



تقرير ورشة عمل

Workshop Report

تم عقد ورشة عمل قدمها الدكتور أشرف شقدان

بعنوان "Climate Change impacts in Europe"

وذلك يوم الثلاثاء بتاريخ (2024/11/12)

A workshop was held, presented by Dr. Ashraf Shaqadan,

Entitled “Climate Change in Europe

This will be on Tuesday (12/11/2024), from 10:00–4:00,

in the Refugee Students Operational Support Unit RSOS unit

Workshop Summary

Workshop 1 was held at zarqa university , refugee Students Operational Support Unit (RSOS unit)
.Attendance was from university students and Syrian refugees.

Workshop Objectives

- **Deepen Understanding of Climate Dynamics:** Participants will explore the scientific principles behind climate change, including greenhouse gas emissions, feedback loops, and the role of different sectors in contributing to global warming.
- **Explore Policy Options and Trade-offs:** The workshop will facilitate hands-on experience in simulating diverse climate policies—such as carbon pricing, renewable energy investments, and energy efficiency improvements—allowing participants to see firsthand how these strategies influence emissions and temperature projections.
- **Evaluate Real-World Impacts:** Attendees will learn to assess the potential impacts of their decisions on global temperature pathways, fostering a nuanced understanding of the trade-offs involved in climate action.

Target Audience

This workshop is designed for:

- **Policymakers:** Government officials and advisors looking for evidence-based strategies to inform climate policy decisions.
- **Activists and Community Leaders:** Individuals aiming to advocate effectively for sustainable practices and policies within their communities.
- **Students and Young Professionals:** Those passionate about environmental issues who wish to develop skills in climate action advocacy.

Workshop Activities

1. **Introduction to Climate Change Science:** A brief overview of current climate science, emphasizing the urgency of addressing climate change and its global implications.
2. **Interactive Simulation Sessions:** Participants will work in small groups to navigate the En-ROADS tool, making strategic decisions about various climate policies while observing real-time impacts on projected temperature increases and other key indicators.
3. **Group Reflection and Discussion:** Following the simulation, groups will engage in discussions about their strategies, outcomes, and lessons learned, promoting collaborative learning and critical thinking.

Expected Outcomes

By the end of the workshop, participants will:

- Have a comprehensive understanding of the mechanisms driving climate change and its potential impacts on society.
- Be equipped with practical tools and knowledge to advocate for effective climate policies within their spheres of influence.
- Develop enhanced critical thinking skills regarding environmental decision-making processes.

Advertisement



دعوة للمشاركة بورشة

سيتم عقد ورشة عمل قدمها الدكتور أشرف شقدان

بعنوان "Climate Change impacts in Europe"

وذلك يوم الثلاثاء بتاريخ (2024/11/12)

من الساعة 10:00 - 4:00 في وحدة دعم الطالب (RSOS Unit)

Invitation to Workshop

A workshop will be held, presented by Dr. Ashraf Shagdan,

Entitled "Climate Change in Europe"

This will be on Tuesday (12/11/2024), from 10:00-4:00

in Refugees Students Operational Support Unit (RSOS Unit), Zarga
University

Lecture 1:



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Workshop1: Climate Change Impacts in Europe

12/Nov/2024

Lecture 2:



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Economic Costs of
Mitigating Climate
Change in Europe

Lecture 3 :



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Social Impacts and Empowering Climate Action in Europe

