

# EAGE

STUDENT FUND



## Annual Report 2012

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## Introduction

The European Association of Geoscientists & Engineers (EAGE) is a European based organisation with a worldwide focus. The Head and European Office are based in the Netherlands; the other current Regional Offices can be found in Dubai, Kuala Lumpur and Moscow. The organisation promotes knowledge exchange and has the objective of raising worldwide public and political awareness of the vast (but often under-used) potential of Earth Sciences for improving the quality of life and safeguarding the planet.

One of the goals of EAGE is to promote geosciences among students. In order to achieve these goals several activities are organised. In order to further improve and expand the activities towards students the initiative for the creation of a special EAGE Student Fund was launched in March 2008.

The following aspects are the key elements of the initiative:

- **Attention for students and young people**
- **Sponsors to advise on strategy**
- **Sustainability, a long term guaranteed commitment**



## 1. Governance

### 1.1 Legal registration

The EAGE Student Fund (ESF) is registered as a foundation in The Netherlands. The foundation is being recognised as a charity (ANBI) and is exempt from taxation.

### 1.2 Board

The EAGE Student Fund is managed by the EAGE Student Fund Board (ESFB). For guidance on the fund's strategy and activities an EAGE Student Fund Advisory Council (ESFAC) has been introduced. The execution of all the projects is done by the administration.

### 1.3 EAGE Student Fund Board

The EAGE Student Fund Board currently consists of three members. The Board governs the legal and fiscal part of the ESF.

Board position ESF	Person
President	Mr Mahmoud Abdul-Baqi
Vice President	President EAGE
Secretary Treasurer	Secretary Treasurer EAGE

### 1.4 EAGE Student Fund Advisory Council

The EAGE Student Fund Advisory Council advises the Board of the EAGE Student Fund on the strategy and the activities it organises.

Advisory Council 2012:

Mr Mahmoud Abdul-Baqi	Chairman
Mr Henk Tijhof	Shell
Ms Florence Genete	CGGVeritas
Mr Philippe Feugere	CGGVeritas
Ms Leila Samarbakhsh	WesternGeco

Who can be part of the ESFAC?

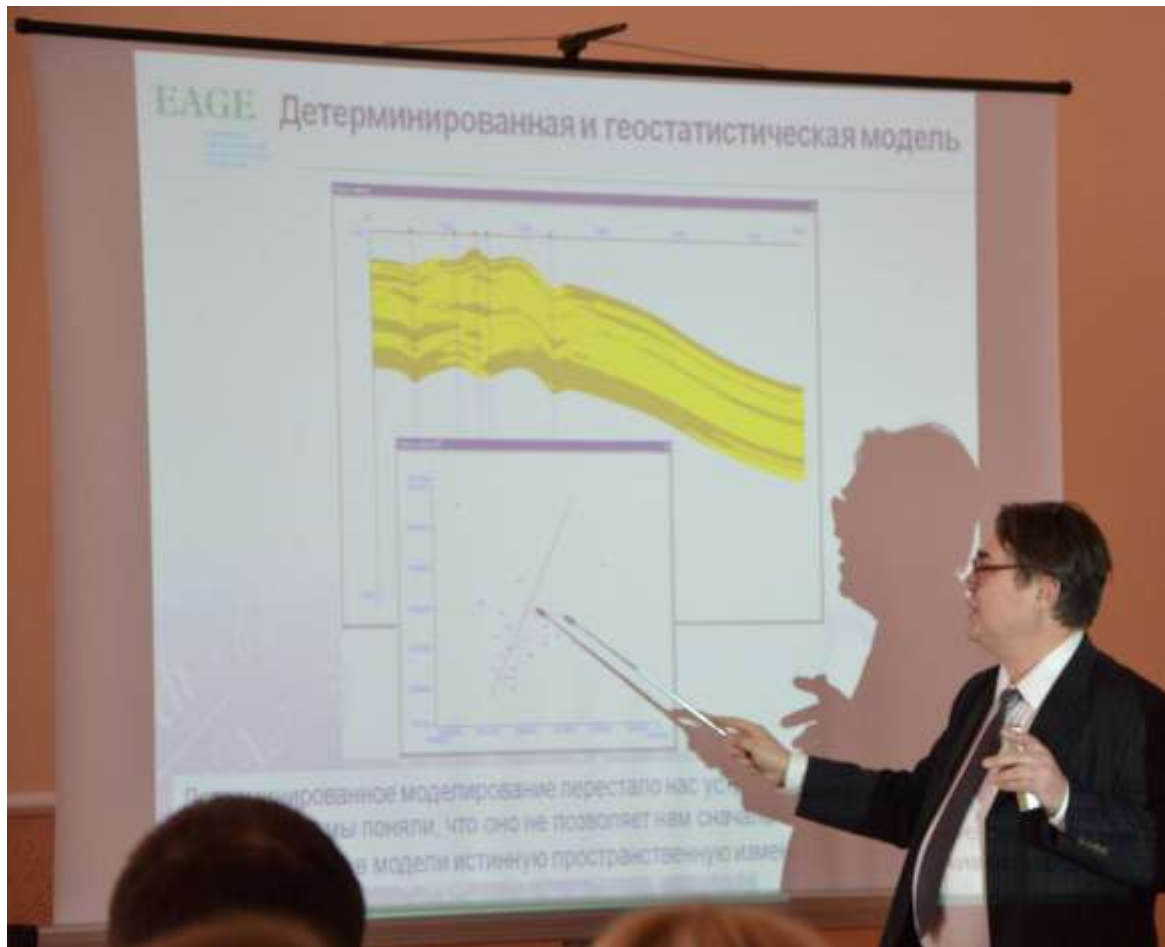
- A main sponsor with a donation of at least € 100,000.- will be entitled to have a position in the advisory council. The term of membership of the advisory council is related to the amount of sponsorship, i.e. each € 50,000.- entitles for one year.
- The members of the EAGE Student Fund Advisory Council and the EAGE Student Fund Board jointly elect the chairman and vice-chairman of the EAGE Student Fund Advisory Council. Each member has one vote in this process.

