

AFRICALICS



I.S.G.P

THE AFRICAN NETWORK FOR ECONOMICS OF LEARNING, INNOVATION,
AND COMPETENCE BUILDING SYSTEMS



2nd AfricaLics Academy

Bordj El Kiffan - Algiers

20 au 31 Octobre 2013

Report



ceVital





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EXECUTIVE SUMMARY

The African Network for the Economics of Learning, Innovation, and Competence Building Systems (AfricaLics) held its inaugural 2 weeks Ph.D. Academy on Innovations and Development in Nairobi, Africa. The second AfricaLics PhD academy was conducted from the 20th to the 31st October 2013. The purpose of the Academy was to support the training of African Ph.D. students engage in research on innovations and technology systems to develop and stimulate their policy awareness and management issues related to their fields of research. This second Academy brought together 19 students from 14 countries and 11 instructors. It targeted mainly French speaking countries in Africa. The academy was opened with an inaugural colloquium with participation of researchers, students and policy makers. The training was delivered via lectures, seminars, roundtable discussions and critical review of students’ research by fellow students and senior scholars. The different sessions were structured in a way to encourage active discussion among participants in order to enhance their critical thinking about African Contemporary issues. All 19 AfricaLics students were issued certificates of participation on 31 October 2013 upon successful completion of the 2 weeks training. This report highlights the deliberations as well as other non-academic activities that contributed to a successful training.



THE SECOND AFRICALICS ACADEMY IN ALGIERS, ALGERIA

1. Background

History

The idea to conduct the second AfricaLics academy in Algiers was based on discussions during the All African seminar in Tanzania (2012), where it was felt that the language split of the African continents because of colonial legacy could be a problem. Africa inherited three main languages at least: English, French and Portuguese. The idea was introduced that Anglophone and Francophone parts of Africa could have separate sessions of the AfricaLics academy: the first in Nairobi (Kenya) and the second in Algiers (Algeria). This choice proved right as the first AfricaLics Academy in Nairobi had hardly any representative from North and West Africa (both French speaking).

The second AfricaLics Academy was initially planned during the 16-20 April 2012. Unfortunately, a terrorist attack on the oil fields of Hassi Messaoud (1300km south of Algiers) raised the safety issues of both students and lecturers. It was decided to postpone it to the 20-31st October period.

The academy was prepared in two stages: the first stage, which took place in April 2012, was in the form of an international seminar directed towards local students but with senior researchers and professors from the North African region. This seminar was hosted by the Higher Institute of Management and Planning (ISGP) in Algiers and funded exclusively by this institute. The objectives was to assess how big is the research community on the Innovation and development issues in the North African region, to preselect the Algerian students, and finally to test the capacity of the ISGP in hosting the second AfricaLics Academy.

Subsequently, the Second AfricaLics Academy was launched in Algiers, Algeria, in October with support from the worldwide research network, The Global Network for the Economics of Learning, Innovation, and Competence Building Systems (GlobeLics), <http://www.globelics.org/> which brings together scholars interested in innovation studies.

The main objective of AfricaLics (an African chapter to GlobeLics) is to promote the development of research capacity in Africa with strong links to users – including policy makers and private sector – through research training and research project organized support. One long-term aim is to enable Africa to become



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more self-sufficient in studying, monitoring and evaluating its innovation activities and systems through an evidence-based policy orientation for the betterment of society. The work of AfricaLics intends to complement the research and capacity building activities of other players in innovation studies both in the academic and policy arena.

AfricaLics has lined up a number of activities in order to achieve its objective of promoting the development of research capacity in Africa in the field of innovation and economic development. These include regional based PhD Academies planned as part of the endeavor to support the training of African Ph.D./Masters students engaged in research on Innovation and Technology Systems for Development and stimulate their awareness of policy and management issues related to this field of research. These Academies aim to host students selected primarily from Africa and small number of students from the rest of the world. It will be a regular event to take place each year in a different region in Africa. The facilitators will be drawn from frontier researchers in innovation and development from around the world and will be expected to provide lectures and mentor the selected students.

Location of the second AfricaLics academy

The second AfricaLics academy took place at the Higher Institute of Management and Planning (ISGP), which is located in Bordj El Kiffan at about seven km from Algiers the capital and at 10 minutes from the Houari Boumediène Airport. Bordj El Kiffan is a sea resort and its former name under colonial rules was Fort de l'Eau, in reference to an ancient fortress which still exists. It is linked to the capital city Algiers by a motorway, a tramway and an underground.



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The ISGP was created in 1984; it is currently under the authority of the Ministry of Finance. Its vocation is the training of students at Master's degree level and Postgraduate Diploma. It is specialized in Professional diplomas for civil servant, enterprises, and the training of policy makers. It has a course on Management of innovation and has started research activities at PhD level in recent years. It is located in the town of Bordj El Kiffan.

Address of ISGP

Rue Hadj Noureddine BAHA (Ex. LIDO)

BP179 Bordj-El-Kiffan - Alger

Tel : (+213 21) 20.42.28 - 20.58.95 - 20.58.81 . Fax : (+213 21) 20.33.47 - 20.32.70 - 20.14.43 - 20.38.08 - 21.59.52

E-mail: isgp1@isgp.dz - isgp2@isgp.dz --- Website: www.isgp.dz - www.isgp-dz.com



2. Highlights of the Academy

The second Africalics Academy “Emerging Innovation systems for development and Innovation Management in Africa” was initially planned to take place in the 16th April – 28th April 2013 period, but was postponed for security reasons to the 20th to 31st October period at the Institute of Higher Education and Planning (ISGP) in Algiers.

2.1 Call for Applications and Review process

A call for applications to the AfricaLics Academy Innovation and Development in Africa was rolled out in February 2013 (See Appendix 1). The local organizing committee received About 50 applications from various part of Africa and mostly from North and West Africa.

The evaluators used the following criteria to select the papers: relevance in terms of topic and content as well as quality, regional distribution and gender consideration. At the end, a list of 30 students were selected from 10 countries from North and West Africa and from Nigeria, Ethiopia, France and Portugal. All students are preparing their PhD thesis. All 30 students were informed that they could participate in the academy.

In the end, only 19 students could attend: the remaining 11 were not able to come for various reasons: three local students were absent for illness, (one student gave birth during the period) while the eight foreign



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students suffered several problems (visa procedure, difficulty in advancing the money for their tickets, etc.). The 19 students were from French speaking Africa: from North Africa (Algeria, Tunisia and Morocco) and from West Africa (Senegal, Cameroun, Burkina Faso, Benin and Mali). We thus have a relatively good representation of West and North Africa which are the regions targeted by the second Africalics Academy. (Two from Nigeria and one student from Ethiopia), one student from Portugal; fluent in French. (See appendix 1 for the list of students).

2.2. Opening Colloquium of the Academy

The opening colloquium marked the official starting of the Academy. It was on the theme “Emerging Innovation Systems in Africa: Models, Trajectories and Challenges”. The opening speech was made by Dr. M’hamed Raked, the Director General of the Institute (ISGP). Prof. Bengt Ake Lundvall, Secretary General; Globelics; Aalborg; Denmark who presented Globelics and Africalics in his welcoming speech. The final welcoming speech was made by Prof. Abdelkader Djeflat, Coordinator of the Academy and Vice-President of Globelics for Africa and the Middle East who presented the 2nd Africalics Academy in Algiers.

The Keynote speech of the colloquium was delivered by Prof. Bengt Ake Lundvall, while the other papers were presented by Prof. Abdelkader Djeflat, Prof. Banji Oyeyinka, Dr. Benmahamed Djillali from Algeria, Dr. Margrethe Holm Anderssen, Senior Advisor (Aalborg University) and Prof. Christian Harbulot, Director of the Ecole de Guerre Economique of Paris (France). Another contributor Dr. Belkacem Habba took part by visio-conference from the Silicon Valley in the State. (See Appendix 3) for details. A long debate took place after the presentation. More than one hundred participants from Academia, the business world, from politics and administration as well as the media attended the colloquium.

The Courses and seminars were held at the Institute using its own facilities. The colloquium took place in a big auditorium and the Academy lectures and seminars in a dedicated lecture room.

2.3. The Training Programme and Themes

The Training programme was structured to accommodate lectures, seminars, workshops, students’ presentations, commentaries from fellow students and senior scholars and adequate time for discussion (Details, Annex 3). The Themes covered major issues relevant to Africa’s innovation and development, some of which are highlighted herein. In total eight courses on basic and fundamental issues, six course on methodological issues and seven seminars.



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2.4 Lectures

The academy attracted both local and international lecturers who facilitated the different sessions/activities. There were in total 11 instructors from 11 different countries who played different roles that included delivering lectures, seminars, workshop discussions and Prof.commentators. The list included Prof. Lundvall Bengt Ake (Danemark), Prof.Djeflat Abdelkader (Algeria), and Prof.-Muchie Mammo (Ethiopia), Prof.Oyeyinka Banji. (Nigeria), Prof.Vera-Cruz Alexander (Mexico), Brundenius Claes (Sweden), Prof.Gault Fred (UK), Dr. Goedhuys Micheline (Belgium), Dr. Holm Andersen Margrethe (Denmark), and Dr. Kingiri Anna (Kenya) (for bios see appendix 5).

The academy used both French and English in spite of the fact that most students were Francophone. Interpreters were used whenever necessary. Surprisingly, several non-francophone colleagues from GlobeLics gave their talks in French (Bengt Åke and Margrethe) and only two students could not follow English lectures and needed translation.