Technical Session

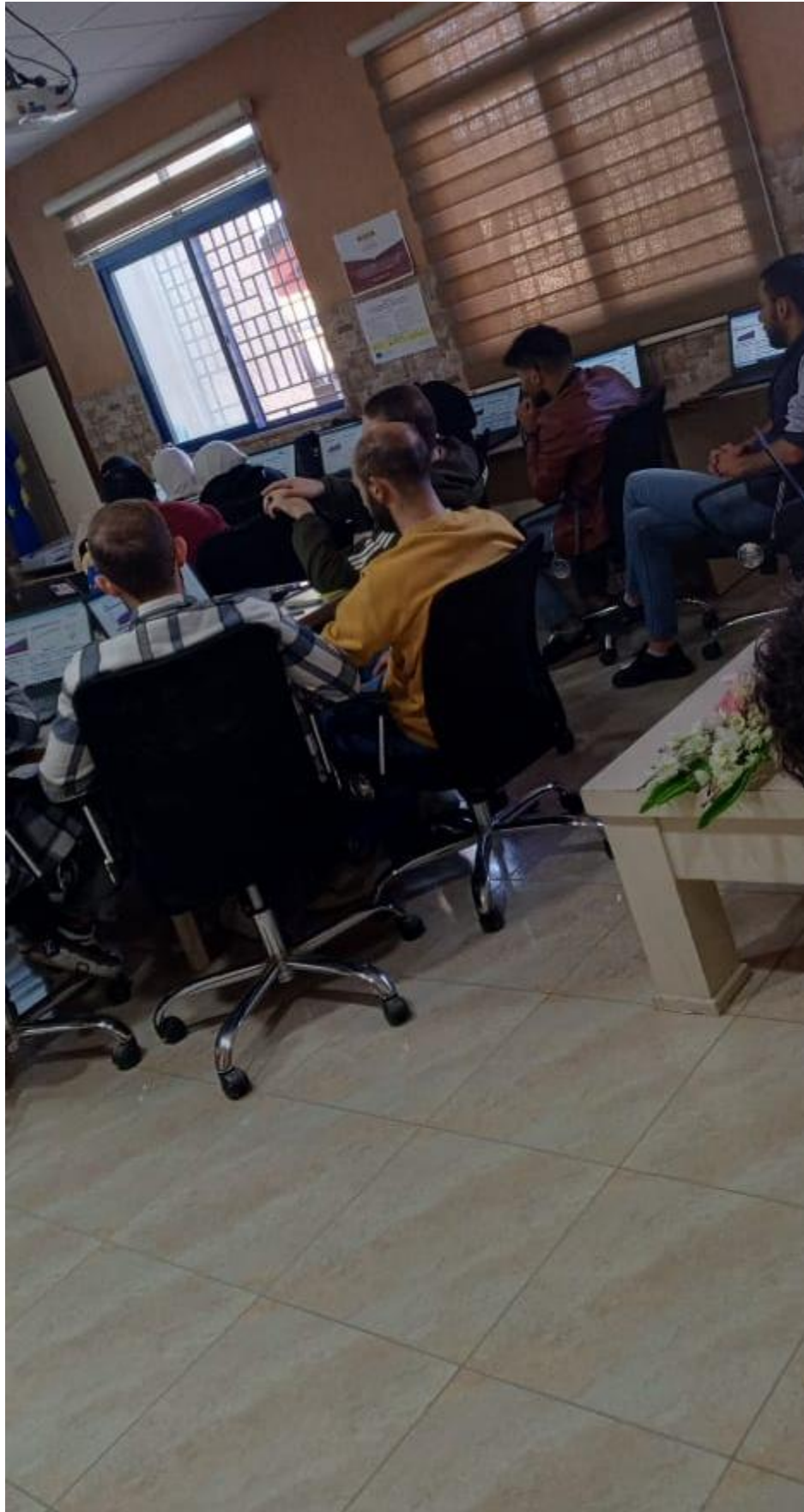
Students are divided into groups and asked to discuss and simulate suitable actions and policies to control future temperature rise to 2 °C by each 2100 .

The **En-ROADS Simulation Workshop** is an engaging and interactive experience designed to empower participants with a deeper understanding of climate change and the effectiveness of various policy actions. Utilizing the En-ROADS simulation tool, developed by Climate Interactive, this workshop provides a dynamic platform for exploring the complex interplay between human activities, energy systems, and climate outcomes.