## 1.5 Administration

The administration of the EAGE Student Fund activities is done by the EAGE Head office.

## 1.6 Goal

The goal of the EAGE Student Fund is to promote the geosciences and related engineering professions to students worldwide.



Dr Evgeniy Kovalevskiy 2012

## 2. Donations

### 2.1 Introduction

The capital of the fund is collected by several types of donations:

- Company donations/sponsorships
- Individual donations given with the membership dues
- Instructors donating their fee
- EAGE donations from the annual budget surplus
- Specific scholarship donations
- Company donations for specific student activities

### 2.2 Levels of donations

For the companies donating for the structural build up of the fund several levels of donations are defined each with their own privileges. It is possible for companies to enter into a sponsorship agreement with the EAGE Student Fund under which the sponsorship is paid in annual instalments. The value of the contract will be leading in defining the sponsor level as described hereunder.

Level	Minimum	Maximum
Platinum	€ 500,000	
Gold	€ 250,000	€ 499,000
Silver	€ 100,000	€ 249,000
Bronze	€ 50,000	€ 99,000
Other		

Companies donating an amount of minimum € 50,000 will be considered as a main sponsor. The validity of the recognition as a main sponsor is related to the amount donated. Each € 50,000 entitles for one year of recognition as main sponsor starting from the date of donation.

The general recognition as sponsor of the EAGE Student Fund is eternal, unless the sponsor requests to remove its name from the list. The level of general recognition as sponsor is based on its cumulative donations.

### 2.3 Recognition and privileges of sponsors

There are several ways in which the logo of the sponsor can be made visible:

- The logo appears on the EAGE Student Fund website; the portal for all the EAGE Student Fund activities.
- EAGE journal First Break has a permanent page on the EAGE Student Fund, which includes the logos of the main sponsors.
- The Program & Catalogue of the conferences with a special student program have a one page advert on the EAGE Student Fund with the logos of the main sponsors.
- All the main sponsors will be listed with logo in the EAGE Student Fund annual report, which is part of the EAGE annual report.
- A special leaflet with the activities of the EAGE Student Fund is produced every year. The leaflet will have the logos of the main sponsors.
- A main sponsor with a donation of at least € 100,000 is entitled to have a position in the advisory council. The term of membership of the advisory council is related to the amount of sponsorship, i.e. each € 50,000 entitles for one year.