Lectures were delivered as part of seminars lasting 1-2 hours and targeted the students only, while workshops were open to other invited participants like policy makers and academics. Comments and discussion during the lectures was encouraged which made students to be very interactive accompanied by intensive discussions.

Three major sections:

1 - Basic and Fundamental themes:

- The history of innovation systems thinking
- Innovation systems and economic development: key concepts
- Uneven Paths of Development: Learning, Innovation and Policy in Asia and Africa
- Clusters, SMEs and Development
- Culture of the firm and learning. The Management of Innovation?
- Emerging Innovation Systems in pre-catch up countries
- Innovation indicators
- STI Indicators - with a special focus on R&D statistics,

2 - Research Methodology

- Innovation and research methods /Survey methods
- Using econometrics to link innovation and development
- research methodology and research design for case study analysis / -
- Qualitative research in STI studies: methods, instruments and issues in an African setting
- Support and discussion related to the organization of the thesis work
- Issues in quantitative research in innovation studies in Developing Countries



2.5 Seminars and workshops

The seminars were aimed at addressing some questions that are at the core of African development. They covered contemporary themes and challenges in Africa's innovation and development agenda. They intended to provide students with the most updated knowledge on innovation studies, with particular reference to current issues in Africa. The seminars were provided by world experts in the field and were structured in such a way that students actively participated in the discussion. This allowed them to develop their critical thinking about African contemporary issues.

List of Seminars

- Emerging innovation systems in Africa
- The Epistemic Virtue of the Innovation Approach to re-think and Re-Design African Development
- User-led innovation/ innovation policy
- Creativity, innovation and entrepreneurship for venture creation in Africa
- STI for social inclusion in Africa: some considerations for new approaches.
- STI Indicators - with a special focus on R&D statistics: exercises”
- Innovation and engineering

Workshops were intended to address issues in African innovation and development as well as policy; directly focusing on questions debated between scholars and practitioners of innovation from various institutions: universities and research institutions, enterprises and administrations. The issues debated relate to the possible linkages between the research and the decision-making spheres and what are the obstacles which need overcoming in an African setting. They also highlighted new research areas that needed investigating. Students were encouraged to take part actively in the discussions. This was done via short presentations by policy-makers and practitioners (about 10 minutes each), leaving plenty of time for intensive discussion and brainstorming with lecturers and students. The idea behind these sessions was to familiarize participants with debating skills, create an interactive and inclusive environment for discussion, and provoke creative thinking on un-resolved issues in the African research and policy agenda.

The three workshops, which took place during the Academy, saw the participation of local experts from industry, from university, research centers and from institutions in charge of research and innovation planning. The three themes were:

1/ The Management of innovation and entrepreneurship: What prospects for an innovation based competitiveness in the South?

2/ Innovation experiences in dynamic sectors in North Africa: Pharmaceuticals, ICT, Agro-food, renewable energy.

3/ Research, Innovation and University-Industry linkages for inclusive development and competitiveness.

List of invited practitioners who gave presentations:



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Hocine Hadjiat (expert on industrial innovation), Abdelwahab Bennini (former Director of the Nuclear Research Centre), Mokhtar Aiad (Director General of Technosoft), Francine Masson (Canadian expert on innovation) (by video from Montréal), Maiouf Belhamel (former Director of the Research centre on Renewable Energy: CDER), Mohamed Abdelli (Engineer ECFERAL Cie), Nacéra Abdoun, Ahmed Boubakeur, M.Bousbia, K.Adnan (Ecole Nationale Polytechnique, Algiers), M.Bensaoula, M.Bouaiche, M.Nezla (Anvredet) , A.Bellaouane (entrepreneur).

Both the seminars and roundtable discussion sessions (workshops) were advertised through different channels to potential participants prior to the training (see programme for details). These sessions attracted a number of practicing scholars and policy makers.

Student sessions comprised of presentations for 20 minutes, 10 minutes comments from student commentator who had read the paper in advance, 10 minutes comments from professors and about 5 to 10 minutes wrap up discussion from the audience. Throughout the Academy, at least one (usually more) representatives of local organizing committee were present during the lectures and sessions. In many instances, more than one professor joined the lectures and sessions. Some PhD students from local universities attended some of the lectures.

Documents needed for the conference like students' abstracts, papers and presentations as well as papers provided by lecturers and their presentations were prepared well in advance before the sessions. Some lecturers requested print outs before the lecturers which was done by organisers. Some of these materials were available at the Globelics Academy website before respective sessions took place (where availed by lecturers and students).

2.6. Social events

Three major social events took place:

- the dinner of the opening colloquium at a nearby traditional restaurant
- an excursion to the Roman ruins in Tipaza, about 70 Km West of Algiers
- a closing dinner where the diplomas were given to students as well as the award of the best paper which was shared by two students.

2.7. Media coverage:

The second AfricaLics academy benefited from a broad and intensive media coverage during the event and after. The academy and the opening colloquium were reported in eight newspaper (some highly influential) as well as the Algerian Press Agency (Algérie Press Service). Long interviews with Bengt Ake Lundvall and Abdelkader Djeflat were also published simultaneously in three or four papers. Radio programmes dedicated to the Academy were also broadcasted during and after the Academy.



2.8 Outcomes related to the training

Overall, the academy was highly successful as indicated by the level of satisfaction expressed by the students and colleagues from Globelics in the evaluation of the academy.

The novelties in this academy were as follows:

- the bilingual dimension which worked out very well,
- the importance given to lectures on methodology (6 out of the 14 lectures)
- the introduction of the video conference for distant lecturing
- Wide diffusion of the Globelics activities in the country where many scholars and policy scholars now know what the network is all about.

This is on top of the usual outcome:

- the support given by the Higher Education and Research which recognized the importance of the training organized by Globelics
- The high level of interaction between the instructors and students.
- Students commenting on each other's work reflected a high level of engagement as well as interest.

3. THE EVALUATION SURVEY

3.1 Background

In the first to the second week after the Academy an anonymous survey was carried out among students, lecturers and organizers aimed at collecting feedback and ideas for future events. Reminder notifications were sent out twice. Overall response rate was at about 91 percent.

3.2. Structure of the survey

The survey was structured in three parts. One part that was to be answered by both students and instructors (lecturers and organizers): This part comprised of;

- Overall evaluation of the course and program
- Coverage of particular thematic and methodic aspects
- Open comments

The second part was for students and captured;

- Usefulness of particular program aspects
- Assessment of potential change of time and attention distribution between different program parts

- Assessment of support related with other program modifications
- General individual information concerning study conditions, progress and professional aspirations

The 3rd part was for instructors and focused on;

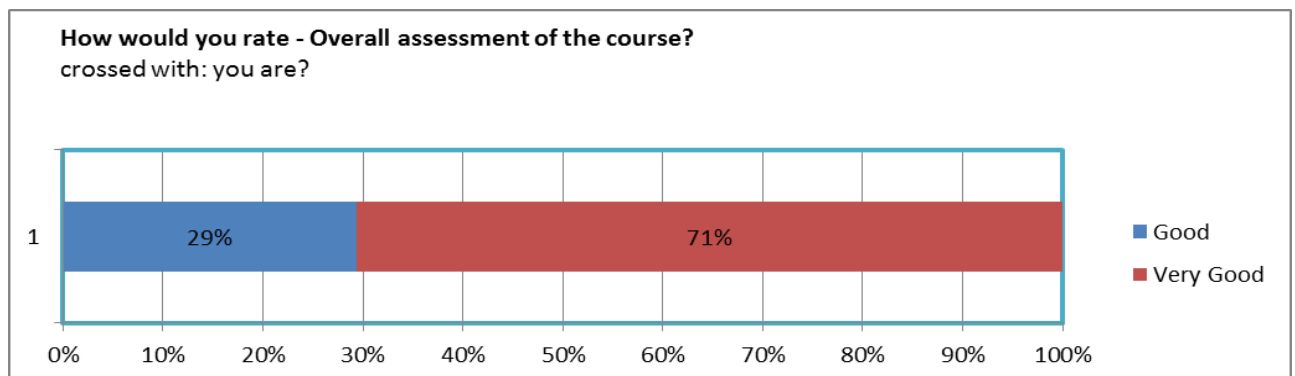
- Assessment of availability for future academies
- Interest in engaging more intensively into particular parts of the program

3.3. Results of evaluation survey

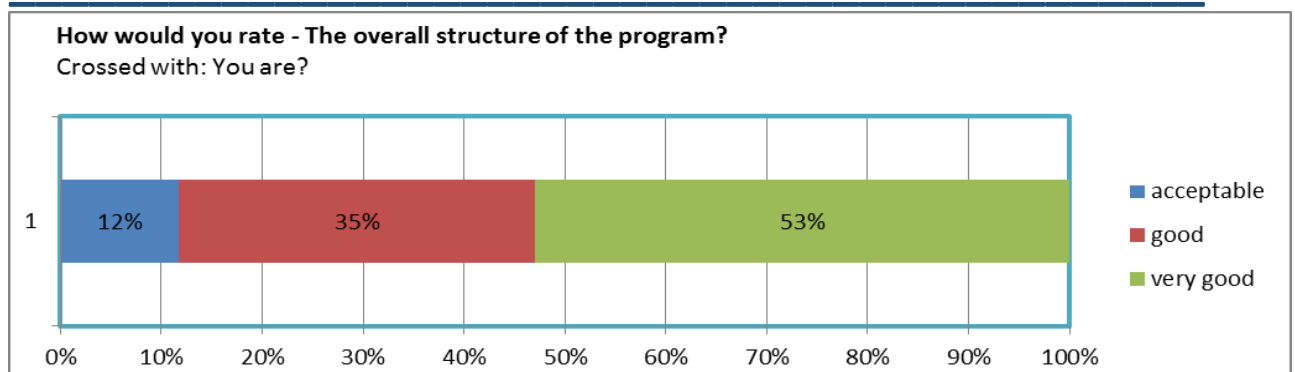
30 questionnaires were distributed. 11 to lecturers and 19 to students: seventeen students responded.