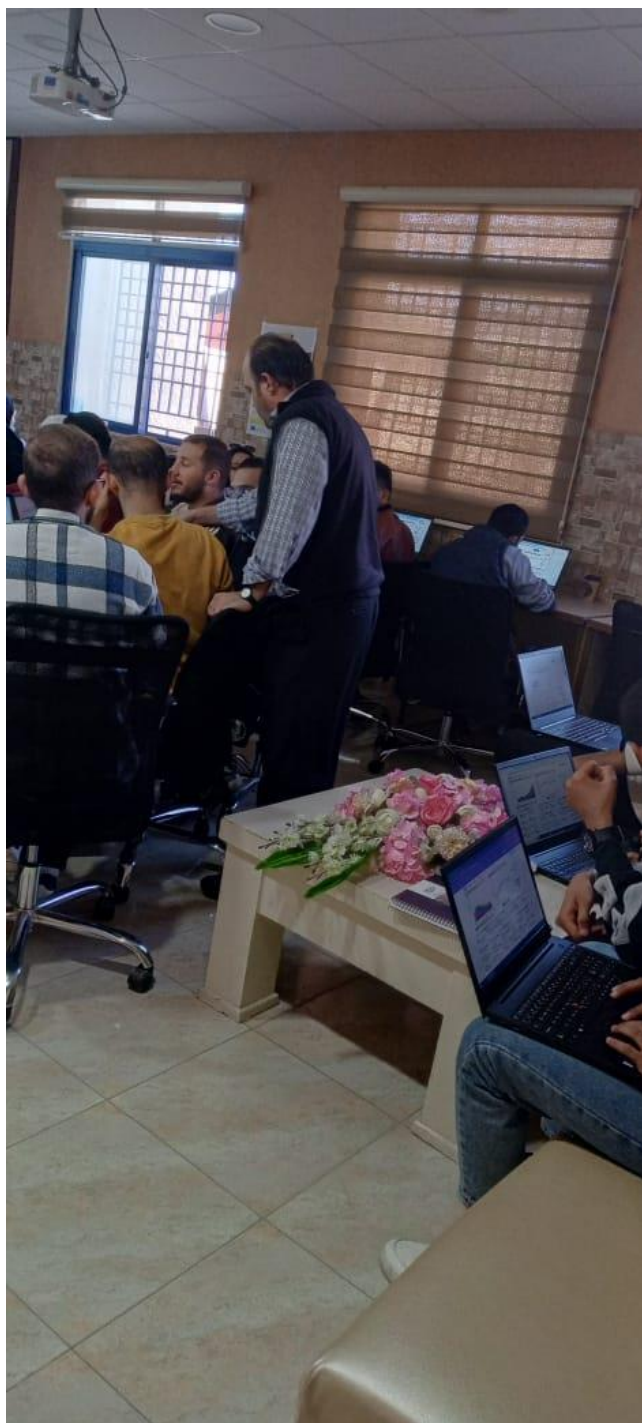


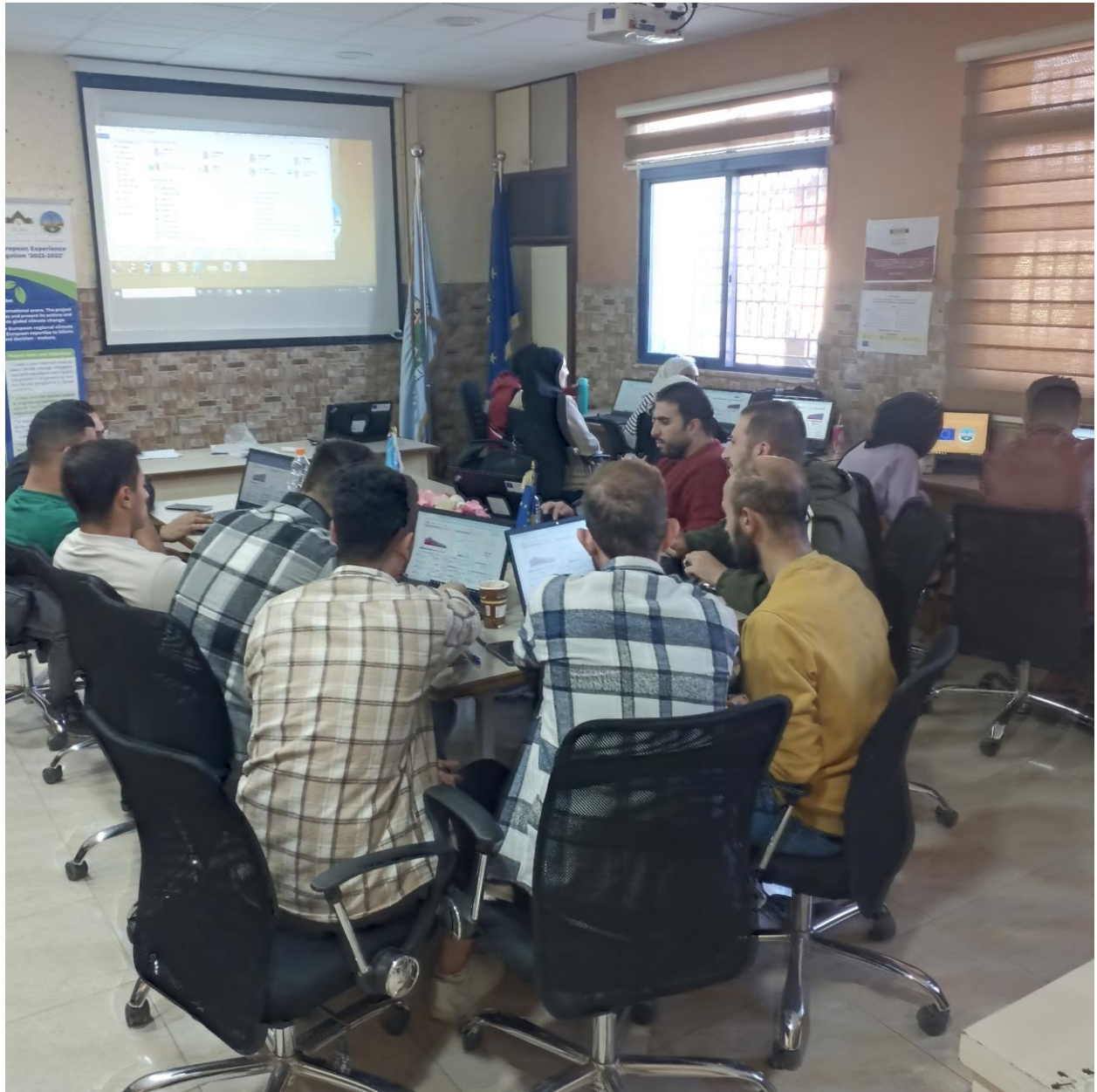


