

Mutah University (MU) online workshop- Report

Event type	Workshop
WP Number	WP3, WP7
WP Leader	NTUA, HTU
Event date	7-10-2022
Number of Participants	53
Total number of pages	6

Project Coordinator

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1 Event Description

Mu'tah University (MU) from Jordan conducted an online workshop on 7th of October 2022. The 2-hour workshop was conducted via ZOOM and titled “Battery storage and its Applications in EV and ESS”.

The workshop started with a welcoming speech and an overview of the nature of the project, its objectives and the partners working on it by the project coordinator, Prof. Ahmed Al-Salaymeh from The University of Jordan.

- “Battery storage and its Applications in EV and ESS” by : Dr. Mohamed Elkadragy

A discussion panel was opened for participants.

2 PPTs

- ECO-CAR in brief:

https://fisio-my.sharepoint.com/:p/g/personal/eco-car_ju_edu_io/EcH3bRz6Ka9MrEqSz6TiAA0B6136QhzTgcj_IBb-T9mjBg?e=wJSWnl

3 Poster



ECO-CAR Workshop

BATTERY STORAGE AND ITS APPLICATIONS IN EV AND ESS

Presented by: Mutah University



Friday, October 07, at 20:00 (Amman time)

Presenter: Dr. Mohamed Elkadragy

- PhD holder Karlsruhe Institute of Technology (KIT)
- Battery Storage Expert

Join us & Register here:

<https://bit.ly/3Ek2290>



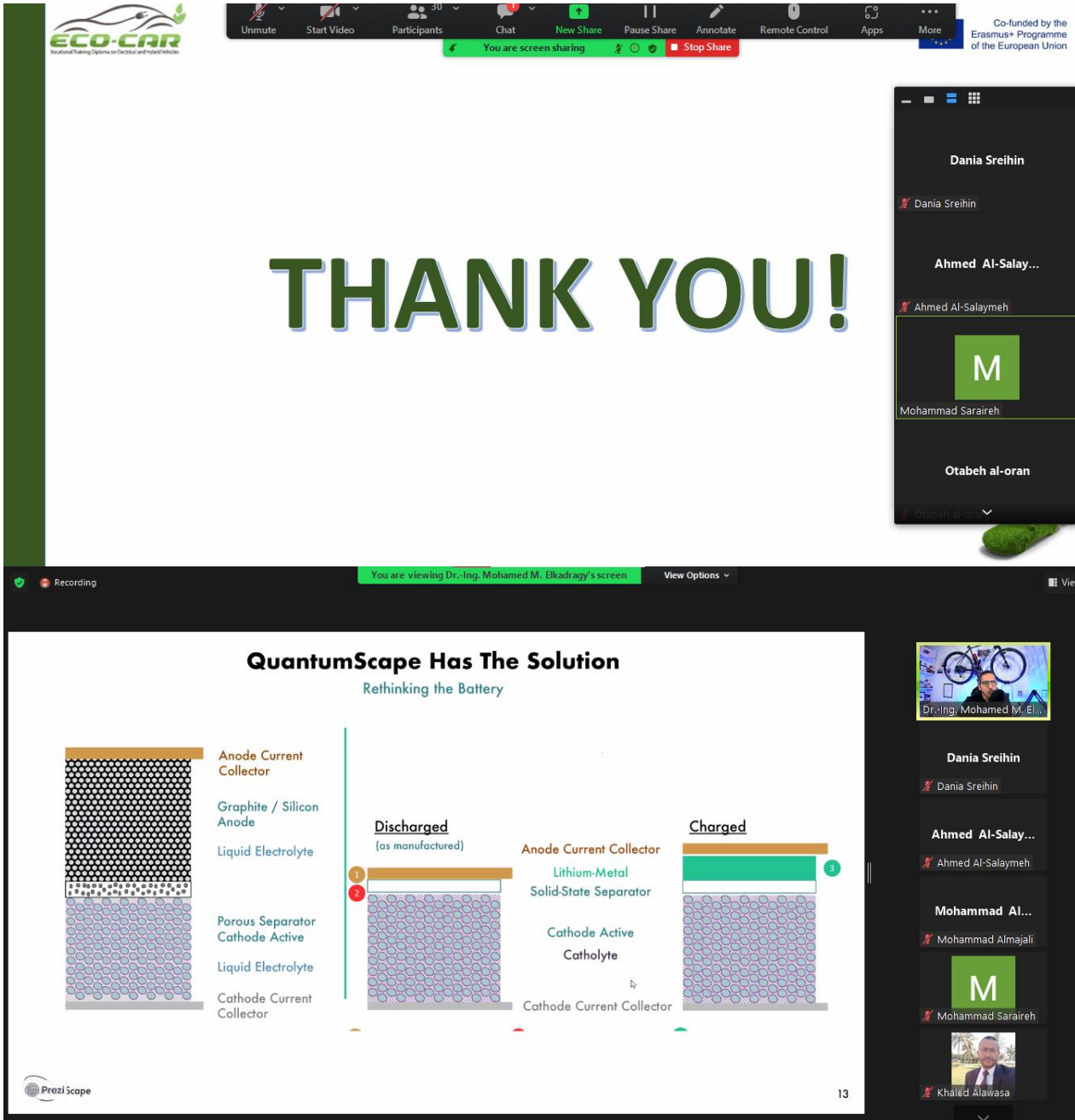
4 ZOOM participants list

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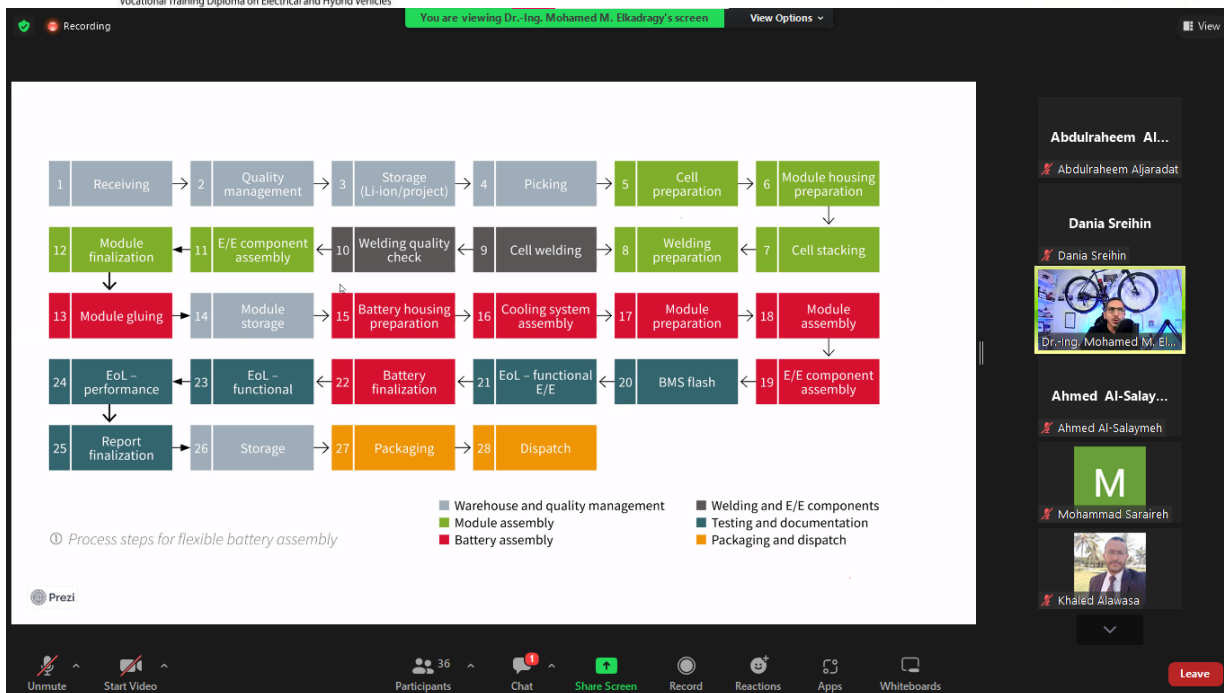
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5 Photos



The image shows a Zoom meeting interface. At the top, there is a toolbar with options like Unmute, Start Video, Participants, Chat, New Share, Pause Share, Annotate, Remote Control, Apps, and More. A green banner indicates 'You are screen sharing' and a red banner indicates 'Stop Share'. The main content area displays a large green 'THANK YOU!' message. On the right, a vertical list of participants is visible, including Dania Sreihin, Ahmed Al-Salay..., and Otahab al-oran. Below the main content, a presentation slide titled 'QuantumScape Has The Solution' is shown, with the subtitle 'Rethinking the Battery'. The slide compares a traditional battery structure with a solid-state battery structure. The traditional battery has layers: Anode Current Collector, Graphite / Silicon Anode, Liquid Electrolyte, Porous Separator, Cathode Active, Liquid Electrolyte, and Cathode Current Collector. The solid-state battery structure is shown in two states: 'Discharged (as manufactured)' and 'Charged'. The 'Discharged' state shows a Lithium-Metal layer on the Anode Current Collector, a Solid-State Separator, and a Cathode Active layer. The 'Charged' state shows the Lithium-Metal layer on the Cathode Current Collector. The slide is numbered 13 and includes the Prezi Scope logo.



6 Video

https://www.youtube.com/watch?v=ZqCD_6hhFwA&t=64s