Student results

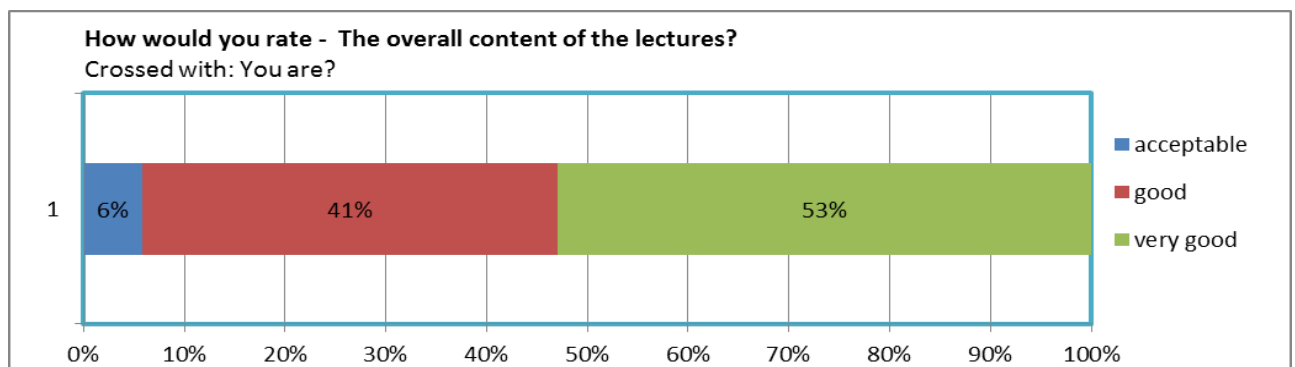
As shown in the results below overall participants were satisfied the academy and academy's structure. The overall contents of the lectures received positive evaluation by the students. Majority of students agree that overall innovation theories received enough attention. There are two questions where a minority of students were not satisfied and which require some attention in the future: the theories of development input (18%) and the quantitative dimension of methodology.



Majority of students (71%) were satisfied with the academy.

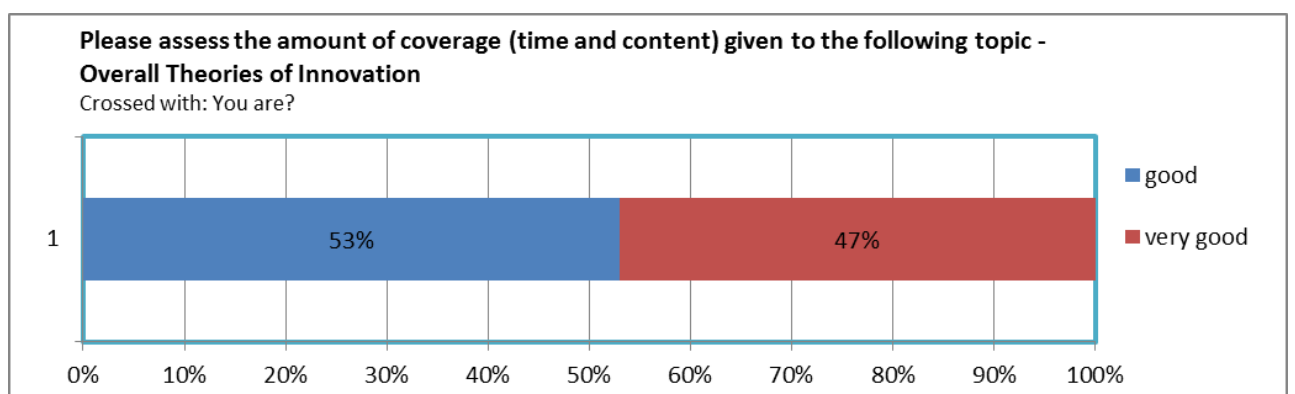


Majority of the student were satisfied with the academy structure.

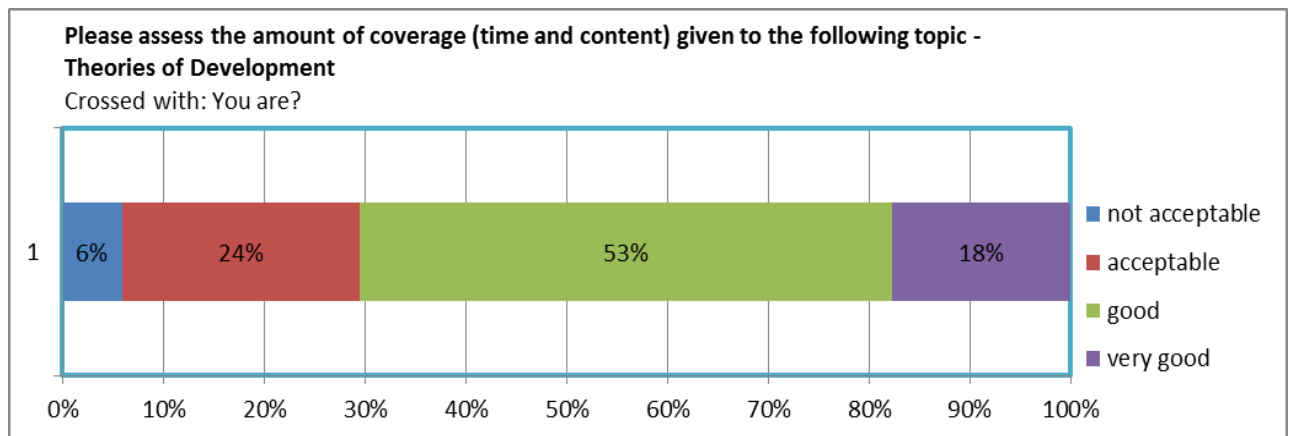
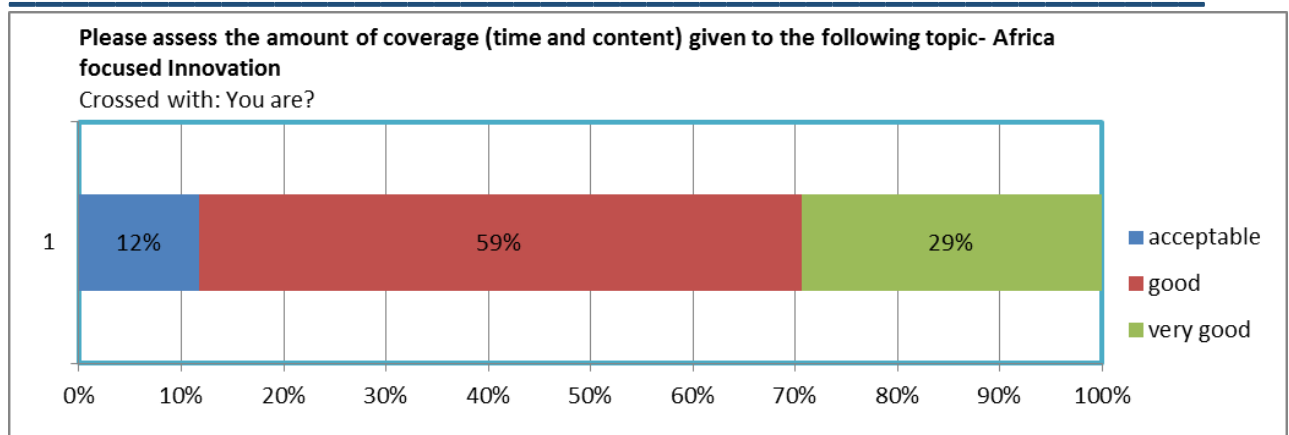


Overall content of the lectures received positive evaluation from the students.

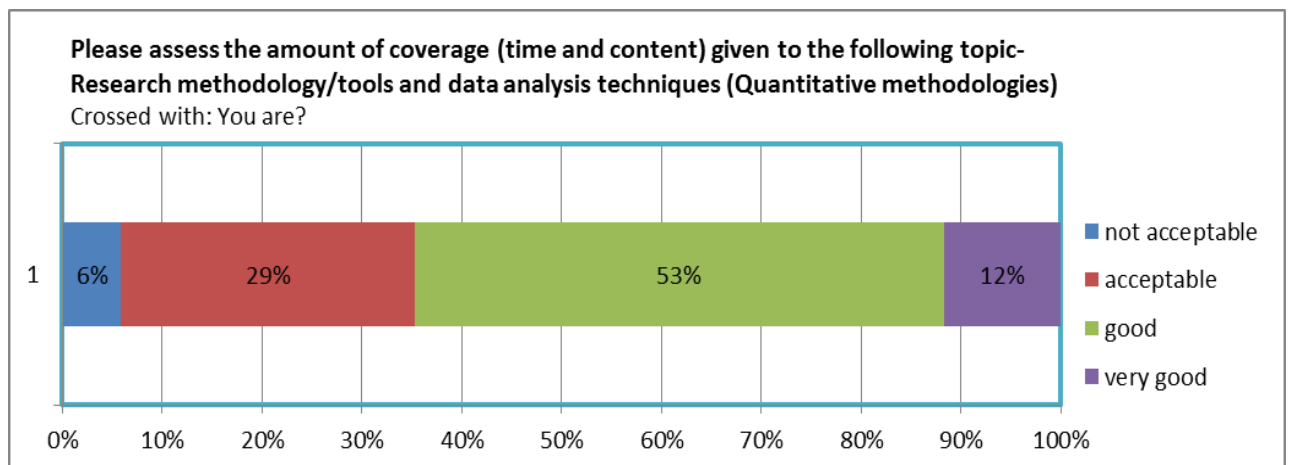
Coverage of individual thematic and methodological aspects