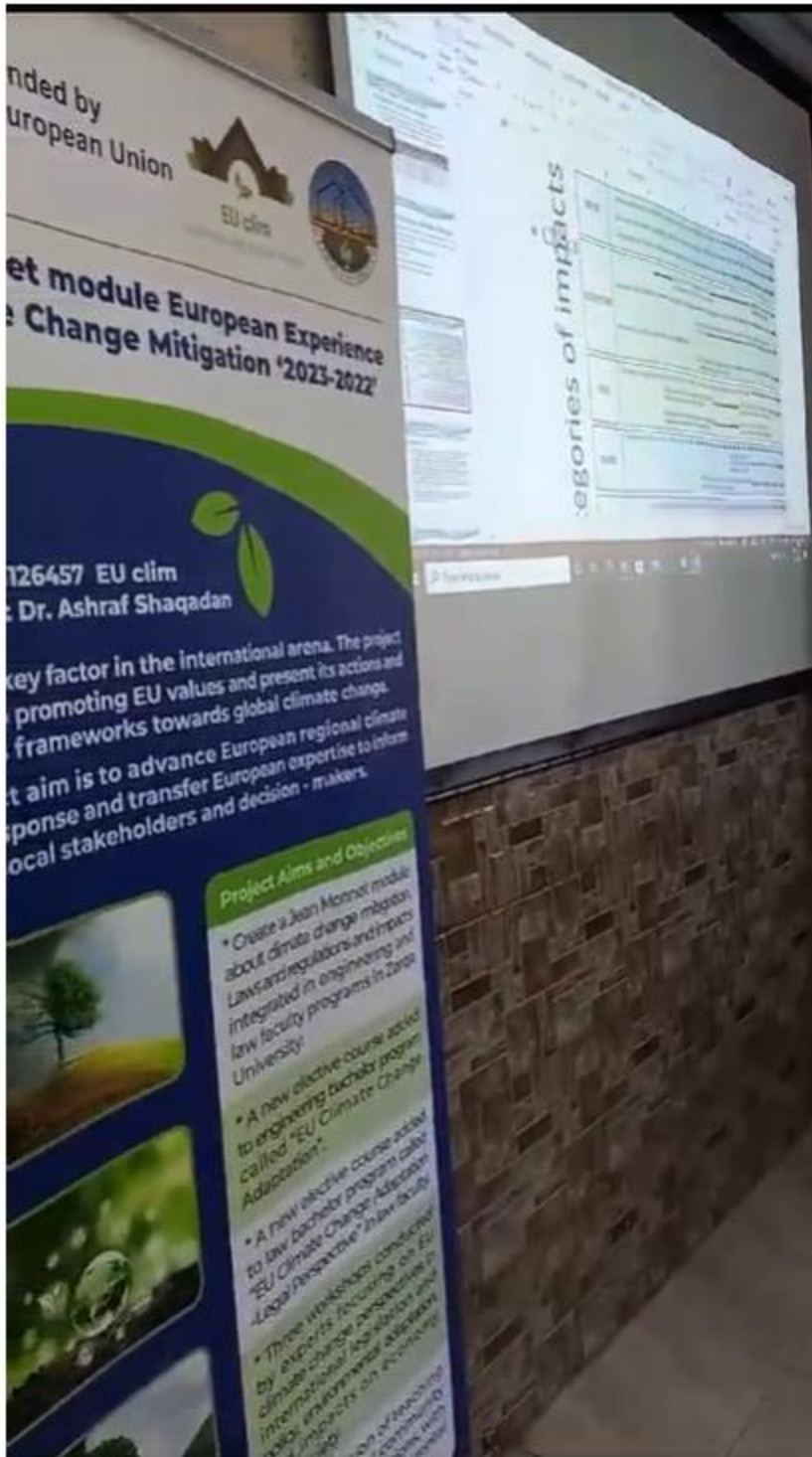


