



ERASMUS+ PROGRAMME

Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP

EGREEN:

Development Of Environmental Engineering Courses And Injection Of Climate Change Concept For Undergraduate Curriculum

Dissemination

**The University of Jordan (UJ)
Amman-Jordan**

April 3rd – 5th, 2018



**Co-funded by the
Erasmus+ Programme
of the European Union**

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Content

Category	Page
▪ Dissemination activities	3
1) Pooth and Brushers for Egreen dissemination project	4
2) Fourth Stc meeting:	4
a) Attendance list.....	5
b) Agenda.....	6
c) Photo.....	9
3) 1- Egreen Sessions: Session 1	10
a) Attendance list.....	10
b) Agenda.....	14
c) Session overview	15
3)2- Session 2	16
a) Attendance list.....	16
b) Agenda.....	18
c)Session overview.....	19
Photos	20
4- EU Funded Projects:	21
a) Agenda	21
b) Photo	22
Press release	23

Dissemination activities for Egreen project held in The Sixth Global Renewable Energy Conference GCREEDER 2018 under the patronage of HH the prince Hamza bin Al-Hussein



Egreen Dissemination activities held in GCREEDER 2018

1. A booth for Egreen project with Roll up and brochures was in the exhibition hall of the GCREEDER 2018.
2. 4th Steering committee Meeting for Egreen Project partner.
3. A Dissemination and Implementation lecture for Egreen Project was delivered in GCREEDER 2018 –EU Projects workshop.
4. 2 Sessions for Egreen Syrian partner held in GCREEDER 2018 Conference.

Dissemination :



1- Pooth and Brushers for Egreen dissemination project

2- Fourth Stc meeting.

The 4th EGREEN Steering committee Meeting was held during the 6th Global Conference on Renewables and Energy Efficiency for DEsert Regions in the University of Jordan. The meeting gathered 25 representatives from different project partners including Jordan, Syria and Germany.

The Steering Committee discussed the status and the work plan of different project activities.



Attendance list



EGREEN Fourth Steering Committee Meeting
Amman-Jordan
April 3-5, 2018



No.	Participants Name	University	Thursday April 3, 2018	Friday April 4, 2018	Saturday April 5, 2018
1.	Prof. Ahmed Al-Sayegh	UJ			
2.	Prof. Ahmad Al-Daragh	UJ			
3.	Dr. Oumma Ayadi	UJ			
4.	Eng. Ireena Khashteh	UJ			
5.	Mrs. Yvanni Hasan	UJ			
6.	Mr. Mahmoud Dinnar	UJ			
7.	Prof. Fakhruddin Al-Rub	JUST			
8.	Prof. Saib Ghreizat	JUST			

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EGREEN Fourth Steering Committee Meeting
Amman-Jordan
April 3-5, 2018



9.	Prof. Suhil Kham	JUST			
10.	Dr. Nizar H. Samarah	JUST			
11.	Dr. Abdelqader Al-Hajjoui	GUU			
12.	Dr. Munir Hindiye	GUU			
13.	Eng. Hameed Saadeh	GUU			
14.	Prof. Omer Marash	MUTAH			
15.	Dr. Maysaad Shwairah	AABU			
16.	Dr. Laili Daibkur	ZJU			
17.	Eng. Emad Abdolhaziz	ZJU			
18.	Prof. Nouria Al-Samir	TU			

Erasmus+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



EGREEN Fourth Steering Committee Meeting
Amman-Jordan
April 3-5, 2018



19.	Dr. Sadiya Nemsa	TU			
20.	Dr. Anas Daryab	TU			
21.	Dr. Bahar AL-ABDULAH	AU			
22.	Dr. Jaleh ALJIBAWI	AU			
23.	Dr. Feras Al-Husseini	AU			
24.	Dr. Feras Al-Husseini	AU			
25.	Prof. Adnan Ghara	ABU			
26.	Prof. Salim Al-B	OWE-LUS			
27.	Prof. Marwan Khatib	TUHH			
28.	Prof. Abdul Nasser Al-Harraq	ABU			

3

ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



EGREEN Fourth Steering Committee Meeting
Amman-Jordan
April 3-5, 2018



29.	Dr. Sadiya Nemsa	TU				
30.	Prof. Ahmed Al-Harraq	ABU				
31.	Prof. Hassan Al-Harraq	ABU				
32.	Prof. Chaheda Mousa	ABU				
33.						
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4

ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP

Agenda

Fourth Steering Committee Meeting Agenda

Venue: Saeed Al-Mufti Auditorium at School of Engineering	
Day 1	
Tuesday, April 3, 2018	
8:30-10:00	Registration
10:00-10:45	Opening Dissemination Event <ul style="list-style-type: none"> • Verses from the Holy Quran • Welcome Speech by the Chairman of the Organizing Committee, Prof. Ahmed Al-Salaymeh • Welcome Speech by the President of the University of Jordan, Prof. Azmi Mahafzah • Speech by the Minister of Energy and Mineral Resources, Dr. Saleh A. Al-Kharabsheh • Speech by the Minister of Higher Education and Scientific Research, Prof. Adel Tweissi
Coffee Break and Exhibition Tour for Erasmus plus projects	
10:45-11:30	
11:45-13:00	Dissemination Event
13:00-14:15	
Lunch Break	
Venue: Deanship Hall at School of Engineering	
14:15-14:20	Registration
14:20-14:30	Welcome Speech by General Coordinator of the EGREEN Project, Prof. Ahmed Al-Salaymeh
Session (1): WP2	
Chaired by Prof. Martin Kaltschmitt (TUHH)	
14:30-15:30	WP3: Development of Study Plan and Curricula Action plan by Prof. Salman Ajib (OWL-UAS) <ul style="list-style-type: none"> ❖ Presentation of WP-03 results
Session (2): WP5, WP1	
Chaired by Prof. Ala'aldeen Al-Halhouli (GJU)	
15:30-15:45	WP5: Capacity Building by Prof. Martin Kaltschmitt (TUHH) <ul style="list-style-type: none"> ❖ Presentation of WP-05 results
15:45-16:00	WP1: Networking by Prof. Fahmi Abu Al-Rub (JUST)

	❖ Presentation of WP-01 results
16:00 – 16:30 Coffee Break	
Session (3): WP6, WP2, WP7 Chaired by Prof. Ahmed Al-Salaymeh (UJ)	
16:30-16:45	WP6: Monitoring and Evaluation by Prof. Ala'aldeen Al-Halhouli (GJU) ❖ Presentation of WP-06 results
16:45-17:00	WP2: Scoping and training needs by Prof. Mo'ayyad Shawaqfah & Prof. Moussa Al-Samara (TU) ❖ Presentation of WP-02 results
17:00-17:15	WP7: Dissemination and Sustainability by Dr. Adnan Ghata (ABU) & Eng. Eman Abdel hafez (ZUJ) ❖ Presentation of WP-07 results
Session (4), WP4, WP8 Chaired by Prof. Moussa Al-Samara (TU)	
17:15-17:30	WP4: Development of Online Content and Competencies ❖ Presentation of VLE by Mr. Mamoun Dmour (UJ)
17:30-18:00	WP8: Management by Prof. Ahmed Al-Salaymeh (UJ) ❖ Presentation of WP-08 results

Steering committee discussing the progress of the project and the work packages that has been done and the work package that still working on it.



Photo:





3- Egreen Sessions

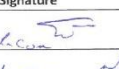



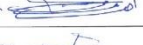





Attendance sheet



EGREEN Dissemination Session
Amman-Jordan
Wednesday April 4, 2018

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1

ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



EGREEN Dissemination Session
Amman-Jordan
Wednesday April 4, 2018

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ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



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4

ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



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ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-IP



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EGREEN Dissemination Session
Amman-Jordan
Wednesday April 4, 2018

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ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP

Agenda



6th Global Conference on Renewables and Energy
 Efficiency for DEsert Regions
 (GCREEDER-2018)
 April 3rd-5th 2018, Amman – Jordan