### 2.4 Sponsorship overview

The following companies/organisations were main sponsor in 2012:

- Shell
- CGGVeritas
- WesternGeco



The accumulated sponsorship overview:

Platinum			> € 500,000
Gold			€ 250,000 – € 499,000
Silver	    		€ 100,000 – € 249,000
Bronze			€ 50,000 – € 99,000
Other sponsors	     		€ 10,000 – € 49,000
Other sponsors	Dong ffa Maersk Repsol Schlumberger SGS		€ 500 – € 9,900
Personal donations	Andy Bell Eric Verschuur Etienne Robein Evgeny Landa Henry Calandra Ian Jones Jack Bouska Klaus Fischer	Mark Bentley Mark McLane Marcus Marsh Mike Branston Peter Hubral Peter Nederlof Richard Chambers William Abriel	> € 500



### 3 Activities

The interest of the capital in the EAGE Student Fund will be used to support the different activities in the portfolio. Activities in the portfolio can change. The Board of the EAGE Student Fund will decide how much of the available budget will be allocated to which activity.

#### 3.1 Scholarships & Awards

##### The EAGE/SEG/Thomson/BP Scholarship

The EAGE Student Fund and SEG scholarship committees together award annually two full time student scholarships; one at a North American university and one at Heriott-Watt University, Edinburgh (UK). The level of the scholarship is set by the SEG and is based on their fund interest.

2012 winner

- Shuzhe Tian (Heriot-Watt University)

##### Baku scholarships

Due to local circumstances the scholarships have not been awarded in 2012.

##### Gustavo Sclocchi Award

The EAGE Student Fund, the SPE Italian Section and Assomineraria (the Italian Petroleum and Mining Industry Association) together award annually the Gustav Sclocchi Award. The target group is university and diploma graduates and Ph.D.'s in petroleum engineering and geosciences from Italian universities or by Italians studying abroad. They are entitled to submit their thesis, which must be related to Hydrocarbon and Geothermal Exploration & Production activities, for the award. The prize is a cash prize of € 2,400 for each winner, which is paid in equal parts by the organising partners.

2012 Winners

- Roberto Calandrini (Politecnico Milano)
- Andrea Dato (Politecnico Milano)
- Fabio Miotti (Politecnico Milano)

Winners Gustavo Sclocchi Award 2012



### 3.2 Student Lecture Tours

Since 2005 EAGE has reached out to the student community with the EAGE Student Lecture Tour (SLT). The SLT invites Geoscience experts to give half day presentations on a current Earth Science topic to students from different disciplines and levels. EAGE then invites local Universities to host the event in their region. The EAGE Student Fund finances several student lecture tours.

#### Student Lecture Tour Europe

Topic : Shale Gas Perspectives  
Instructor : Various lecturers provided by GASH scientists & colleagues  
Period : 2011 – 2012 (academic year)  
Locations : 41  
Attendance : 1,773

#### Student Lecture Tour Russia/CIS

Topic : Geological Modelling on the base of Geostatistics  
Instructor : Dr Evgeniy Kovalevskiy (Central Geophysical Expedition)  
Period : 2011-2012 (academic year)  
Locations : 22  
Attendance : 1,208

#### Student Lecture Tour North Africa

Topic : Minerals: Who needs them, who supplies them and how much is there?  
Instructor : Dr David Roberts (retired head of Geology at Staffordshire University)  
Period : 2011 – 2012 (academic year)  
Locations : 6  
Attendance : 275

#### Student Lecture Tour Middle East

Topics : Minerals: Who needs them, who supplies them and how much is there?  
Instructor : Dr David Roberts (retired head of Geology at Staffordshire University)  
Period : 2011 – 2012 (academic year)  
Locations : 4  
Attendance : 137

#### Student Lecture Tour Middle East Iran

Topics : Shale Gas Perspectives  
Instructor : Dr István Vetö (Eötvös University Budapest and member of the SLT EU GASH lecture team)  
Period : 2011 – 2012 (academic year)  
Locations : 4  
Attendance : 124

#### Student Lecture Tour Latin America

Topic : Which Energy Resources for our Future? A Challenge for a Sustainable Development  
Instructor : Prof Christian Chomat (Total Professeurs Associés)  
Period : 2011 – 2012 (academic year)

