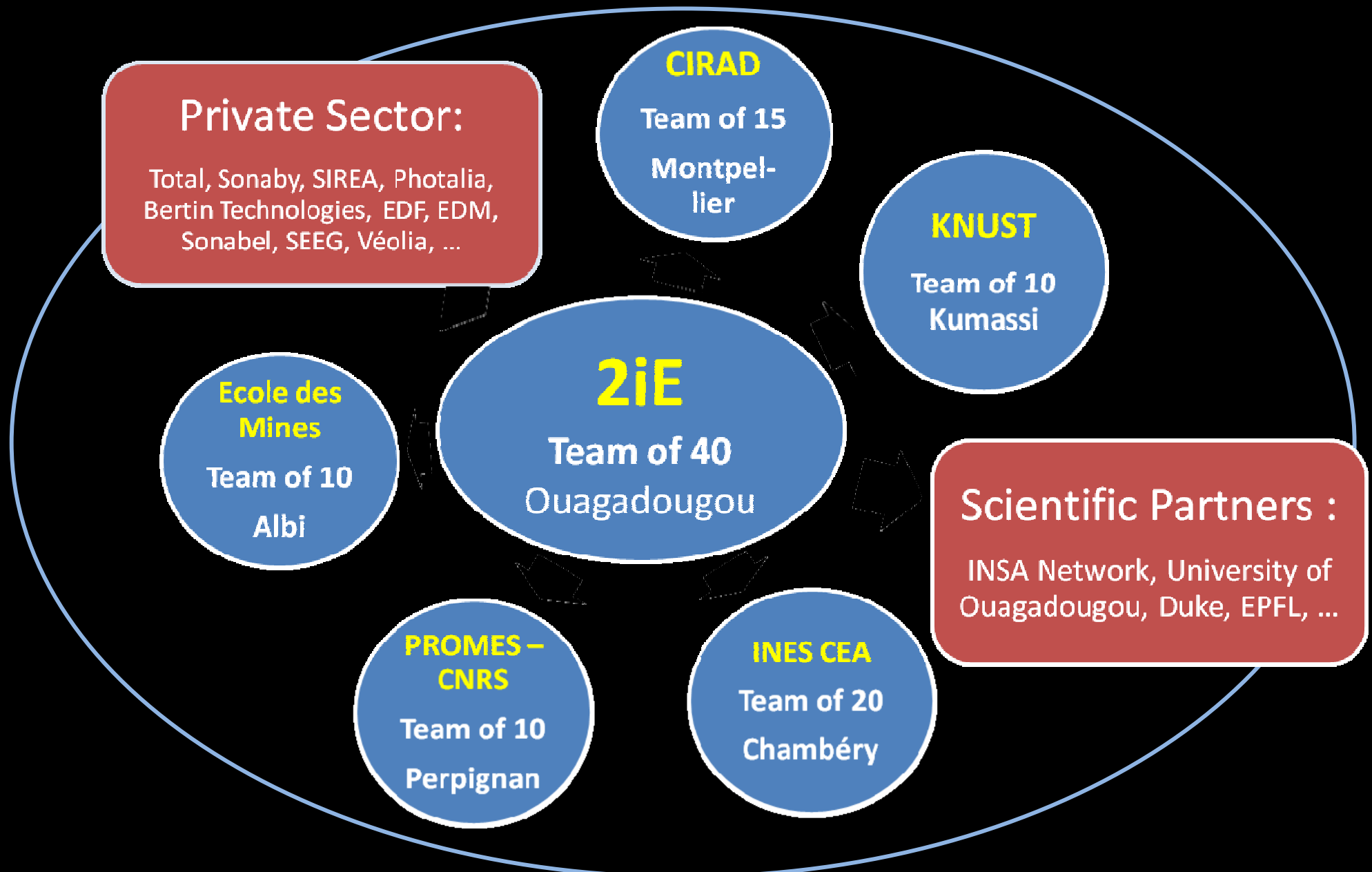
Organizing 2iE as Common and Open Centers

1. Research Center on Water and Climate
2. Research Center on Sustainable Energy and Habitat
3. Center on Innovation and Social Entrepreneurship
4. E-Center
5. International Doctoral Program