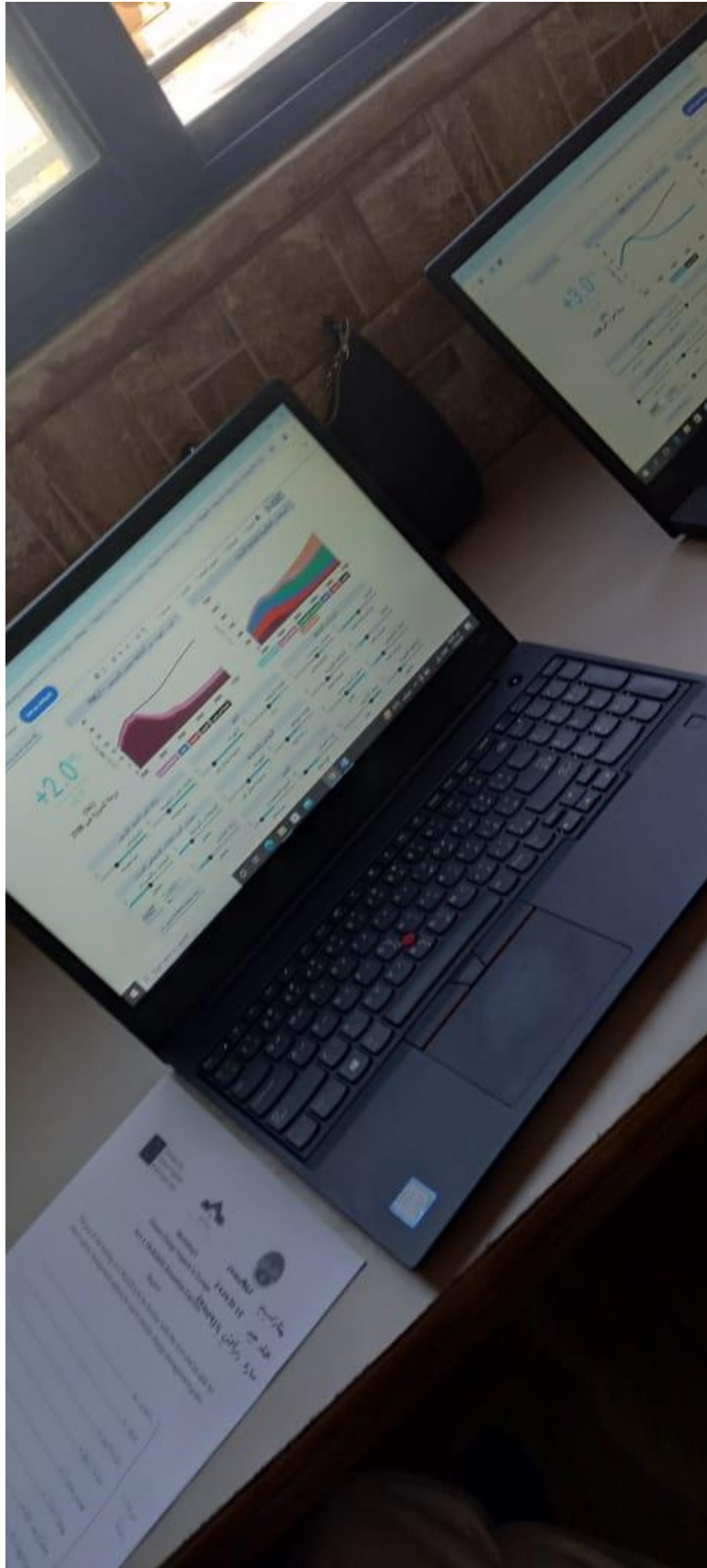


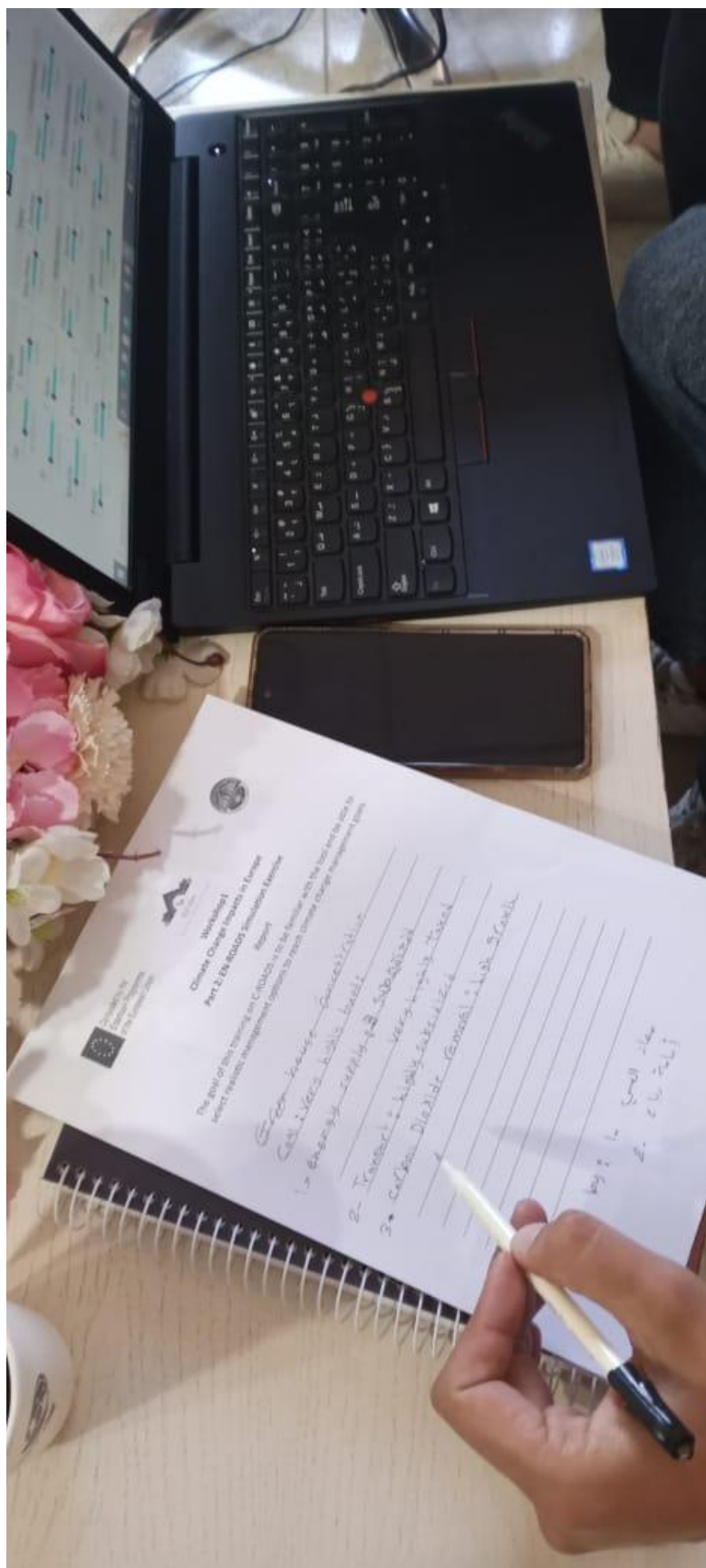