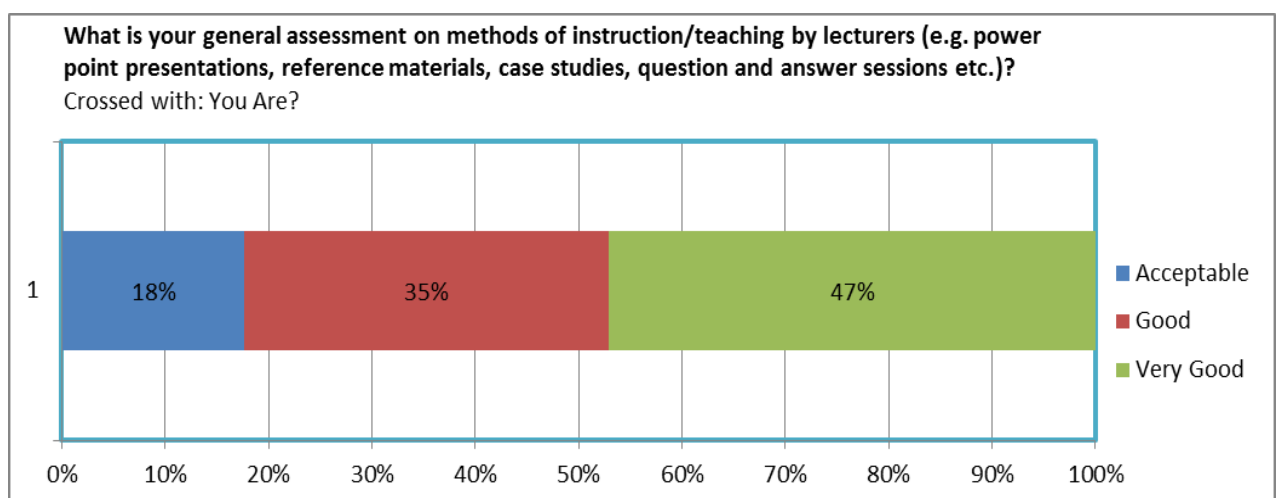
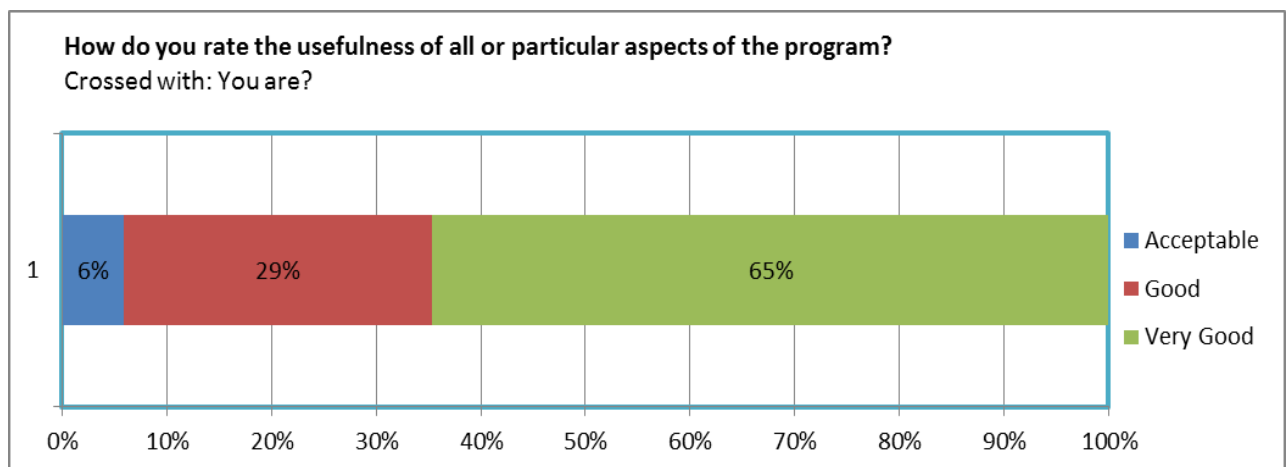
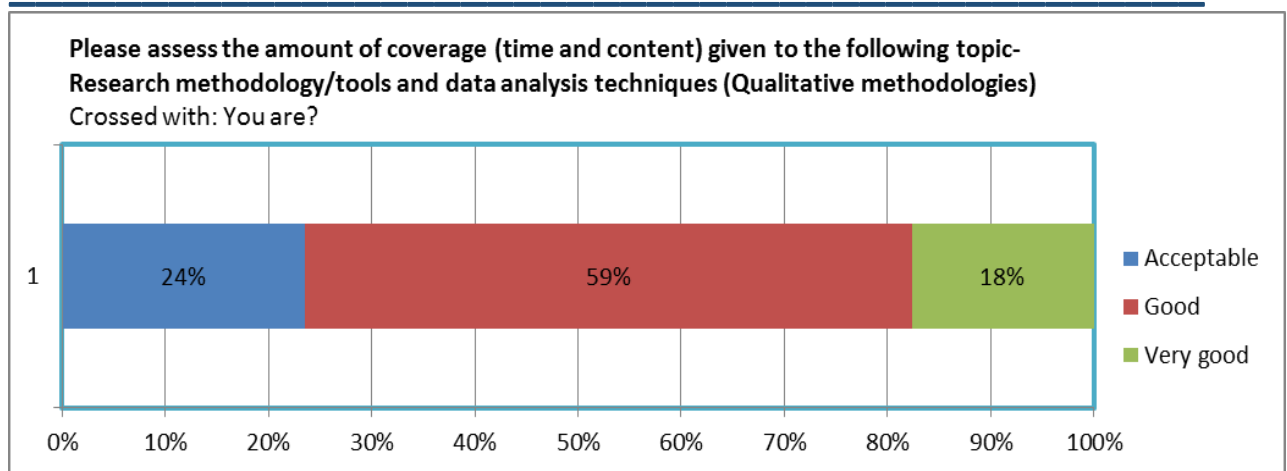


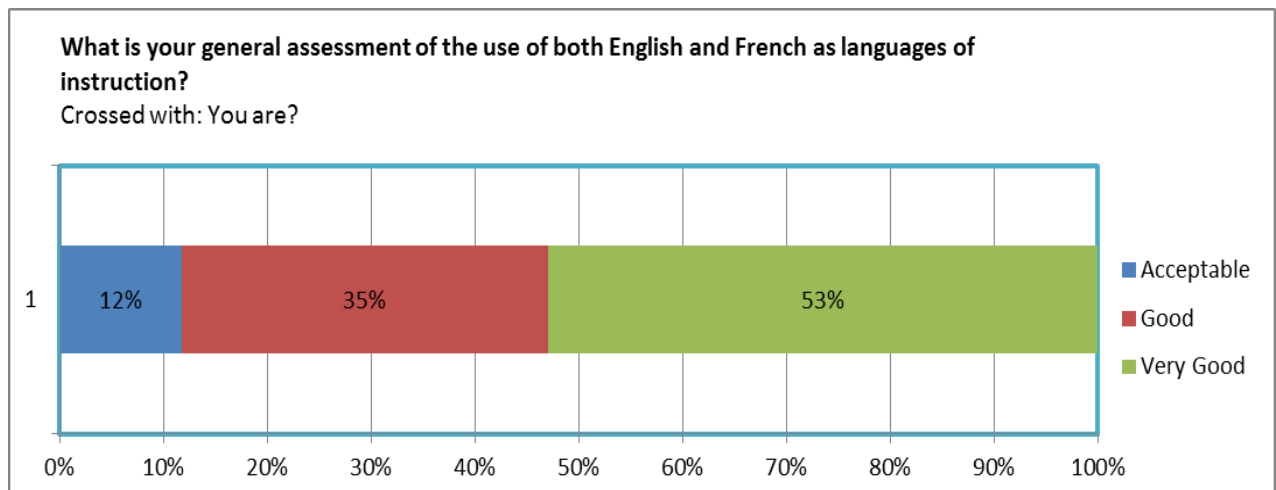
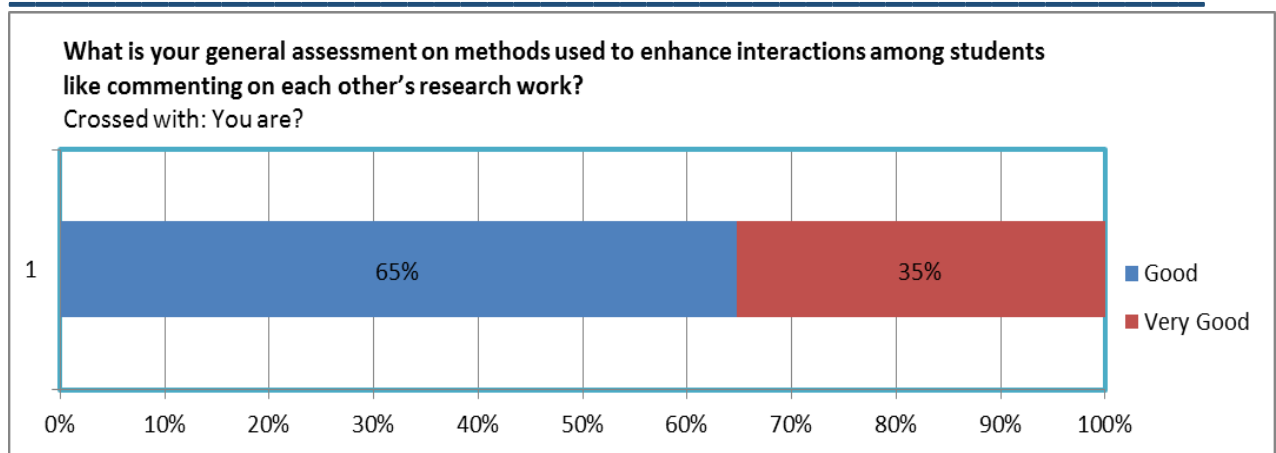
Most of the students agreed that overall innovation-theories received enough attention.



