

Networkmeeting “Energy & Environmental Engineering”18./19. June 2018, GJU

MINUTES

Participants:

(cf. also appendix: List of Participants)

Dr. Munjed Al Sharif, Dr. Zakariya Dalalah, Dr. Arwa Abdelhadi, Dr. Ing. Madhher Bdour, Dr. Muna Hindiye, Prof. Dr. Jan Mugele, Prof. Dr. Ing.Torsten Schmidt, Dr. Annabelle Wolff, Prof. Dr. Ing. Ralf Holzhauer, Prof. Dr. Winfried Schmidt, Prof. Dr. Dörte Ziegler, Prof. Dr. Wolfram Heller, Prof. Dr. Thomas Schoenmuth, Prof. Dr. Ing. Joachim Schenk, Prof. Dr. John Schoonbrood, Prof. Dr. Wilfried Diwischeck, Prof. Dr. Eva-Maria Beck-Meuth, Dr. Mohammad Al-Addous, Dr. Qasem Abdelal, Dr. Osama Saadeh, Fatima Hadidi, Amar Alkhaldi, Firas Alawneh, Dr. Aiman Albatayneh, Stefanie Kirsch

Host: German-Jordanian University

Dr. Munjed Al Sharif, Dean of the School of Natural Resources Engineering and Management (SNREM), started off the meeting welcoming the participants and guests from Jordan and from Germany. In his keynote speech he summed up the results of last year’s meeting and underlined the importance of the network itself for successful collaboration and further developments in the curricula and student exchange of both departments “Energy Engineering” and “Water & Environmental Engineering”. As result of the network meeting, in future a third Department for Civil Engineering will be established at SNREM.

Topic	Action item Who/When
TOP1 Discussion	
<p>Overview: 80 incoming students from Germany came last year to GJU, 10 are coming to SNREM next semester.</p> <p>Committee is in place to revise study plan for Energy Department.</p> <p>Flying Faculty professors should introduce as much German language as possible to the students.</p> <p>Employability of GJU graduates: 11 of 80 graduates of SNREM are doing a Master in Germany, some get a job in Germany but most of them work in Jordan or the region for engineering companies.</p> <p>In order to practise their German language skills Prof. Winfried Schmidt suggests a Tandem-Teaching platform (30min German in exchange of 30min English) for GJU students with their partnering students in Germany. GJU student’s lecture attendance must be mentioned in his/her study semester report and signed by the German professor, binding for enrollment to internship semester.</p>	<p>Dr. Munjed/ Al-Addous/ Mugele/Schmidt/Holzhauer: motivate partners to participate in the network (ongoing)</p> <p>Schmidt/Kirsch: inform GLC about Teaching Tandem platform</p>
TOP2 Workshop „ENERGY ENGINEERING“	
Results:	Madhher Bdour/Osama Saadeh: Send out the new study plan to

<ol style="list-style-type: none"> 1. Revised study plan (includes 12 course electives) to be confirmed 2. GJU students must arrive in Germany 2-4 weeks before semester starts in order to participate in the host university's orientation week, offered German classes and to make the required changes in their learning agreements 3. Train-the-Trainer (Staff Mobility Program/SMP) should take place during semester. Not in August, better in February! 4. Exchange Coordinators must receive up-dated course schedule from German partners duely in time 5. One course (Engineering) must be taught in German at GJU – either by Flying Faculty or new German professor 6. German partners offer online courses (short videos) to GJU students before they go to their German Year 7. German partners send a list of their industry partners to OIL (Britta Kaehler) in order to facilitate the internship support 	<p>the partners and give deadline till 6th of July 2018 to receive comments!!</p> <p>Stefanie Kirsch: Inform IO about early departure</p> <p>Madhher: motivate students to take online courses in Germany and even count credit hours if they passed the exam</p> <p>Annabelle Wolff etc: send industry partner list to OIL</p>
<p>TOP3 Workshop „CIVIL+ENVIRONMENTAL ENGINEERING“</p>	
<p>Results:</p> <ol style="list-style-type: none"> 1. Shift in student numbers: Decrease in Water & Environmental Engineering, Increase in Civil Engineering. As the content is similar (overlap), Water & Environment topics are not lost and students can be shifted 2. The German network partners stongly recommend to search for teaching staff that speaks German language and has experience in German higher education system fort he environment, water and CE departments. One possible way could be to send good students for PhD to German partners (see example Maddher). 3. Number of seats for GJU students in Germany : 3-step procedure: 1)Which seats from existing partners could be used for Civil Engineering? 2)Which existing partner in German has also CE Department (e.g. Architecture) in order to extend the MoU? 3) Search for new partners with recommendation of existing partners 4. Better preparation of GJU students as „ambassadors“ of Jordan: orientation course at GJU with last years students sharing their experiences, improvement of German language skills, participation in orientation week at German university (2-4 weeks between end of August till mid of September) 5. Offer a complete course/guest lectures in German at GJU held by German professor, GIZ or Dorsch Industry Consult 	<p>Heller: contact professor of Civil Engineering at HS Muenchen for guest lecture at SNREM</p> <p>Madhher/Muna: Contact German partners and ask for seats in Civil Engineering</p> <p>Munjed/Madhher: contact GIZ and Dorsch via OIL regarding guest lectures at SNREM</p>

