DELIVERABLE 6.3
1st IREEDER Dissemination Day Minutes

Written by	Responsibility
Omar R Daoud (PU)	Main Contributor
Edited by	
Ziyad Altarawneh (MU)	WP6 leader
Approved by	
Saud Althunibat -AHU	Project Coordinator

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LIST OF CHANGES

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2.0	June 29, 2022	Correction and editing	Ziyad Altarawneh (MU)
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1. INTRODUCTION

1.1 Summary

This document summarizes the minutes of the first dissemination workshop of the IREEDER project that has been held in Philadelphia University (PU) in June, the 1st 2022. The schedule of this workshop has been divided into four main parts; the opening ceremony, the Renewable energy session, the Internet of Things session and the Cyber security session. After that the Graduation Projects Expo and the closing session, which has been followed by the Lunch break, have closed it.

In the rest of this document, the partners will be indicated by their short names as follows:

Partner	Acronym	Country
Al-Hussein Bin Talal University	AHU	Jordan
Mutah University	MU	Jordan
Università degli Studi di Trento	UNITN	Italy
Instituto de Telecomunicações	IT	Portugal
Universidade De Vigo	UVIGO	Spain
Isra University	IU	Jordan
The University of Patras	UPATRAS	Greece
Philadelphia University	PU	Jordan
Tafila Technical University	TTU	Jordan
University of Central Lancashire Cyprus	UCLAN	Cyprus

1.2 Structure of the Document

The present document is organized as follows:

- The current section describes the summary and the structure of the document
- Section 2 provides a description of minutes of the opening ceremony.
- Section 3 provides a description of the renewable energy session.
- Section 4 provides a description of the Internet of things session.
- Section 5 provides a description of the cyber security session.
- Section 6 provides a description of the graduation project expo.

2. THE OPENING CEREMONY

Date:	1' June' 2022
Location:	The main auditorium Hall, The Nursing faculty Building Philadelphia University, Amman 19392, Jordan

2.1 Welcome Message (09.00am – 09.10am)

Prof Omar R. Daoud, the IREEDER-PU Coordinator, gave a short message where he welcomed all the participants in the meeting.

2.2 Message from the Jordanian Engineering Association (JEA) (09.10am – 09.15am)

Dr. Ali Al-Khawaldeh, the JEA representative gave a brief overview and statistics about the needs and vision of the situation for the IREEDER disciplines in Jordan.

2.3 NEO Office Message (09.15am- 09.25am)

Mrs. Asma Alsmadi, on behalf of Prof. Ahmad Abu El-Haija, the Director of the National Erasmus+ Office inJordan, gave a talk that includes some tips to enhance the projectmanagement skills. Specifically, the speaker focused on the cooperation among the consortium to achieve the best implementation of the plannedproject activities. She also focused on the main requirements to ensure thesuccess of the project activities including the commitment, visibility,dissemination and sustainability.

2.4 IREEDER Project Overview (09.25am – 09.40am)

Dr Saud Althunibat, the Project Manager, gave an overview of IREEDER project. In his talk, he mentioned the main motivation behind the project wasthe need for introducing the recent technologies in electrical engineering into the undergraduate programs in order to equip students by the necessary skills for the labor market. He also described the need of the labor market to improve the skills of fresh engineers by teaching them the basics and training them on educational platforms.

He also described how the project consortium has been built and how carefully the partners have been selected. He went through the different work packages and described the main activities of each work packages.

2.5 IREEDER and PU Message (09.40am – 09.50am)

Prof. Mohammed Bani Younis, the faculty of Engineering and Technology (FET) Dean, gave a short message about the enhancements of imposing the IREEDER to the FET curricula and some numbers about benefits and the impacts of establishing the IREEDER Remote Access Lab in the faculty.

2.6 PU message (09.50am -09.55am)

Professor Mutaz Sheikh Salem, the PU president, gave a short message where he welcomed all the participants in the meeting.