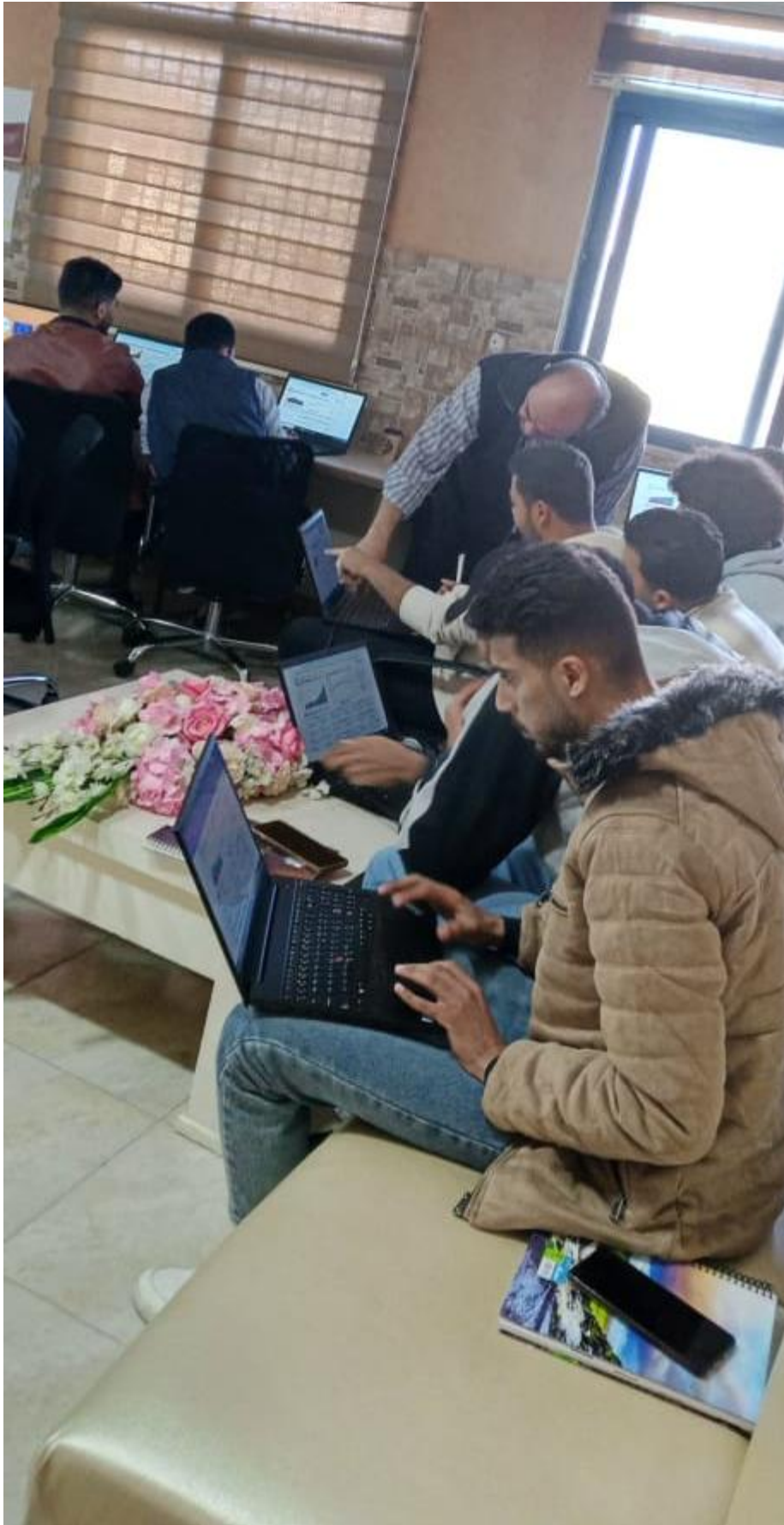