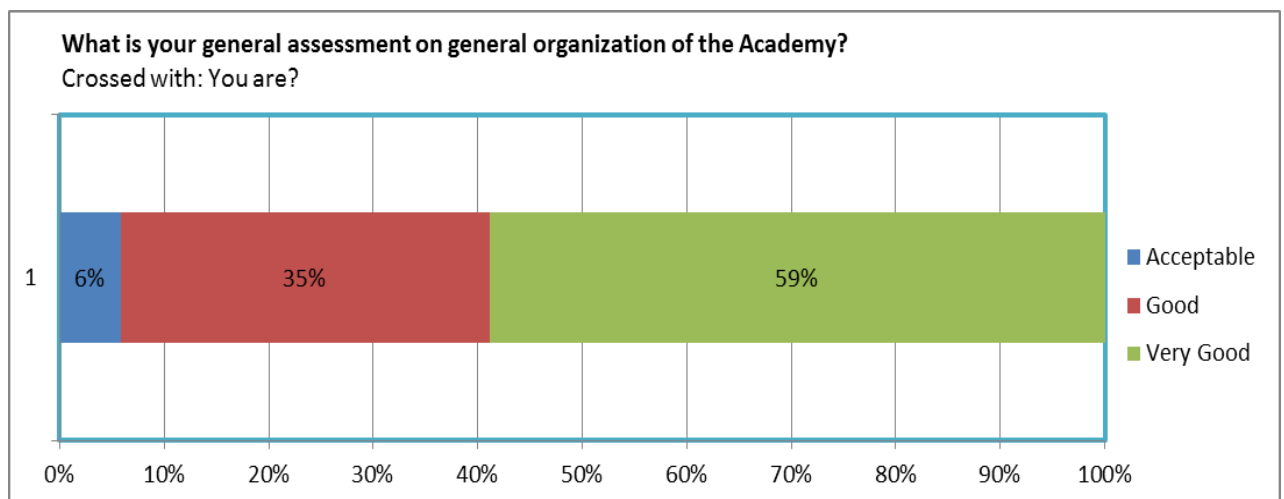
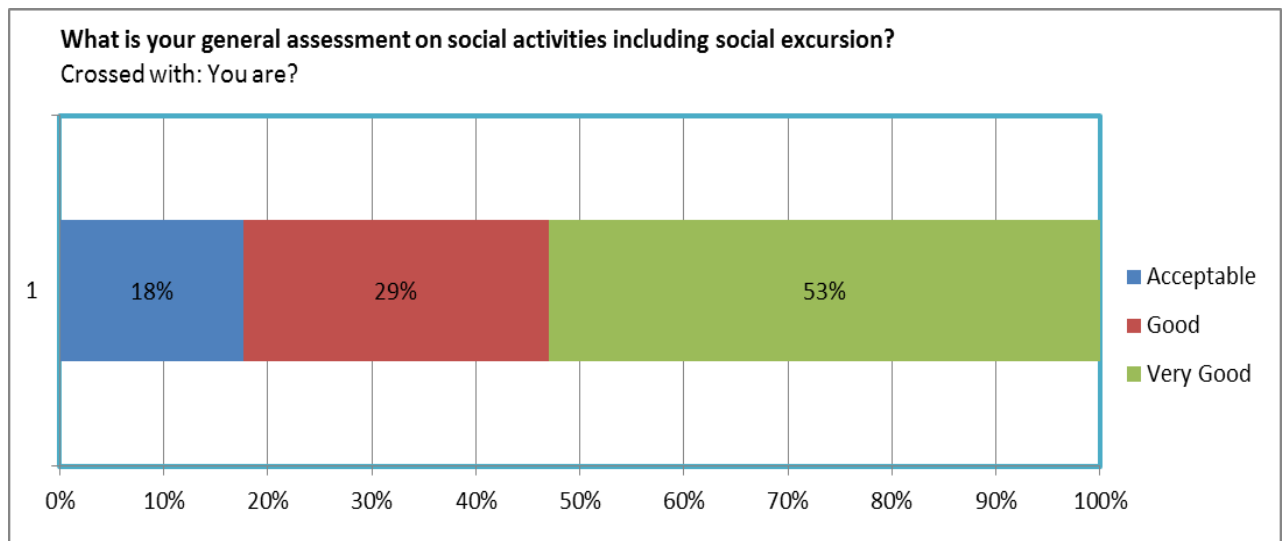
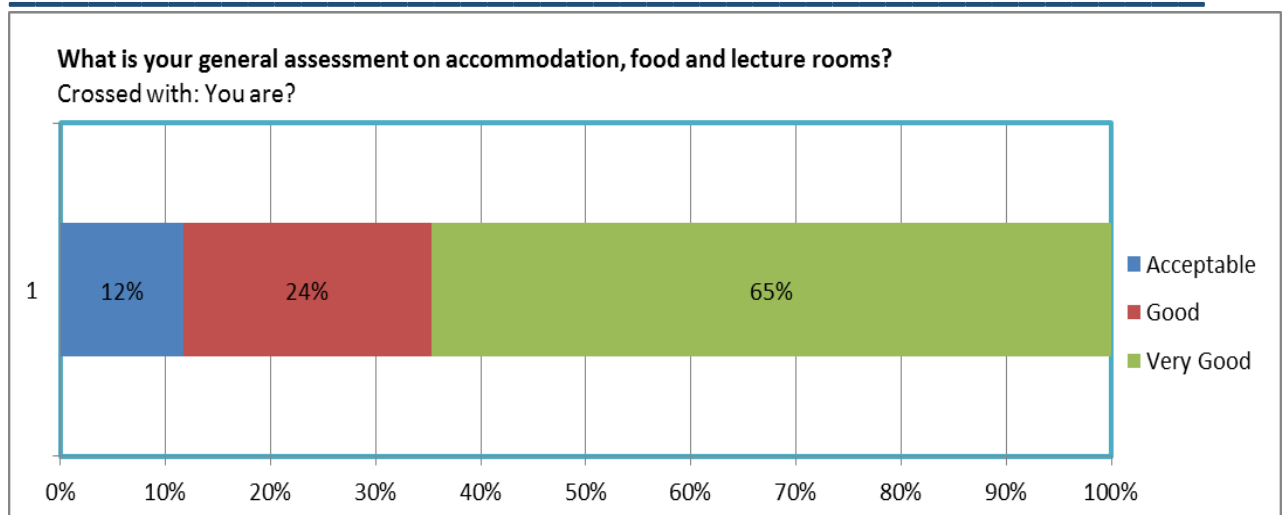
Although the majority of students agreed that Africa-focused innovation issues and theories of development, received enough coverage, there is also a significant number of respondents, who wished a stronger coverage of these topics.







Most of the students were happy with the method of instruction, interaction and use of both French and English at the academy.





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Majority of the student were satisfied with the accommodation, food, lecture rooms, social excursion and overall organization of the academy.

Lecturers results:

(In the process of being finalized)

4. THE ORGANISING TEAM

4.1. Scientific Committee

Bengt Ake Lundvall, Abdelkader Djeflat, Mammo Muchie, Dave Kaplan, Bitrina Diyamett, Anna Kingiri, Banji Oyeyienka, Micheline Goodhyus, Watu Wamae, Erika Mbula

4.2. Organizing Committee

M'hamed Raked : Director General of the Institute

Rachid Grim: President Local Organizing Committee

Members : Oulebsir Smail, Ahmed Damou, Bouroubi Mustapha, Salah Guechtouli, Adel Seba and Mohamed Hannache

4.3. Globelics Secretariat (DK)

-Margrethe Holm Andersen : general issues and travel support grants for lecturers

mha@business.aau.dk

-Gro Stengaard Villumsen : Hotel accommodation issues gro@business.aau.dk

-Dorte Baymler : Reimbursement of travel costs db@business.aau.dk

-Nina Kotschenreuther: ninak@business.aau.dk (travel support grants for students)

5. FUNDING AND BUDGET

The academy benefited from three main sources of funding: Globelics Secretariat in Aalborg through the Sida grant, the host institution (ISGP) and local sponsors

5.1. Local budget

(By ISGP and sponsors)

Currency: Algerian Dinar (DA) (1euro = 108.712 DA)

	Expenses Amount DA/ HT	Source of funding	Amounts (DA)
Location of rooms			
Conférence room (Salle 25)	100 000,00		
Lecturing room (Salle 2bis)	960 000,00		
total rooms	1 060 000,00	ISGP	2 516 343,00
Accommodation of students (ISGP residence)		Cevital	300 000,00
	728 000,00	Anvredet	500 000,00
	70 000,00	CAT	250 000,00
	28 000,00	Red Med	330 000,00
Total Accommodation	826 000,00	Total sponsors	1 380 000,00
Student meals (breakfast and dinner)			
	624 000,00		
	60 000,00		
	24 000,00		
Lunches for lecturers	18 000,00		
Total meals	726 000,00		
Transport and excursions			
Day out in Tipasa	25 000,00		
Transport to opening and closing dinner	15 000,00		
Transports to and from Airports and hotel to ISGP	260 000,00		
Total transport	300 000,00		
Infographie & printing work			
Posters, roll-up and badges	52 200,00		
Syriography of bags	24 000,00		
Printing & photocopies	34 143,00		
Bags	62 500,00		
Others	37 500,00		
Total	210 343,00		