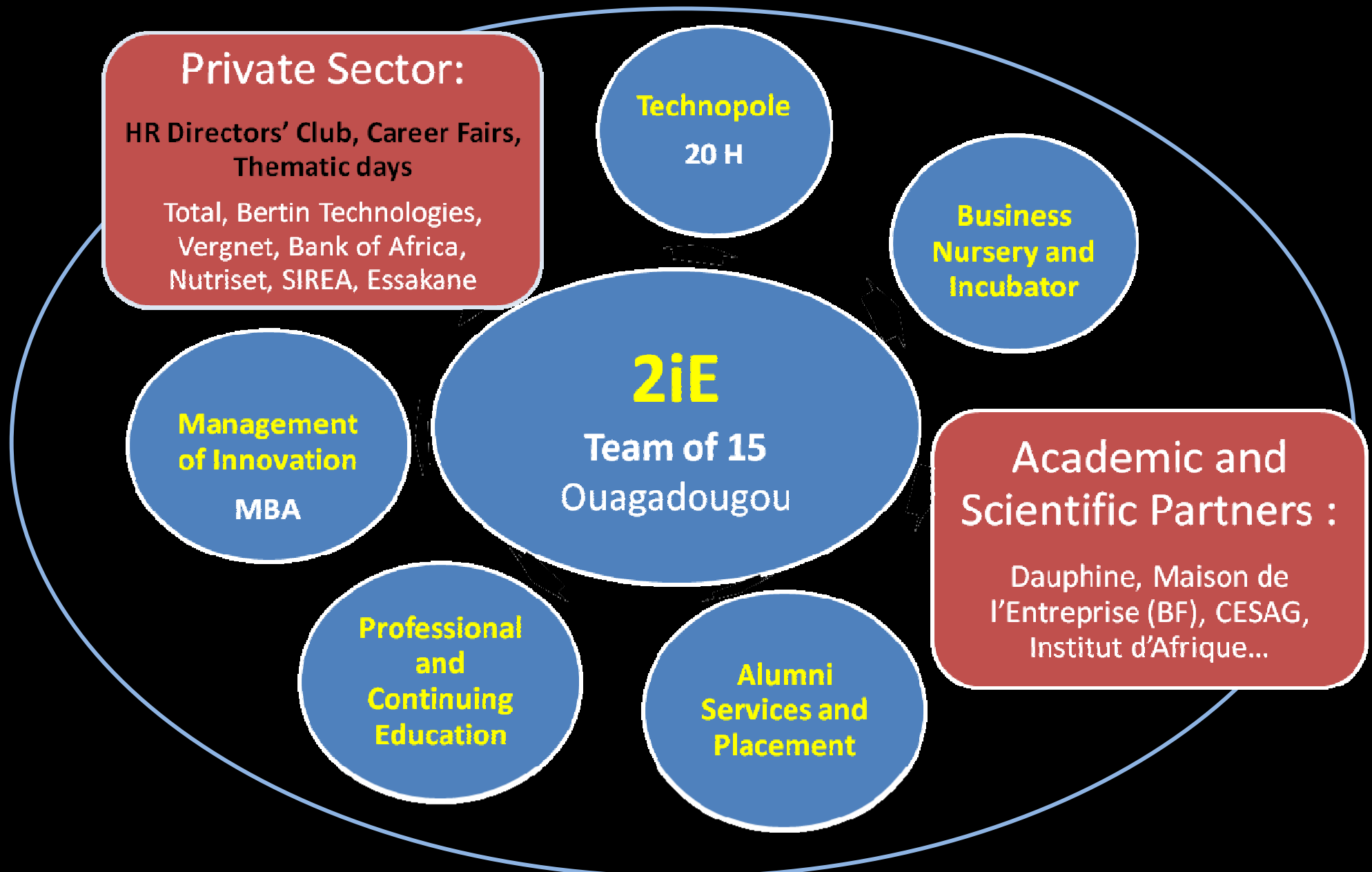
1. Building a Common Research Center on Water and Climate