<p>(contact Jordan Branch office in Amman: tanja.baur@dorsch.de)</p> <p>6. Internship report should be sent to German host university (in Cc) also when students sent it to OIL because German professors want to read it</p>	<p>Britta Kaehler/OIL: Inform students to Cc their host university when sending their internship report to OIL</p>
<p>TOP4 SNREM presentations</p>	
<ul style="list-style-type: none"> • Dr. Madhher Bdour (Exchange Coordinator) presents statistics, study plan procedures and successful new cooperations at the Energy Engineering Dpt. • Dr. Zakariya Dalalah (Head of Department) gives PPP on laboratories, research projects and the center of renewable energy. • Dr. Muna Hindiyeh (Exchange coordinator) presents study plan, statistics and list of partner universities at the Water & Environmental Engineering Dpt. • Dr. Arwa Abdel Hadi (Head of Department) gives PPP on new BA & MA structure at SNREM. 60% Civil and 40% Water & Environmental related to the number of seats that can be filled up. In order to balance the number the student's GPA assigns them to the courses accordingly. 	<p>Dr. Muna Hindiyeh: includes HS Koblenz to the member list</p>
<p>TOP5 GJU presentations</p>	
<ul style="list-style-type: none"> • President Dr. Manar Fayyad, Vice-president Dr. Atef Kharabsheh and Vice-president Prof. Dorit Schumann join the network meeting • Britta Kähler (Office for Industrial Links) presents news from OIL, especially the graduates employability survey • Margarethe Nofal (German Language Center) presents news from GLC, especially the teaching methods • Jens Hegemann (International Office) presents news from IO, especially the new allocation system of GJU students to German universities and the code of conduct that aims to make German class attendance of GJU students an obligation for getting enrolled and getting their 12 credit points at the host university. • Jacqueline Rogler (IO) presents Flying Faculty and Staff Mobility Program (formerly known as Train-the-Trainer) 	<p>Hegemann: sends Code of Conduct to partners universities (IO) on request</p>
<p>TOP6 New German Network heads</p>	
<p>Election of Network heads:</p> <ul style="list-style-type: none"> • Prof. Jan Mugele is unanimously selected as network head „Energy Engineering“ until Prof. Siegismund plans to return • Prof. Ralf Holzhauser stays network head for „Environmental Engineering“ 	

<ul style="list-style-type: none"> Prof. Torsten Schmidt is unanimously selected as network head „Water Engineering“ as Prof. Brettschneider retired 	
TOP7 Next network meeting	
The next network meeting will take place on 27 – 28 of June 2019 at Westfälische Hochschule in Gelsenkirchen.	Winfried Schmidt/Ralf Holzauer/Stefanie Kirsch: Planing the next network meeting in Germany
TOP8 Visit of Research Site	
The network members visit the Al-Karamah AlGhour research site at Jordan valley. They discuss the systems of biogas production, desalination and photovoltaic. Dr. Mohammad Al-Addous explaining each pilot plant.	Schmidt/Heller: Discuss the idea of sending a process engineer (Verfahrenstechniker) in order to improve the systems

List of participants

Dr. Annabelle Wolff	International Office, OTH Amberg- Weiden
Prof. Dr. Ralf Holzauer	Westfälische Hochschule
Prof. Dr. Winfried Schmidt	Westfälische Hochschule
Prof. Dr. Jan Mugele	Hochschule Magdeburg-Stendal
Prof. Dr. Torsten Schmidt	Hochschule Magdeburg-Stendal
Prof. Dr. Dörte Ziegler	Hochschule Koblenz
Prof. Dr. Thomas Schönmath	Hochschule Zittau/Goerlitz
Prof. Dr. Joachim Schenk	HTWK Leipzig
Prof. Dr. Wilfried Diwischek	President, Hochschule Aschaffenburg
Prof. Dr. Eva-Maria Beck-Meuth	Vice-President, Hochschule Aschaffenburg
Prof. Dr. Wolfram Heller	Hochschule Muenchen
Prof. Dr. John Schoonbrood	Hochschule Koblenz
Dr. Munjed Alsharif	Dean SNREM, GJU
Dr. Muna Hindiyeh	Exchange Coordinator Environment SNREM, GJU
Dr. Madher Bdour	Exchange Coordinator Energy SNREM, GJU
Dr. Arwa Abdelhadi	Head of Department Environment SNREM, GJU
Dr. Zakariya Dalalah	Head of Department Energy SNREM, GJU
Dr. Mohammad Al-Addous	SNREM (Energy), GJU
Dr. Qasim Abdel Al	SNREM (Water & Environment), GJU
Dr. Osama Saadeh	SNREM (Energy), GJU
Fatima Hadidi	SNREM (Water & Environment), GJU
Amar Alkhalidi	SNREM, GJU
Firas Alawneh	SNREM, GJU
Dr. Aiman Albatayneh	SNREM, GJU
Stefanie Kirsch	Network Coordinator GJU
Dr. Manar Fayyad	President GJU (temporarily)
Dr. Atef Kharabsheh	Vice-President GJU (temporarily)

Prof. Dr. Dorit Schumann
Britta Kaehler
Margarethe Nofal
Jens Hegemann
Jacqueline Rogler

Vice-President International Affairs GJU (temporarily)
Office for Industrial Links GJU (temporarily)
German Language Center GJU
International Office GJU (temporarily)
International Office GJU (temporarily)

25.06.18 Stefanie Kirsch