Locations : 7  
Attendance : 308

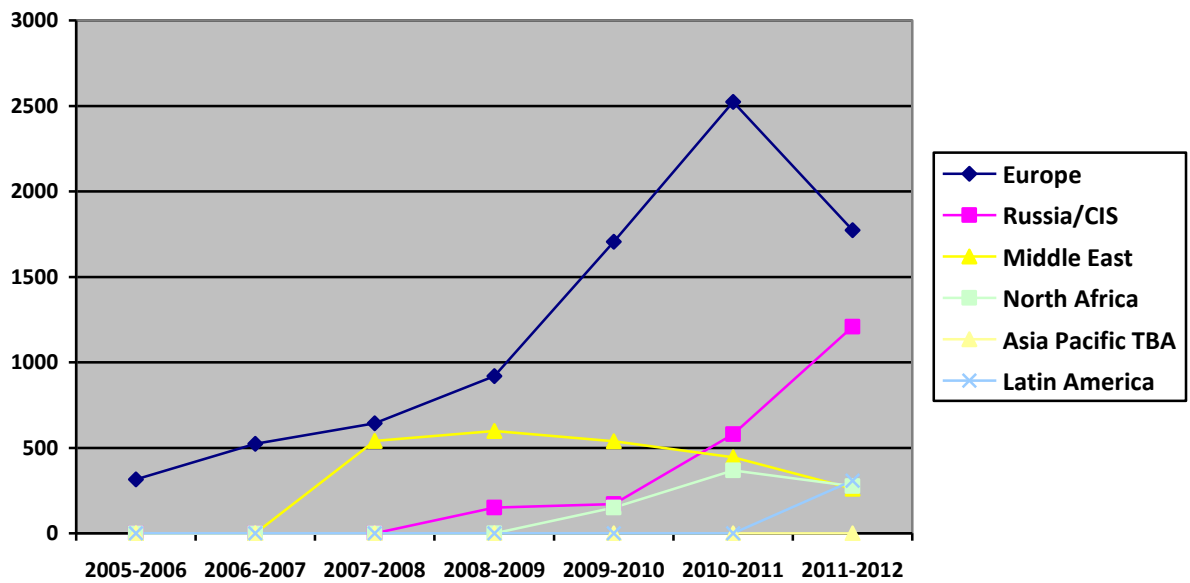
Student Lecture Tour Asia Pacific

Topic : Seismic Imaging Fundamentals with Asia Region Case Studies  
Instructor : Dr Deva Ghosh  
Period : May 2012 – December 2012  
Locations : 11  
Attendance : ~718



Student Lecture Tour Bandung, Indonesia 2012

## Student Lecture Tour participation

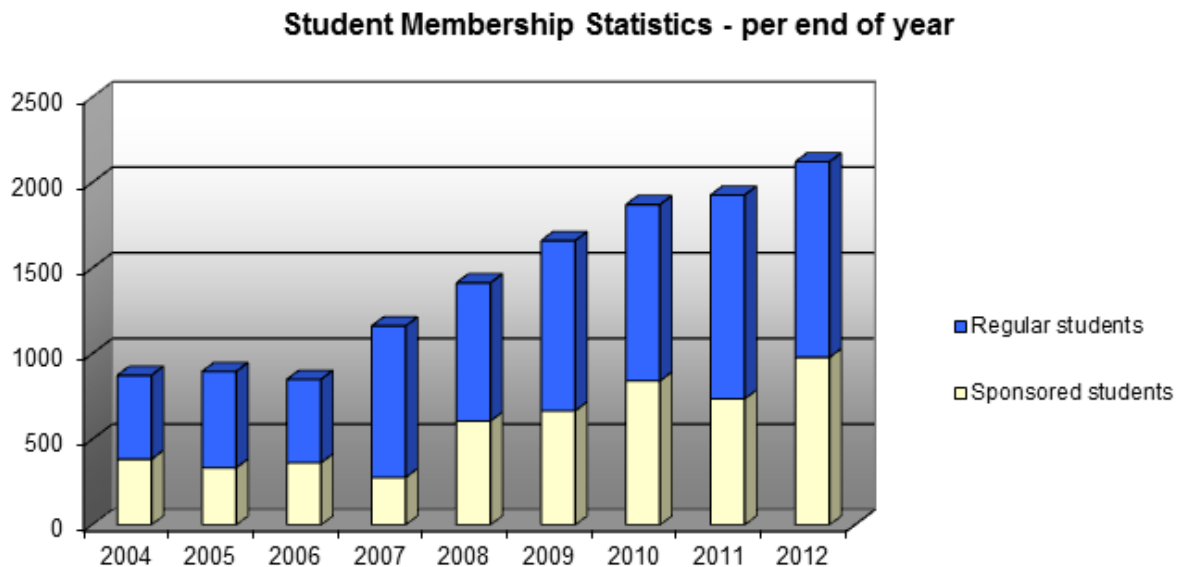


Student Lecture Tour Prague, Czech Republic 2012

### 3.3 Student Memberships

Students in geoscience, engineering and related earth sciences can apply for a one year free membership.