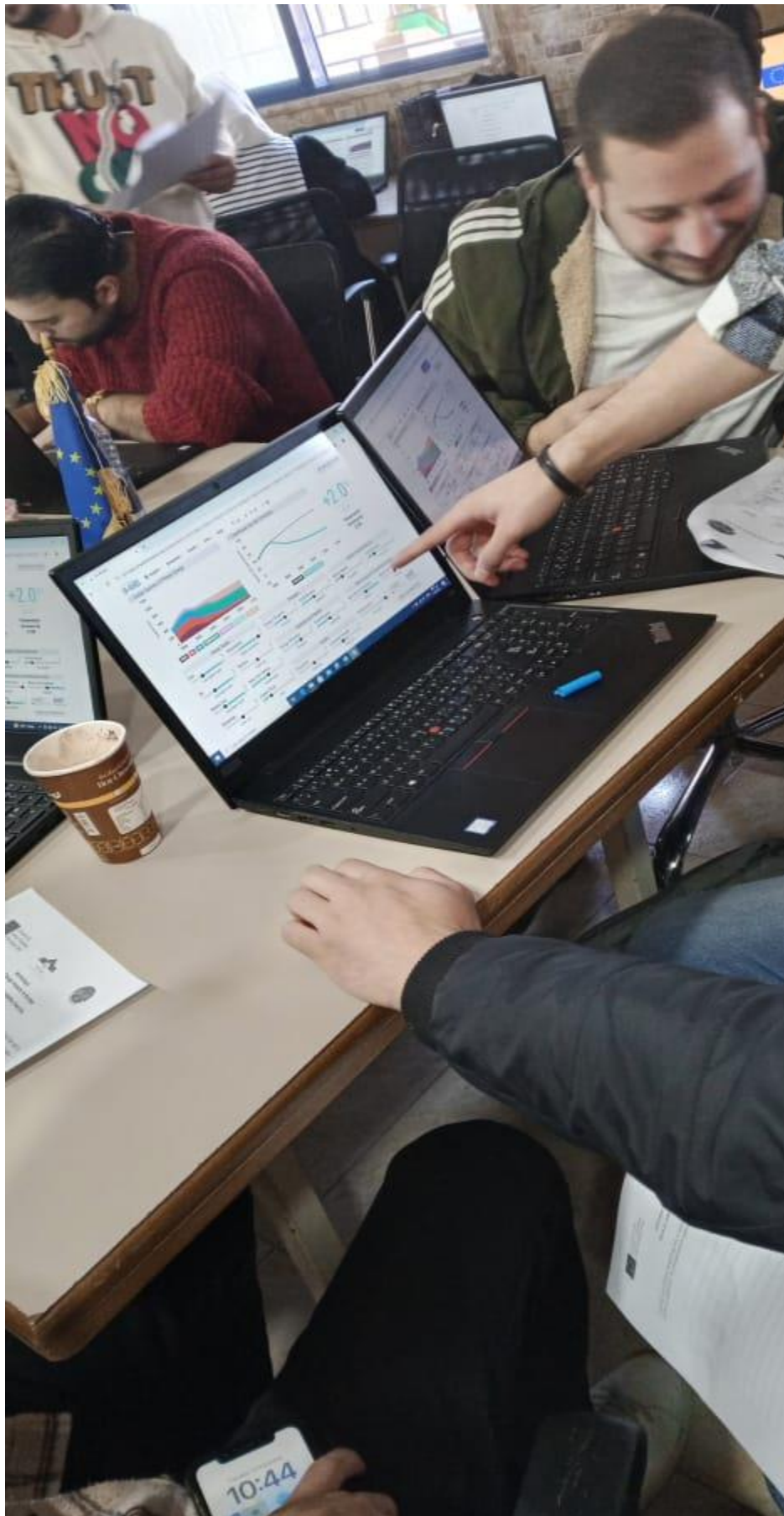