3. SESSION I: RENEWABLE ENERGY

Dr. Yara Haddad (PU) has started the session by giving a brief about the speakers and their topics. The following shows in detail all the topics in the first session:

3.1 Overview of IREEDER Course: Introduction to Renewable Energy (RE) (10.30am – 10.45am)

Prof. Andreas Kazantzidis (UPAT) gave and overview about the outcomes of the IREEDER RE part. This is in addition to describe the theoretical and practical materials that have been proposed as an outcome from this project.

3.2 Overview othe f IREEDER lab: Renewable Energy Laboratory at MU (10.45am – 11.00am)

Dr Ahmad Salah (AHU), presented the manual of the practical part from the MU-RE laboratory. Described the procedures, the results and the experiments in this laboratory.

3.3 Recent Technology in Renewable Energy (11.00am – 11.15am)

Prof. Munzer Ebaid (PU), presented his thoughts about the RE recent technologies that have been extracted from another supported project by the Royal Society in UK.

3.4 Renewable Energy Market in Jordan (11.15am-11.30am)

Farah Qaqeesh presented the needs for the RE market in Jordan and summarized his experience in the field.

3.5 Required skills in fresh engineers for renewable energy sector (11.30am – 11.45am)

Samer Zawaideh,from the Association of energy engineers, presented the regulations of the association of energy engineers and expressed the market needs and future.

4. SESSION II: INTERNET OF THINGS

Prof. Mohammed Baniyounis (PU) has started the session by giving a brief about the speakers and their topics. The following shows in detail all the topics in the second session:

4.1 Overview of IREEDER Course: Introduction to Internet of Things (11.45am – 12.00pm)

Dr. Marios Raspopoulos (UCLAN), gave and overview about the outcomes of the IREEDER IoT part. This is in addition to describe the theoretical and practical materials that have been proposed as an outcome from this project.

4.2 Overview of IREEDER lab: Internet of Things Laboratory at AHU (12.00pm – 12.15pm)

Dr. Moath Alsafasfeh (AHU), presented the manual of the practical part from the AHU-IoT laboratory. Described the procedures, the results and the experiments in this laboratory.

4.3 IoT Market in Jordan (12.15pm-12.30pm)

Eng. Ahmad Aqel from the Automotive Technology Academy presented the needs for the IoT market in Jordan and summarized his experience in the field.

4.4 Required skills in fresh engineers for IoT sector (12.30pm – 12.45pm)

Mutaz Alotein ,from the Jordan Design and Development Bureau, presented the regulations of the IoT and expressed the market needs and future.

5. SESSION II: CYBER SECURITY

Dr. Mustafa Alkhawaldeh (PU) has started the session by giving a brief about the speakers and their topics. The following shows in detail all the topics in the third session:

5.1 Overview of IREEDER Course: Introduction to Cyber Security (CS) (12.45pm – 13.00pm)

Dr. Felipe Gil Castenira (UVIGO), gave and overview about the outcomes of the IREEDER CS part. This is in addition to describe the theoretical and practical materials that have been proposed as an outcome from this project.

5.2 Overview of IREEDER lab: Cyber Security Laboratory at TTU (13.00pm – 13.15pm)

Eng. Omar Qwabeh (TTU), presented the manual of the practical part from the TTU-CS laboratory. Described the procedures, the results and the experiments in this laboratory.

5.3 CS Market in Jordan (13.15pm-13.45pm)

Eng. Mohammad Alkhudari from Green Circle presented the needs for the CS market in Jordan and summarized his experience in the field. In addition to the regulations of the CS and expressed the market needs and future.

6. Graduation Projects Expo

IREEDER Graduation Project Expo has been opened, which includes different graduation projects prepared by PU students in the three different themes of the IREEDER project.

7. CLOSURE

The project coordinator Dr. Althunibat – AHU and Prof. Omar R. Daoud the PU representative invited the attendees to the Lunch break before wishing all of them safe flights back home.