Day 2 Wednesday, April 4, 2018			
A: Saeed Al-Mufti Auditorium B: Middle Auditorium C: Small Auditorium			
Session 4-A (EGREEN)			
Chairman: Prof. Salman Ajib Rapporteur: Dr. Ali Alahmar Coordinator: Eng. Qatada Damra			
Time	Paper #	Paper Title & Author	Country
9:00 - 9:15	0101	Study for Supplying Literature Faculty in Tishreen University By Photovoltaic Energy Prof. Shoaib Mahmoud, Eng. Ibrahim Ahmad	Syria
9:15 – 9:30	0102	Design and construction of biogas unit and operating it to utilize the produced gas to generate electrical power to cover the needs of a Fedco cow farm at Lattakia city. Chaith Qanjrawi, Moussa Alsamara	Syria
9:30 – 9:45	0231	Airborne Particulates Prof. Ahmed AlMahmoud , Dr. Nadia Khedr	Syria
9:45 – 10:00	1402	Study of the oil mill wastewater (OMW) treatment Using membrane bioreactor (MBR) A.Ghata; H.Ali; A.Dachyl; Sh.Al-Melhem	Syria
10:00 – 10:15	1410	The reality of wastewater treatment and its use for agricultural purposes in Syria Prof. Moussa Al-Samara; Dr. Amal Dayoub	Syria
10:15 – 10:30	0202	Numerical and Analytical Modelling of Induction Heating in Silica Gel/Methanol Adsorption Cold Production System Majd Ali, Salman Ajib, Christian Karcher and Ulrich Ludtke	Germany
Session 4-B (DESIRE)			
Chairman: Prof. Ala'aldeen Al-Halhoul Rapporteur: Prof. Mousa Al-Samara Coordinator: Eng. Rasha Albalk			
Time	Paper #	Paper Title & Author	Country
9:00 - 9:15	0506	Socioeconomic Impact of Renewable Energy on Rural Community in Jordan - Shams Ma'an W. Nsour, A. Al-Salaymeh, L. Qoaider and Th. Fink	Germany Jordan
9:15 – 9:30	0601	JOB CREATION OF RENEWABLE ENERGY IN JORDAN Mohammad Fayiz, Mohammad Qasem, Ahmed Al-Salaymeh, Louy Qoaider and Thomas Fink	Germany Jordan



Session overview











- ✓ First session held in Saeed Al-Mufti Auditorium proceeded for one and half hour presented 6 papers.
- ✓ Most of the papers that presented in the session was from Syrian partner in Egreen Project Which cover the following topics:
 - Study for supplying literature faculty in tishreen university by photovoltaic energy.
 - Design and construction of biogas unit and operating it to utilize the produced gas to generate electrical power to utilize the produced gas to generate electrical power to cover the needs of a fedeo cow farm lattakia city
 - Airborne Particulates
 - Study of the oil mill wastewater treatment using MBR
 - The reality of wastewater treatment and its use for agricultural purposes
 - Analytical modelling of induction heating in Silica Gel/methanol adsorption cold production system.



Session 2

Attendance sheet



No.	Participants Name	Institution	E-Mail	Signature
1.	prof. Ahmed AlMahmoud	Al-Baath University	profasm56@gmail.com	
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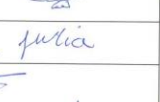


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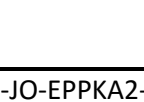


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3

ERASMUS+ Programme – EGREEN Project Number: 573927-EPP-1-2016-1-JO-EPPKA2-CBHE-JP



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4

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Agenda



6th Global Conference on Renewables and Energy
 Efficiency for DEsert Regions
 (GCREEDER-2018)
 April 3rd-5th 2018, Amman – Jordan



Session 6-B (EGREEN)			
Chairman: Prof. Mahmoud Irshedat Rapporteur: Dr. Muna Hindyeh Coordinator: Eng. Haneen Saadeh			
Time	Paper #	Paper Title & Author	Country
14:00-14:15	0103	Production of organic fertilizer and energy from sewage sludge from the treatment plant in Salameh-Hama-Syria Prof. Moussa Alsamara, Dr. Bushra Nema, Dr. Omiema Nasser	Syria
14:15 – 14:30	0502	Optimal Energy Management for an Isolated Microgrid Using an Advanced Dynamic Programming Ammar Hajjar, Issam Hussamo, Hussam Aldin Rassouk	Syria
14:30 – 14:45	0104	Design and Implementation of a three-phase sine wave converter using SPWM, variable output voltage and frequency with a solar charger based on maximum power point tracker of solar radiation MPPT Dr. Moussa AlSamara, Dr. Fouad Jabal, Ali Mahmoud	Syria
14:45 – 15:00	1411	The impact of the current crisis on agriculture and food security in Syria Prof. Moussa Al- samara Dr. Amal Dayoub	Syria
15:00 – 15:15	0105	The Introduction of renewable energy criteria for construction method selection in concrete buildings commensurate with the requirements of reconstruction in Syria Dr. Bassam Hasan; Eng. Madonna Beshara; Eng. George Alsamara	Syria
15:15 – 15:30	1409	Utilization of secondary agricultural products produced by olive presses (peat water, pyrene) As a renewable energy source Prof. Moussa Al-saminara, Dr. Bushra nema, Dr. Amal Dayoub	Syria
Session 6-C HYMENSO Workshop			
Chairman: Dr. Osama Ayadi Rapporteur: Eng. Tahani Almalki			
Time	Activity		
14:00-17:00	Practical Training on Greenius Software Eng. Daniel Benitez, and Dr. Andreas Kazantzidis		