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Translation & interpreting	132 000,00		
Total	132 000,00		
Coffee-breaks	312 000,00		
Total	312 000,00		
Dinner for opening and closing ceremony	330 000,00		
Total diners	330 000,00		
TOTAL EXPENSES	3 896 343,00	TOTAL RECEIPTS	3 896 343,00

Total in euros : 35,852.71

5.2. Final budget (Globelics)

Currency: Danish Kroner (DDK) (1euro = 7.4605 DDK)

Travel support, students	33751
Travel costs, lecturers	46452
Hotel costs (lecturers only)	90321
Total amount funded by Globelics (Sida grant)	170524
Total in euros:	22856.91



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Appendices

Appendix 1



I.S.G.P



Emerging Innovation systems for development and Innovation Management in Africa

Call for papers and Invitation to research training

Second Globelics Academy, 20th – 31th October 2013, ISGP, Algiers

We are delighted to announce that the second **African Academy for Research Training on Innovation and Competence Building Systems** (AfricaLics Academy) will be held at ISGP, **20th – 31th October 2013**. AfricaLics is part the world-wide research network, The Global Network for the Economics of Learning, Innovation, and Competence Building Systems (Globelics), <http://www.globelics.org/>

The purpose of the AfricaLics Academy is to support the training of African Doctoral students engaged in research on Innovation and Technology Systems for Development and innovation management and stimulate their awareness of policy and management issues related to this field of research.

The Academy will host at about 35 students from Africa and a handful of students from the rest of the world. The Academy will invite frontier researchers in innovation and development and innovation management from around the world to provide lectures and mentor students. The topics of the lectures will cover specific issues within innovation studies and economic development and innovation management as well as research methods and innovation policy.



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AfricaLics academy sessions include the following activities:

- Lectures by senior researchers on areas ranging from research methodologies to the latest theories and empirical research in the fields of innovation, innovation management and development studies.
- Presentation by Doctoral students of their work which will be discussed by senior scholars which will give feed-back.

Host: ISGP which is the High Institute of Management and Planning with the collaboration of the Ecole Nationale Polytechnique of Algiers

Participants and qualification requirements

The number of candidates will be a maximum 35. To qualify for participation, the applicants should fulfill the following requirements:

- be at least in the beginning of his/her second year; (a limited number of students in their first year and preparing a Master degree can be considered)
- work explicitly on issues related to policy oriented analysis of science, technology and innovation systems and technology management;
- be able to present an original paper reflecting his/her research and/or thesis work;

Senior scholars to be invited include: Bengt-Åke Lundvall, (Denmark), Luc Soete (Belgium), David Kaplan (South Africa), Franco Malerba (Italy) and others including well known scholars from the region.

Submission

Participants must submit an extended abstract of no more than 5 pages for pre-selection. Abstracts should be typed double-spaced in French or in English. The abstract should state the objectives, methodology, expected results and conclusions of the work, including supporting figures and main references. The abstract, CV and a recommendation letter from the supervisor or a senior scholar should be sent to the Local Secretariat whose contacts are given below on or before **30th May, 2013**.



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Selection

Students selected, should provide a full paper by **30th June, 2013**. The selection process will aim to promote diversity among participants, by ensuring a geographic balance.

Sponsorship

Accommodation expenses including meals will be covered for all selected participants. We encourage applicants to apply to their host institution or projects for travel support. Travel expenses for participants unable to secure funding from their institutions will be considered. Funding will be awarded selectively on the basis of applications. Students must specify in their application whether they will require funding, providing an estimate of the amount required for travel expenses. Please note the organizers have a limited budget and therefore only modest costs will be met for sponsored candidates.

Support

The Second AfricaLics Academy is jointly organized by the ISGP (ISGP), the Ecole Nationale Polytechnique of Algiers with support from Globelics Secretariat, Aalborg University, Denmark and the Maghtech Network Coordination (labo. Clerse of Lille University – France).

Contacts


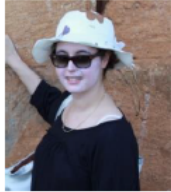



Local Coordinator and chairman organizing Committee: Mr Rachid Grim: rachid.grim@isgp.dz

International coordination: Mr Abdelkader Djeflat: abdelkader.djeflat@univ-lille1.fr

Secretarial contact: Mr Rasmus Lena , lema@business.aau.dk and

Appendix 2

Liste of students

Nom – Prénom Université	Pays	Thèmes de recherche	Photos
AIT ATMANE Foudil Faculté des sciences économiques /université de Béjaia	Algérie	Rôle et implication des acteurs dans l'édification d'un système national d'innovation (SNI) : Cas de l'Algérie	
AABI Meryem Université Mohammed V Facultés des Sciences Juridiques Economiques et Sociales Rabat Agdal (Maroc)	Maroc	Problématique du financement des PME au Maroc : une nouvelle hiérarchisation des financements	
BA Mamadou Université Gaston Berger (UGB) de Saint-Louis du Sénégal Unité de Formation et de Recherche de Sciences Economiques et de Gestion (UFR SEG)	Sénégal	Diagnostic des modes de coordination entre producteurs et distributeurs au Sénégal : à la recherche des sources d'innovation dans la distribution des produits locaux.	
BACHIRI Hadjira Clersé UMR-CNRS 8019 - Faculté des sciences économiques et sociales - Université de Lille 1	France	Définition d'un modèle qui optimise l'évaluation des pôles de compétitivité quel que soit leur stade de développement « Étude comparative entre la France et le Québec »	
EMEKA EJIM-EZE Emanuel Institute of Engineering, Technology and Innovation Management, University of Port Harcourt,	Nigeria	Firm learning and Eco-innovation in Automobile Firms in a Developing country: A focus on Nigeria	






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Nom – Prénom Université	Pays	Thème recherche	Photo
<p>EL HARRAK Adil Université Mohammed V Facultés des Sciences Juridiques Economiques et Sociales Rabat Agdal (Maroc) Laboratoire de l'Economie, du Management et de l'Innovation (LEMI)</p>	Maroc	L'apprentissage organisationnel et la stratégie de développement des compétences : source d'innovation au sein de la firme.	
<p>FERDJ Younes Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (ENSSEA) Alger</p>	Algérie	L'effet de l'innovation technologique sur l'emploi industriel en Algérie; Une analyse économétrique par les données de panel	
<p>HOUHOU Mustapha Université Abou Bakr Belkaid de Tlemcen -</p>	Algérie	L'investissement dans le capital intellectuel comme un outil de développement des organisations apprenantes	
<p>KASSAHUN Yimer Kebede Graduate School of Technology Management Ritsumeikan University (Japan)</p>	Ethiopie	Innovation System Building Practices in Developing Countries: Cases of Solar Energy Foundation in Ethiopia and Grameen Shakti in Bangladesh	
<p>KARMENI Kerim ISG Sousse/ IAE Lille</p>	Tunisie	Le rôle du système de contrôle dans l'innovation: cas des réseaux de franchise	

<p>RAHALI Amina Souad EPSECG Tlemcen</p>	<p>Algérie</p>	<p>Contribution des TIC à l'innovation : programme e-Algérie 2013</p>	
<p>SOULEH Samah Université de Biskra Département des Sciences Economiques</p>	<p>Algérie</p>	<p>Les centres de recherche scientifique en Algérie : les possibilités et les contraintes liées au management</p>	
<p>SIMOES Noemia Université d'Aveiro</p>	<p>Portugal</p>	<p>From ethnomathematics to global complexity" and "Mathematics for a better</p>	



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<p>KPASSI GOBI Chabi Benoit</p> <p>Laboratoire « Saint-Louis Etudes et Recherches en Gestion » (SERGe) Université Gaston Berger, Saint-Louis,</p>	<p>Sénégal</p>	<p>Les déterminants de la faible compétitivité des toutes petites entreprises agroalimentaires</p>	
<p>LACHACHI Abdelheq</p> <p>Université de TLEMCCEN</p>	<p>Algérie</p>	<p>La contribution des savoirs dans la performance d'entreprise</p>	
<p>MALLEK wafa</p> <p>Faculté des sciences économiques et de gestion de Sfax FSEGS</p>	<p>Tunisie</p>	<p>Pour une nouvelle politique industrielle en Tunisie : le Cas du cluster de l'IME de Sousse</p>	
<p>MAROUF Samir</p> <p>Université de Béjaia Département des sciences commerciales</p>	<p>Algérie</p>	<p>L'émergence des clusters industriels en Algérie: entre discours et réalité : le cas de l'agroalimentaire à Bejaia.</p>	
<p>METAICHE Mohammed El Amine</p> <p>Abou Bekr Belkaid University of Tlemcen, Preparatory School of Economics, & Researcher at MECAS laboratory, Tlemcen.</p>	<p>Algérie</p>	<p>Innovation and Economic Performance Evidence from Algerian industries</p>	
<p>MVOGO Grégory Paulin</p> <p>Université de Yaoundé 2 Soa</p>	<p>Cameroun</p>	<p>Implications de l'innovation financière dans une union monétaire : cas de la zone BEAC</p>	