Overview sponsored student members & regular student members



### 3.4 Student Programme at Annual Conference

Student Programmes at international conferences are an important element for the EAGE Student Fund activities. In 2012 almost 400 students participated in the Student Programme 'Building Your Future' at the Annual Conference in Copenhagen. The programme gave the students the opportunity to attend workshops, to go on a field trip to a drilling rig, to participate in the Geo-Quiz and to visit the Job Centre where they could participate in a trial interview. All students with travel grants contributed either to the main Technical Program or the Student Programme poster sessions.

### 3.5 EAGE Forum on Students and Young Professionals

Abu Dhabi was from 8 to 9 October 2012 the location of the inaugural EAGE Forum on Students and Young Professionals. The non-technical event served as a platform for students and young professionals to discuss and address concerns of students vis-à-vis the experiences of young professionals in the industry. 104 participants visited the event in the United Arab Emirates.

### **3.6 Support for Student Initiatives**

Student activities such as student conferences, field trips and other educational activities are supported by the EAGE Student Fund:

- North British Student Forum
- PDPU
- IGSC
- Belgrado Field trip
- Berlin Field trip
- Geosphere Krakow

### **3.7 Student Travel Grants**

Student Travel Grants are given to enable students from all over the world to travel to the Annual Conference and international conferences in the regions.

#### Annual Conference Copenhagen

Travel grants have been granted to 87 students to attend the Annual Conference in Copenhagen in June 2012.

#### Regional Conference St. Petersburg

13 students received a travel grant to visit the April 2012 Saint Petersburg Conference.

#### KazGeo Kazakhstan

10 Students visited KazGeo from 29-31 October 2012 in Almaty, Kazakhstan, with a travel grant.

### 3.8 Field Challenge

In 2012 the EAGE FIELD (Fully Integrated Evaluation and Development) Challenge has been organised for the second time. Twenty-two university teams submitted a 2000-3000 words essay on a certain topic of which six teams were elected to participate in the final during the Annual Conference in Copenhagen. Unfortunately, the team from Pakistan wasn't present, which is why there were only five teams participating in the final round. In Copenhagen the students had to present their analysis and proposal for a FIELD development plan for a discovered hydrocarbon resource in front of a jury. Each university team had been given the same sponsored dataset to work on. The winning team took home € 3,000; all finalist teams received 3 travel grants each to attend the Annual Conference.

University	City	Country	
Aalborg University	Esjberg	Denmark	Finalist
Azad University of Omidieh	Orumieh, West Azerbaijan	Iran	
Ecole Nationale Supérieure de Géologie de Nancy	Vandœuvre-les- Nancy	France	
Eotvos Lorand University & University of Miskolc joint team	Miskolc	Hungary	
Gadjah Mada University	Yogyakarta	Indonesia	
IFP School	Rueil Malmaison	France	Finalist
Indian Institute of Technology Bombay	Bombay	India	
Indian School of Mines	Dhanbad	India	Finalist
Institute of Technology Bandung	Bandung	Indonesia	
Institute of Technology Bandung	Bandung	Indonesia	
NED University of Engineering & Technology	Karachi	Pakistan	Finalist
Norwegian University of Science and Technology (NTNU)	Trondheim	Norway	
Novosibirsk State University	Novosibirsk	Russia	
Pandit Deendayal Petroleum University	Gandhinagar	India	
Petroleum Institute (Boys campus)	Abu Dhabi	U.A.E.	Finalist
Samara State Technical University	Samara	Russia	
Tyumen State Oil and Gas University	Tyumen	Russia	
Universidad Industrial de Santander	Bucaramanga	Colombia	
Universidad Nacional de Colombia	Bogotá	Colombia	
University of Bucharest	Bucharest	Romania	
University of Calgary	Calgary	Canada	Winner
University of Ibadan	Ibadan	Nigeria	

### 3.9 Geophysics Boot Camp

The first edition of the Geophysics Boot Camp was organised in 2011 to address the needs of academia and industry. The objective of the Boot Camp is to enable students and young industry professionals to get valuable experience in geophysical operations including reflection and refraction seismic, gravity, electromagnetic, and magnetic methods. The second edition will take place in Emlichheim from 29 April-11 May 2013.

