

National Technical University of Athens (NTUA) online implementation Workshop-Report

Event type	Workshop
WP Number	WP3, WP7
WP Leader	NTUA, HTU
Event date	28-12-2023
Number of Participants	54
Total number of pages	4

Project Coordinator

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1 Event Description

National Technical University of Athens (NTUA) from Greece conducted the workshop on 28th of December 2023 as part of the implementation of ECO-CAR. The workshop was conducted via ZOOM and titled “Drivetrain configurations in Hybrid Electric Vehicles”.

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.

After which Dr.-Ing. Clio Vossou from NTUA gave the lecture “Drivetrain configurations in Hybrid Electric Vehicles”

A discussion panel was opened for participants to ask the lecturer.

2 Poster



ECO-CAR Workshop

Drivetrain configurations in Hybrid Electric Vehicles



Presented by: National Technical University of Athens

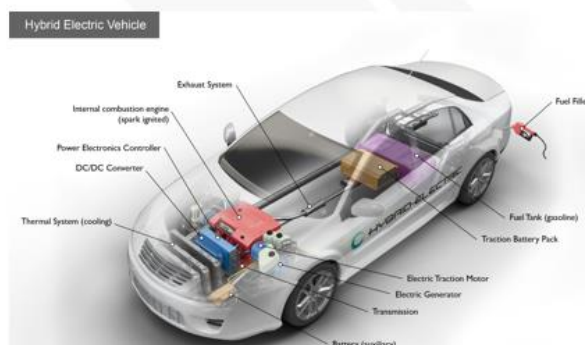
Thursday, December 28, at 15:00 (Amman time)

14:45-15:00 : Registration

15:00-15:10: Welcoming Speech, by:
Prof. Ahmed Al-Salaymeh, General Project
Coordinator at The University of Jordan

15:10-15:50: Drivetrain configurations in
Hybrid Electric Vehicles, by: Dr. Dr.-Ing. Clio
G. Vossou, NTUA

15:50-16:00: Discussion and Closing



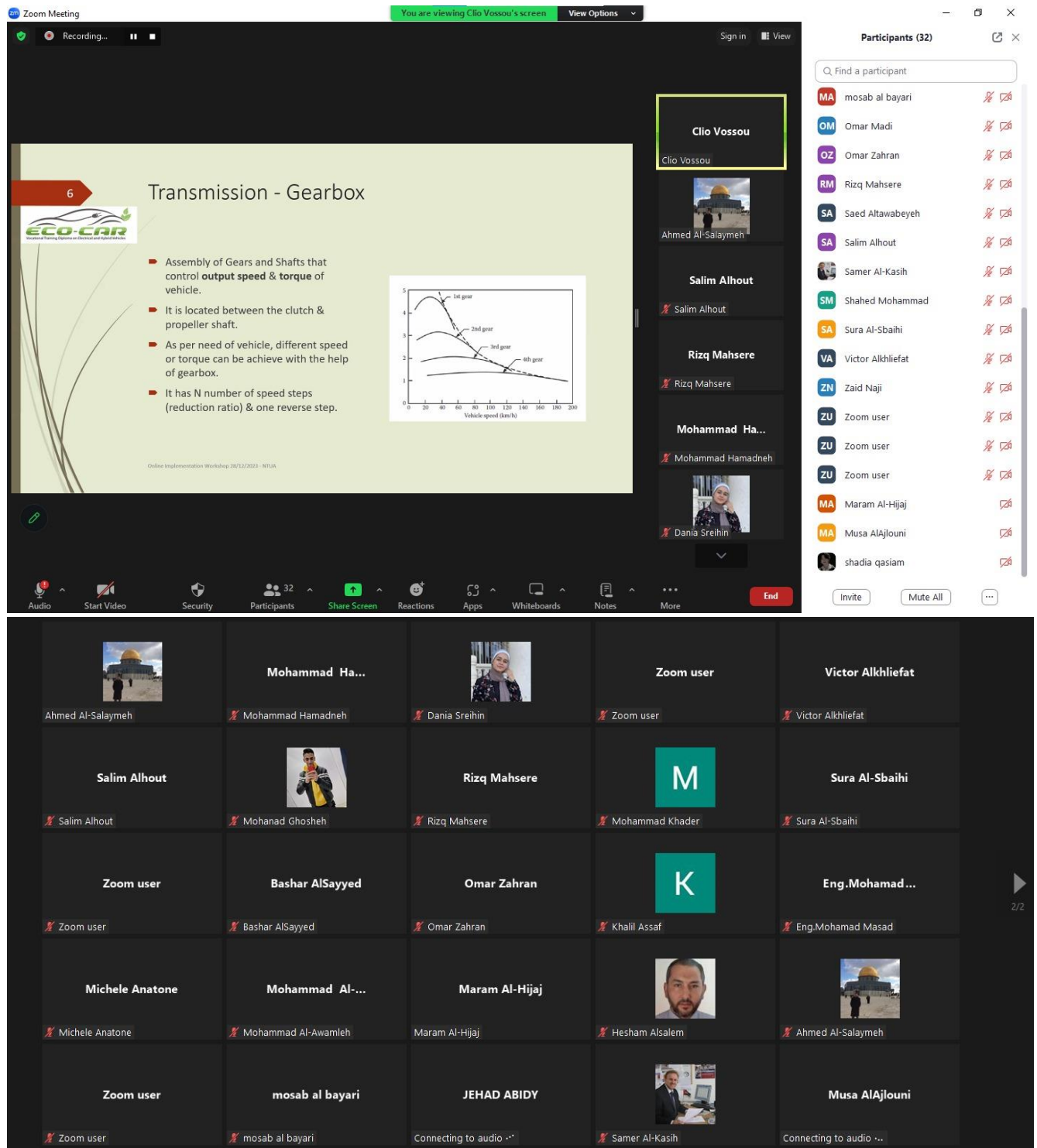
3 ZOOM participants list

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ERASMUS+ PROGRAMME Project Number: 618509-EPP-1-2020-1-JO-EPPKA2-CBHE-JP

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4 Photos



The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Transmission - Gearbox" (slide 6). The slide content includes:

- ECO-CAR logo
- Assembly of Gears and Shafts that control **output speed & torque** of vehicle.
- It is located between the clutch & propeller shaft.
- As per need of vehicle, different speed or torque can be achieve with the help of gearbox.
- It has N number of speed steps (reduction ratio) & one reverse step.

A graph shows the relationship between Vehicle speed (km/h) on the x-axis (0 to 200) and torque on the y-axis (0 to 5). Four curves represent 1st, 2nd, 3rd, and 4th gears, showing that torque decreases as speed increases for each gear.

The Zoom interface includes a top bar with "Zoom Meeting", "Recording...", "You are viewing Clio Vossou's screen", and "View Options". A right-hand sidebar shows "Participants (32)" with a search bar and a list of names with status icons. At the bottom, a gallery view shows a grid of 20 participant thumbnails, including names like Mohammad Hamadneh, Dania Sreihin, Zoom user, Victor Alkhiliefat, Salim Alhout, Rizq Mahsere, Sura Al-Sbahi, and others.

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