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Appendix 3

The Programme of the Academy

Saturday 19 October 2013	Arrival of participants	Welcome committee ISGP		
Sunday 20 October	COLLOQUIUM « EMERGING INNOVATION SYSTEMS IN AFRICA : MODELS, TRAJECTORIES AND CHALLENGES » (open to the public)			
9:00 – 9:30	Inscriptions			
9:30 – 10:30	Official Opening of the Academy	Dr. M'hamed Raked: Director General of ISGP : Prof. Bengt Ake Lundvall : General Secretary of Globelics Prof. Abdelkader Djeflat – Coordinator of the 2 nd Africalics Academy		Chair : Dr. Ahmed Damou
10:30 – 11:00	Coffee break			
11:00 – 12 :30	Keynote speech	Plenary 1	Innovations and Industrial Development in Africa.	Prof. Bengt Ake Lundvall
12:30 – 14:00	Lunch			
14:00 – 15:30	Paper presentation	Plenary 2	Building Innovation systems in pre catch up countries : the North African and Sub sub-saharan experiences	Prof. Abdelkader Djeflat (Algeria) Prof. B. Oyeyinka (Nigeria)
15:30 – 15:45	Coffee break			
15:45 – 17:30	Paper presentation	Plenary 3	The challenges of innovation for development : Management, Funding, Evaluation	Dr. Benmahamed Djillali: (F) Dr. Margrethe Holm Anderssen (E) Prof Christian Harbulot (F)
17:30 – 18:30	Debate			



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20H	Dinner of the Academy			Participants of the Academy and guests
	Type of activity	Description	Proposed themes	Proposed Lecturers
Monday 21 October				
8:00 – 09:00	Introductory Session of the Academy		Presentation of students and the full programme of the Academy	A. Djeflat
9:00 -10:30	Lecture 1	Basic and fundamental themes	Innovation system research : where it came from, where it might go	B.A. Lundvall (F)
10:30 – 10:45	Coffee break			
10:45 – 12:30	Lecture 2	Thèmes fondamentaux	Innovation systems for low income countries	B.A. Lundvall (F)
12:30 – 14:00	Lunch			
14:30 – 15:30	Lecture 3	Thèmes basics et fondamentaux	Uneven Paths of Development: Learning, Innovation and Policy in Asia and Africa	B. Oyeyinka (E)
15:30– 15:45	Coffee break			
15:45 – 17:30	Lecture 4	Thèmes fondamentaux	Clusters, SMEs, and development	B. Oyeyinka (E)
Tuesday 22 October				
9:00 – 10:30	Student Présentation (1)		1/ Amine Métaiche (E) K. Kebede (E)	Evaluateur/B. Lundvall (E)
10:30 – 10:45	Coffee break			
10:45 – 12:30	Students presentation (2 - 3)		1/ Samir Marouf (F) 2/ Karim Karmeni (F)	Commentator/A. Djeflat
12:30 – 14 :00	Lunch			



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14:00 – 15:30	Lecture 5	Research Methodology (I)	Innovation and research methods /Survey methods	M. Goedhuys (F)
15:30 – 15:45	Coffee break			
15:45 – 18:30	Workshop 1	The Management of innovation and entrepreneurship : What prospects for an innovation based competitiveness in the South?		Local experts with the participation of M. Goedhuys, B. Lundvall, M.H. Andersen
Wednesday 23 october				
9:00 – 10:30	Lecture 6	Research Methodology (II)	Using econometrics to link innovation and development	M. Goedhuys
10:30 – 10:45	Coffee break			
10:45 – 12:30	Students presentation (4-5)		1/ Ait Athmane Foudil (F) 2/ G. Paulin Mvogo (F)	Commentator/ M. Goedhuys (F)
12:30 – 14 :00	Lunch			
14 :00 – 15 :30	Lecture 7	Research Methodology (III)	-research methodology and research design for case study analysis / - support and discussion related to the organization of the thesis work	A.Vera-Cruz €
15:30 – 15:45	Coffee break			
15:45 – 17:30	Students presentation (6-7)		1/ Ouafa Mallek (F) 2/ Rahali Souad (F)	Commentator/M. Goedhuys (F)
Thursday 24 October				
9:00 – 10:30	Students presentation (8)		1/Mamadou Ba (F) Bachiri Hadjira (F)	Commentator/A. Vera Cruz (E)



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10:30 – 10:45	Coffee break			
10:45 – 12:30	Lecture 8	Basic and fundamental themes	- Culture of the firm and learning. The Management of Innovation?	A.Vera Cruz (E)
12:30 – 14:00	Lunch			
14:00 – 15:30	Students presentation (9-10)		1/Lachachi Abdelhaq (F) 2/ Ferdji Younes (F)	Commentator/A. Vera Cruz (E)
15:30 – 15:45	Coffee break			
16:30 – 18:30	Lecture 9	Basic and fundamental themes	Emerging Innovation Systems in pre-catch up countries	A. Djeflat (E)
Friday 25 October	Visit/ Excursion Tipaza Tombeau de la Chrétienne			
Saturday 26 October	Free time			
Sunday 27 October				
9:00 – 10:30	Lecture 10	Research methodology (IV)	Qualitative research in STI studies: methods, instruments and issues in an African setting	Anna Kingiri (E)
10:30 – 10:45	Coffee break			
10:45 – 12:30	Lecture 10b	Research methodology (IV)	Evaluation methods	A. Kingiri (E)
12:30 – 14:00	Lunch			
14:00 - 15:30	Seminar 1		Emerging Innovation systems in Africa (II)	A. Djeflat (F)
15:30 – 15:45	Coffee break			
15:45 – 17:15	Students presentation (11-12)		1/ Noemia Certos (E) 2/Samah Souileh (E)	Commentator/ A. Kingiri (E)
Monday 28 October				



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9:00 – 10:30	Lecture 11	Basic and fundamental themes : Le transfert de technologie et l'innovation	Innovation indicators	F. Gault (E)
10:30 – 10:45	Coffee break			
10:45 – 12:20	Seminar 2	Contemporary themes and challenges in innovation and Development agenda	The Epistemic Virtue of the Innovation Approach to re-think and Re-Design African Development	M. Muchie (E)
12:30 – 14:00	Lunch			
14:00 – 15:30	Students presentation (13)		1/ K. Kebede (E) Métaiche (E)	Commentator/ M. Muchie (E)
15:30 – 15:45	Coffee break			
15h45 – 17h30	Seminar 3	Basic and fundamental themes : Le transfert de technologie et l'innovation	Innovation indicators	F. Gault (E)
Tuesday 29 October				
9:00 – 10:30	Seminar 4	Contemporary themes and challenges in innovation and Development agenda:	L'innovation et la question de l'engineering	Mustapha Mekidèche (F)
10:30 – 10:45	Coffee break			
10:45 – 12:30	Seminar 5	Contemporary themes and challenges in innovation and Development agenda	Creativity, innovation and entrepreneurship for venture creation in Africa	M. Muchie
12:30 – 14:00	Lunch			
14:00 – 15:30	Students presentation (14)		1/Bachiri Hadjira (F) Mamadou Ba (F)	Commentator/F. Gault
15:30 – 15:45	Coffee break			
15:45 – 18:30	Workshop 2	The sectoral system of Innovation approach : relevance, experiences and	Innovation experiences in dynamic sectors in North Africa : Pharmaceuticals,	Contributors from the different sectors with the participation of M. Muchie et F. Gault (TBC)



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		applicability in Africa.	ICT, Agro-food, renewable energy.	
Wednesday 30 October				
9:00 – 10:30	Lecture 12	Basic and fundamental themes	"STI Indicators - with a special focus on R&D statistics"	- C.Brundenius
10:30 – 10:45	Coffee break			
10:45 – 12:30	Présentation des étudiants (15-16)		1/ Aabi Meriem (F) 2/Houhou Mustapha (F)	Commentator/A. Djeflat
12:30 – 14:00	Lunch			
14:00 – 15:30	Présentation des étudiants (17-18)		1/ El Harrak Adil (F) 2/ Kpassi Gobi Benoit (F)	Evaluateur/C.Brundenius (E)
15:30– 18:30	Workshop 3 :	Research, Innovation and University-Industry linkages for inclusive development and competitiveness.		Ministry of Higher Education Representatives Anvredet , Ecole Nationale Polytechnique, with the participation of C.Brundenius, A. Djeflat
Thursday 31 October				
9:00 – 10:30	Séminaire 6	Thèmes actuels et enjeux dans la question de l'innovation et du développement	"STI Indicators - with a special focus on R&D statistics: exercises"	CBrundenius (E)
10:30 – 10:45	Coffee break			
10:45 – 12:30	Students presentation (19)		1/Ejim-Eze, Emmanuel Emeka (A) K. Kebede	Commentator/C.Brundenius



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12:30 – 14 :00	Lunch			
	Free time			
20h00	Dinner and Closing session (*)	-Mhamed Raked, DG ISGP -Abdelkader Djeflat Coordinator GlobeLics Academy -Rachid Grim, Chairman of the Organizing Committee	Price award for the best proposal	
Friday 01 Novembre	Departure of all participants			

(*) because of departure of early departure of some students, the dinner had to be advance to Wednesday evening