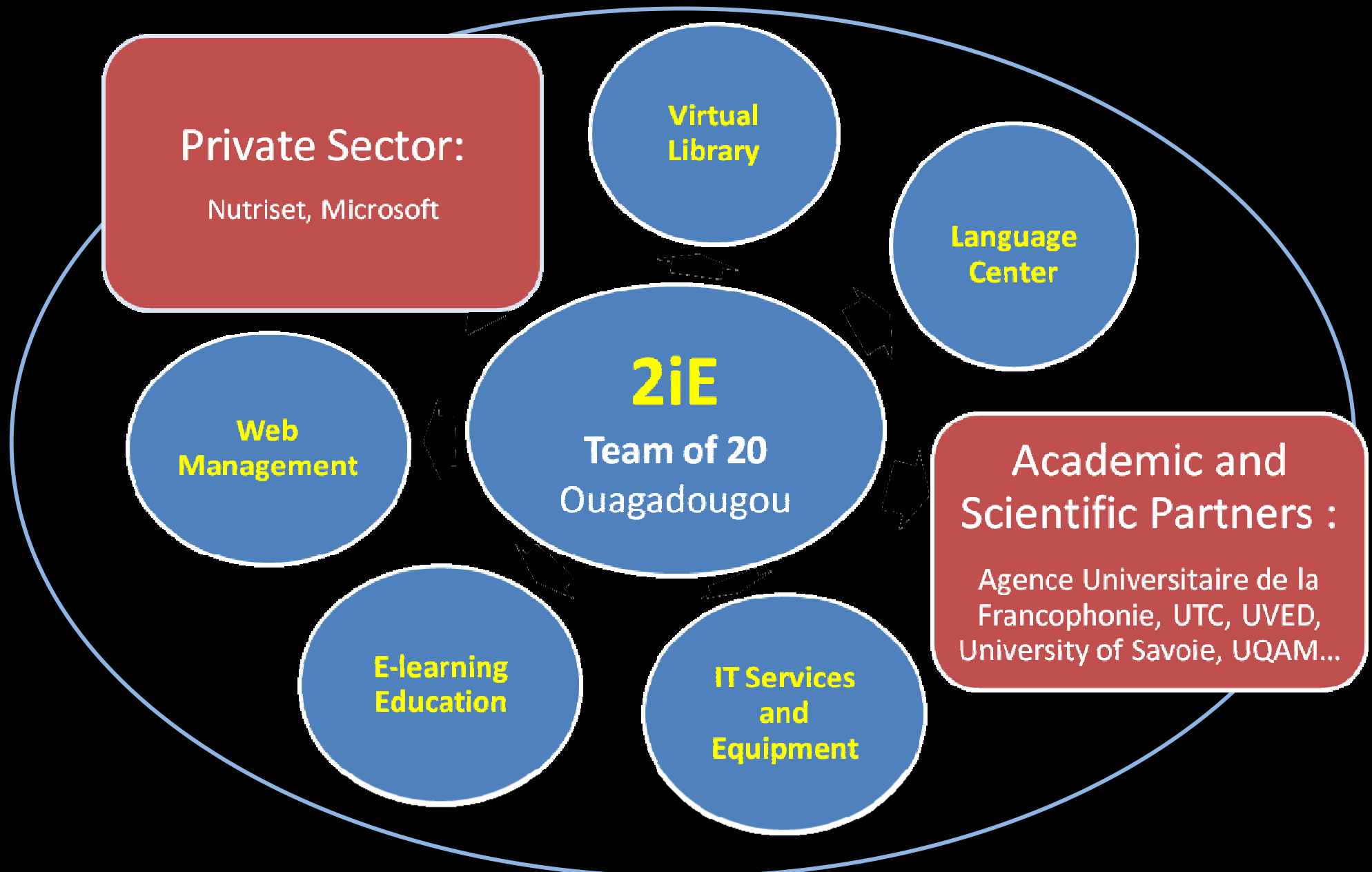
2. Building a Common Research Center on Sustainable Energy and Habitat



3. Building a Center on Innovation and Social Entrepreneurship



4. Building an e-Center



5. The International PhD Program

Created in 2009, it is developing an international and inter-university PhD program in Water, Energy and Environmental Sciences and Technologies

Jointly supervised PhD Theses

34 PhD students in 2010-2011 with 50% financed by external sponsors

Targets :

- 50 PhD students in 2012-2013
- 100 PhD students in 2015-2016
- 80% of PhD students self-funded by 2015

Courses relevant to engineering sciences, entrepreneurship and human sciences

The Doctoral School awarded its **first PhD degree** on June 27, 2011

Budget allocated to research

About 500 million Fcfa

i.e. 10 % of operating budget excluding
lecturers' salaries

Own funds raised in addition to funds raised
from partners

Innovation at 2iE

Technical innovations with international impact:

- Invention of Pump Vergnet in 1970
- Adaptation of Ventifraicheur (air cooler) in 1988
- Development of Compressed Earth Blocks (BTC)
- Development of Collective Water Supply 2009 - Grand Prize Suez Environnement
- Development of Flexy-Energy concept 2010

Challenges and Constraints

1. Maintaining a secure Campus with on-site housing for all taking into account gender and promoting diversity: 2iE international village spirit
2. Scaling up world-class education based on research findings, fostering entrepreneurship and developing language skills

Thank you for your attention

www.2ie-edu.org

www.ies-africa.org