### 3.10 Student Chapters

EAGE has 25 active Student Chapters, from Calgary to Novosibirsk. EAGE Student Chapters provide a platform for geoscience students to meet, exchange ideas and initiate activities supported by the EAGE. A Student Chapter starts with 15 students from one university or region, a faculty advisor who is EAGE member and at least one (local) sponsor. More students can then join throughout the year, participating in the growth of the chapter and the increase in activities. An EAGE Student Chapter offers ten free memberships to students. Furthermore, the Chapter offers participation in the online Geo-quiz competition which can lead to full travel support to the Annual Conference for 3 members of a Local Chapter, financial support for local EAGE student events, the opportunity to publish in EAGE journal First Break and the opportunity to host Student Lecture Tours. In 2012 the winning teams of the Geo-quiz competition were the University of Calgary, University of Leeds and Kyiv Taras Shevchenk University.



Former EAGE Presidents Phil Christie and Mahmoud Abdulbaqi at the Geo Quiz in Copenhagen 2012



## 4. Additional information

### 4.1 Calendar of events 2013

Highlights:

25-27 January	Student Support Event GradSchool Conference – Edinburgh, United Kingdom
22 February	Student Support Event 'Core, Crust, Climate & Industry' – Utrecht, the Netherlands
18-19 March	Student Conference Programme PGCE – Kuala Lumpur, Malaysia
26-28 March	Student Conference Programme IPTC – Beijing, China
08-11 April	Student Support Event LAGSC – Medellin, Colombia
25-28 April	Student Support Event – Berlin, Germany
29 April-11 May	Geoscience Boot Camp, Emlicheim, Germany
9-11 May	Student Support Event 'GAP' (Geophysical Activity Programme) – Münster, Germany
10-13 June	Student Conference Programme 'Fast Forward' – London, United Kingdom

Student Lecture Tours scheduled for 2013:

#### Student Lecture Tour Europe

Topic Basin and Petroleum Systems Modeling: Technology and Application for Petroleum Exploration Risk and Resource Assessments  
Instructor Dr Bjorn P. Wygrala (Schlumberger Aachen Technology Center)  
Period 2012 – 2013 (academic year)  
Locations ~50 in 2013 (the SLT EU will also go to Canada)  
Supported by EAGE Student Fund and Schlumberger

#### Student Lecture Tour North Africa

Topic Gradual Change of Fossil Energies vs. Alternative Energies  
Instructor Dr Louaï Machhour (Total Exploration-Development)  
Period 2012 (December) – 2013 (Spring)  
Locations ~8 in 2013  
Supported by EAGE Student Fund and Total

#### Student Lecture Tour Middle East

Topic The Energy Resources in the Middle East; Yesterday, Today and Tomorrow  
Instructor Dr Louaï Machhour (Total Exploration-Development) & Dr Bernard Fourcade (Total Professeurs Associés)  
Period 2012 (December) – 2013 (Spring)  
Locations ~8 in 2013  
Supported by EAGE Student Fund, Total and Total Professeurs Associés

#### Student Lecture Tour Latin America

Topic Which Energy Resources for our Future? A Challenge for a Sustainable Development

Instructor Professor Christian Chomat (Total Professeurs Associés)  
Period 2012 (December) – 2013 (Spring)  
Locations ~8 in 2013  
Supported by EAGE Student Fund, Total and Total Professeurs Associés

Student Lecture Tour Russia/CIS

Topic TBC  
Instructor TBC  
Period TBC  
Locations ~15 in 2013  
Supported by EAGE Student Fund

Student Lecture Tour Asia Pacific

Topic TBC  
Instructor TBC  
Period May – December  
Locations ~15-20 in 2013  
Supported by EAGE Student Fund

2012 Copenhagen Student Programme “Build Your Future”