Session overview

- ✓ Second session held in Medill Auditorium proceeded for one and half hour presented 6 papers.
- ✓ Most of the papers that presented in the session was from Syrian partner in Egreen Project Which cover the following topics:
 - Production of organic fertilizer and energy from sewage sludge from the treatment plant in Salameh-Hama-Syria.
 - Optimal energy management for an Isolated microgrid using an advanced Dynamic programming.
 - Design and implementation of a three-phase sine wave converter using SPWM.
 - The impact of the current crisis on agriculture and food security in Syria.
 - The introduction of renewable energy criteria for construction methods selection in concrete buildings.
 - Utilization of secondary agricultural products produced by olive presses as a renewable energy source.



Photos



4- EU Funded Projects:

EU funded projects workshop presented in the Second day of the Sixth renewable energy Global conference, where Prof. Ahmed Al-Salaymeh presented Egreen project .

Agenda



6th Global Conference on Renewables and Energy
Efficiency for Desert Regions
(GCREEDER-2018)
April 3rd-5th 2018, Amman – Jordan



Session 5-C



METHODS Training Workshop

Chairman: Prof. Ahmed Al-Salaymeh
Rapporteur: Eng. Leena Marashdeh

Time	Activity
11:00-11:40	Modern Educational Methodologies with Case Study <i>Dr. Wasel Ghanem (BZU, Palestine)</i>
11:40-12:20	A Case Study on the Application of Modern Educational Methods in Delivering Undergraduate Engineering Courses at the University of Jordan <i>Prof. Lutfi Al-Sharif (UJ, Jordan)</i>
12:20-13:00	Educational Portal (MethodsX) and Future Trends toward Improving Teaching and Learning In Jordan and Palestine <i>Dr. Wasel Ghanem (BZU, Palestine)</i>
13:00-14:00 Lunch Break	

Session 6-A

Multiple EU Funded Projects Workshop (I)

Chairman: Prof. Ahmed Al-Salaymeh
Rapporteur: Eng. Leena Marashdeh













Time	Activity
14:00-14:15	EU Funded Projects and Their Impact on Higher Education in Jordan <i>Prof. Ahmad Abu- LL-Hajja, Director of National Erasmus+ Office</i>
14:15 – 14:30	Dissemination and Implementation Lecture for "METHODS" <i>Dr. Wasel Ghanem (BZU, Palestine)</i>
14:30 – 14:45	Dissemination and Implementation Lecture for "EGREEN" <i>Prof. Ahmed Al-Salaymeh (UJ, Jordan)</i>
14:45 – 15:00	Dissemination and Implementation Lecture for "MediTec " <i>Dr. Riyadh Qashi (HTWK, Germany)</i>
15:00 – 15:15	Dissemination and Implementation Lecture for "INVENT" <i>Prof. Fahmi Abu Al-Rub (JUST, Jordan)</i>
15:15 – 15:30	Dissemination and Implementation Lecture for "VTC" <i>Dr. Ziad Abu El-Rub (SIU, Jordan)</i>

Page: 9



Photo:





Press release:

- http://ujnews2.ju.edu.jo/Lists/News/Disp_FormNewsConf.aspx?ID=9114
- https://www.facebook.com/Egreen-Project-609610079229409/?hc_ref=ARQRUyoeaTHikt3fARvKaZhLFMhYY7njGI-1d_yGUztNtQSizduM0VFI_rXXp9M3Ymw