Appendix 4

LIST OF LECTURERS



<p>Prof. Bengt-Åke Lundvall Secrétaire Général Secretary General GLOBELICS</p>	<p>Bengt-Åke Lundvall is Secretary General at the Globelics Secretariat and Professor in Economics at Department of Business and Management, Aalborg University. Lundvall's research is organized around innovation systems, learning economies and economic development. Lundvall has coordinated major empirical projects on the Danish economy and initiated the worldwide network on innovation research, Globelics.</p>	
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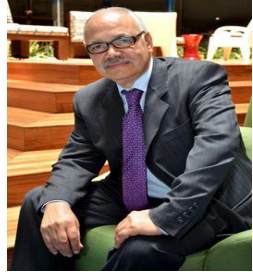
<p>Dr. Margrethe Holm Andersen Member of the Secretariat</p>	<p>Margrethe Holm Andersen is Senior Advisor at the Globelics Secretariat with special responsibility for supporting the Africalics activities funded by Sida through the Globelics Secretariat. Holm Andersen has more than 25 years of experience from research, short-term consultancies and planning and implementation of development cooperation. She has worked on a broad range of issues including agriculture and environment, climate change issues, fragile states and civil society support. Her main areas of specialisation include capacity development, evaluation of development cooperation, gender relations and community development in natural resource management. Holm Andersen holds a Master in Public Administration (cand.scient.adm. AAU 1988) and a Ph.D. in gender relations and development (AAU, 1992). During the past 15 years, she has been working as senior advisor on development cooperation in Danida/Ministry of Foreign Affairs. Her most recent post in Danida was as Deputy Head of the Evaluation Department (2007-2013).</p>	
<p>Prof. Abdelkader Djeflat Member of the Globelics Scientific Board. Vice President of Globelics for Africa and the Middle East</p>	<p>Abdelkader Djeflat is Professor of Economics at the University of Lille (USTL) in France. Previously Full Professor of Economics at the university of Oran in Algeria. Teaches industrial economics and the economics of technical change. Held several positions at the university of Oran: Dean of the Faculty and Chairman of the Scientific Council of the Faculty. Founder and current chairman of the MAGHTECH (Maghreb Technology) Network since 1994. Published more than one hundred articles in International Journals on the issues of technology transfer, Innovation and Knowledge Economy in the developing world mainly related to Maghreb and Mena region. Coordinated and published several books. He has been one of the founding members of the Globelics Network and member of the Scientific Board since 2006. He is also Vice President for Africa and the Middle East of this Network. Consultant to several Governments Ministries in the MENA region and International Organizations: ESCWA, Unesco, World Bank Institute</p>	



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<p>Prof. Banji Oyelaran-Oyeyinka</p>	<p>Banji Oyelaran-Oyeyinka is currently a Director, UN-HABITAT, Nairobi, Kenya. He is a Professorial Fellow in Innovation and Development, United Nations University-MERIT, Maastricht, The Netherlands and Visiting Professor, Innovation and Development, The Open University, Milton Keynes, United Kingdom. His research interests are in Science Technology, and Innovation Policy and Systems in Late Development; Innovation Systems in Industry Small and Medium Enterprises; industrial clusters in Developing Countries and latecomer Industrialization and Economic Development. His books include (with Rajah Rasiah) Uneven Paths of Development: innovation and Learning in Asia and Africa (Edward Elgar, 2009) and Latecomer development: Knowledge and Innovation for Economic Growth (Routledge, UK, 2010); “Learning to Compete in African Industry”, Ashgate (2006) and Industrial Clusters and Innovation Systems in Africa (with Dorothy McCormick, 2007, UNU Press). He is a board member of several academic journals and programmes including the, STEPS-IDS, Sussex, UK. He is a fellow of the Nigerian Academy of Engineering.</p>	
<p>Prof. Alexandre O. Vera-Cruz</p>	<p>Alexandre O. Vera-Cruz got his first degree on Economic Planning at the University of Havana in Cuba and his PhD in Science and Technology Research Studies from SPRU, University of Sussex. From 1990-1991 he was associated researcher of the Technological Innovation Centre at the UNAM, Mexico. From 1991 he joined the Metropolitan Autonomous University, Campus Xochimilco in Mexico City and he is professor of the Master and PhD programs in Economics and Management of Innovation. He was coordinator of studies of this program 2000-2004. He is member of the National System of Researchers in Mexico; and regular member of the Mexican Academy of Science. He is member of the Strategy and Government Board of the new University of Cape Verde, Africa. His PhD thesis hold several awards at Mexico as a thesis and after as a book. His research is focused on learning and technological capability accumulation, organizational culture and technological behavior, and innovation policy. He has participated in several recent science and technology policy evaluations in Mexico; the most recent was the Background Report for the “Innovation Report of Mexico” by the OECD. He has published several articles, book chapters and books on these topics. He is</p>	





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	<p>leading a research project on innovation system of the agriculture sector at Mexico funded by Conacyt (the Mexican S&T agency).</p>	
<p>Prof. Mammo Muchie</p> <p>Member of the Globelics Scientific Board.</p>	<p>Mammo Muchie, DPhil is currently Professor and Director of the Research Centre on Development Studies and International Relations, Department of History, International and Social Studies, Aalborg University in Denmark. He has taught and researched at various universities in the USA and Europe including Cambridge University and the Middlesex University (UK); the University of Aalborg (Denmark) and Amsterdam University (The Netherlands); and is an honorary professor at the Jianxing University in China. Between July 2003 and September 2004, he was the director of the research programme on “Civil Society and African Integration” at the Centre for Civil Society/School of Development Studies, University of KwaZulu-Natal, Durban, South Africa. He has been editor and book reviewer He is also member of the Scientific Board of Globelics. He is chairman of the Network of Ethiopian Scholars and published over 200 publications over the last twenty years. He has been a consultant for UNESCO on The Forum on Higher education, Knowledge and research systems. He has been also visiting professorial research fellow at EIRI.</p>	

<p>Dr. Micheline Goedhuys</p>	<p>Micheline Goedhuys is research fellow at UNU-MERIT and at Maastricht University, The Netherlands. She holds a Ph.D. in Economics from the University of Leuven (K.U.Leuven), Belgium. She has worked as a consultant for several international organisations such as the World Bank and the UN-ILO. She has published widely in international journals on topics related to entrepreneurship, small business development and innovation and firm performance in developing countries, with a particular focus on Africa. She has been guest editor of <i>Structural Change and Economic Dynamics</i> and <i>the European Journal of Development Research</i> for a special issue on ‘Micro-evidence on innovation and development’. She was involved in the organization of the Globelics International Conference 2009 in Dakar, Senegal. Currently she also works at the University of Leuven on policy research projects commissioned by the Flemish Authorities on policies fostering the growth of firms.</p>	
<p>Prof. Fred Gault Professorial Fellow</p>	<p>Fred Gault has been involved for many years with work at the OECD on the definition of innovation in the business sector. He works in the area of user innovation, both by firms and by consumers, and has an interest in the definitional boundaries of business sector, public sector, consumer and social innovation. His most recent edited book is the <i>Handbook of Innovation Indicators and Measurement</i>, published by Edward Elgar this year. He is a Professorial Fellow at UNU-MERIT in the Netherlands and a Professor Extraordinaire at the Tshwane University of Technology in South Africa.</p>	

<p>Dr. Anna Kingiri</p> <p>Secretary General of Africalics</p>	<p>Anna Kingiri has an inter-disciplinary training background cutting across biological sciences, environmental science and development policy. She has been involved in coordination of different projects spanning across climate change, energy, and agriculture innovation and embedded cross cutting issues related to social inclusion. She is currently coordinating Science Technology and Innovation (STI) related research at the African Centre for Technology Studies (ACTS) as a research director. She is also in charge of capacity building endeavours intended to inform/influence policy in STI for inclusive development. Ann is also coordinating the activities of the African Network for Learning, Innovation and Competence building Systems (AfricaLics) which has a secretariat based at ACTS.</p>	
<p>Claes Brundenius is Honorary Professor</p>	<p>Claes Brundenius is Honorary Professor at the Research Policy Institute (RPI), Lund University, Sweden. He holds a PhD in Economic History from Lund University. He has been working as a Senior Research Fellow, and later as Honorary Professor, at RPI since the 1980s. Before that he was attached to the OECD Directorate for Scientific Affairs where he was working on Science & Tehnology Indicators and Technology Gaps between OECD Member Countries. He has been a Guest Professor at Pittsburgh University (1984) and Smith College (1987), USA. Between 1997 and 2003, he was Senior Researcher and Research Director at the Centre for Development Research in Copenhagen. In the 1970s, he was working for the United Nations in the National Planning Institute in Peru, and in the 1980s for the Ministry of Industry in Nicaragua. He has done numerous missions in developing countries for UNCTAD, UNIDO, FAO, Norad, Danida and Sida.</p> <p>He has written extensively on issues related to the role and impact of Science, Technology and Innovation policies and strategies in developing countries. He is currently involved with The NEPAD ASTII project as member of the Advisory Faculty. He is also co-coordinator of the</p>	

	<p>UniDev Project (The Evolving Role of Universities in Systems of Innovation and Development), involving 12 countries in Europe, Latin America, Asia and Africa (including South Africa).</p>	
<p>Dr. Mustapha Mékidèche</p>	<p>Docteur en économie de l'université de Grenoble. Licencié en Mathématiques de l'université d'Alger.</p> <p>A occupé plusieurs fonctions dont celle de Membre Fondateur et Vice-Président du CNES (Conseil Economique et Social). Auparavant, il a passé une carrière dans le secteur pétrolier comme Directeur de la Zone Industrielle d'Arzew et de Skikda pour le compte de la compagnie pétrolière algérienne SONATRACH. Il a ensuite été Directeur Général et membre fondateur de l'ENEP (Entreprise Nationale de l'Engineering Pétrolier). Il est à l'heure actuelle Conseiller au Ministre de l'énergie et Membre du Panel des Personnalités Africaines pour le Gouvernance auprès de l'Union Africaine. Il dirige également un Cabinet Conseil en stratégie (industrie, énergie)</p>	