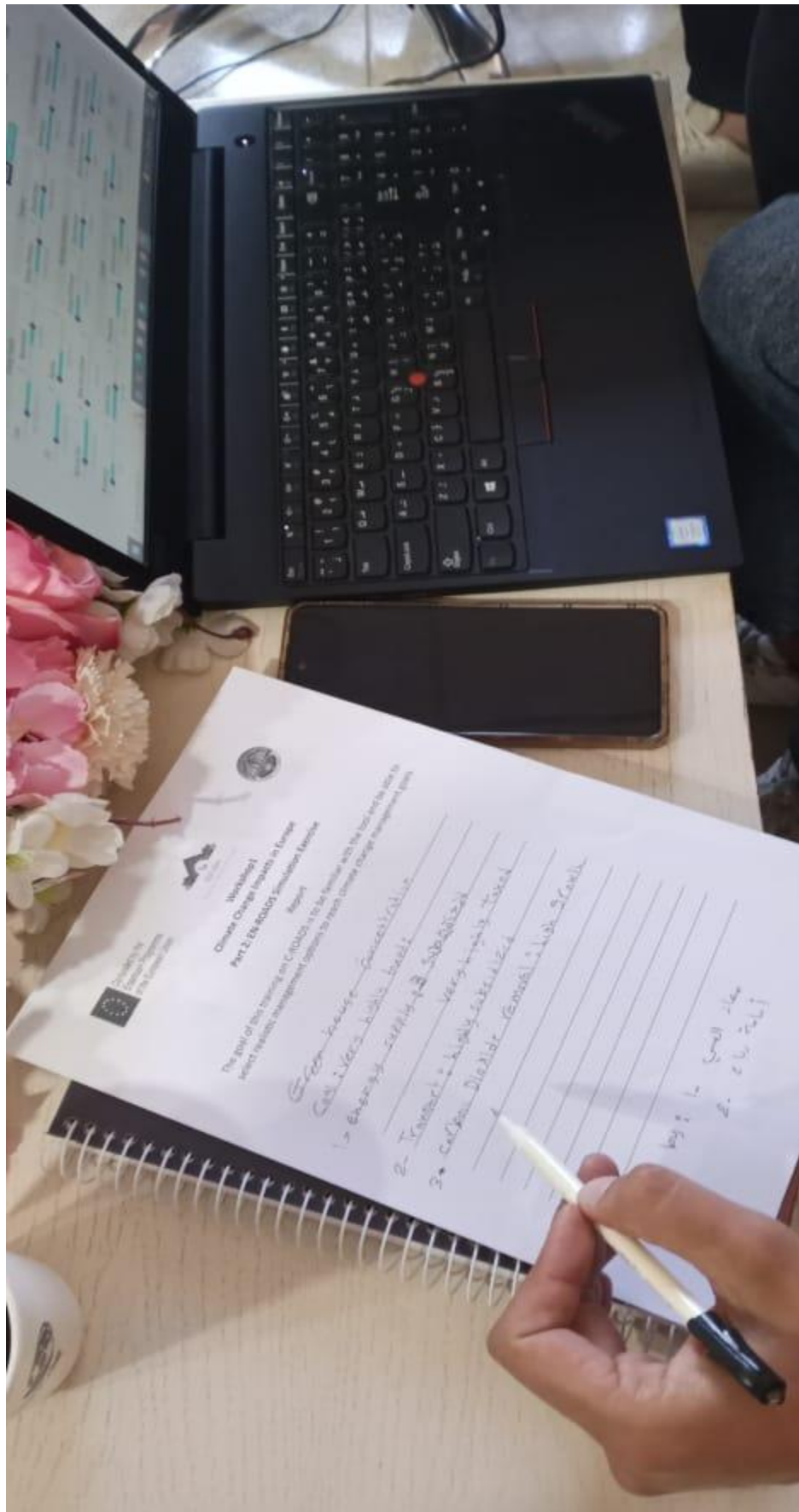


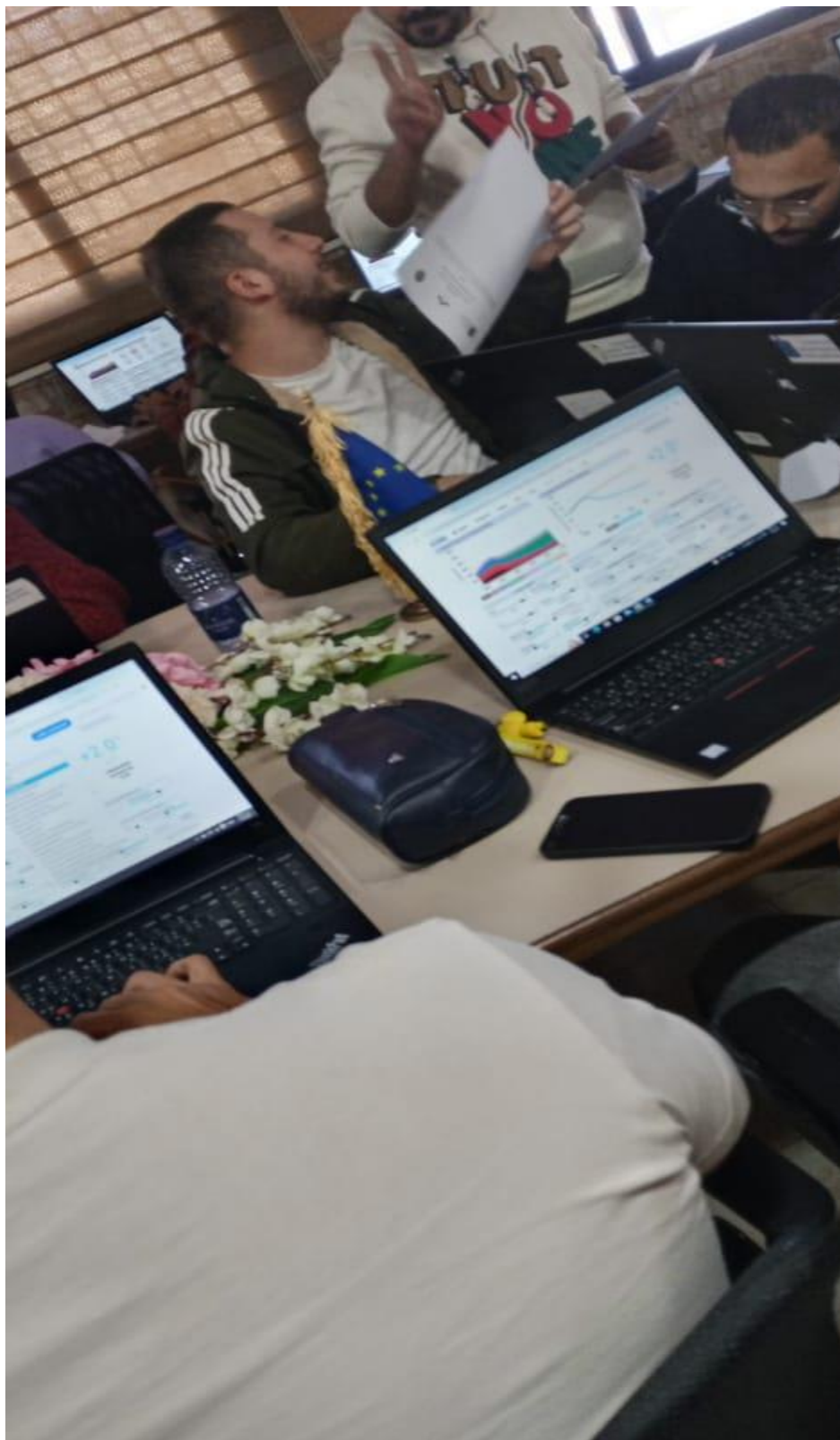


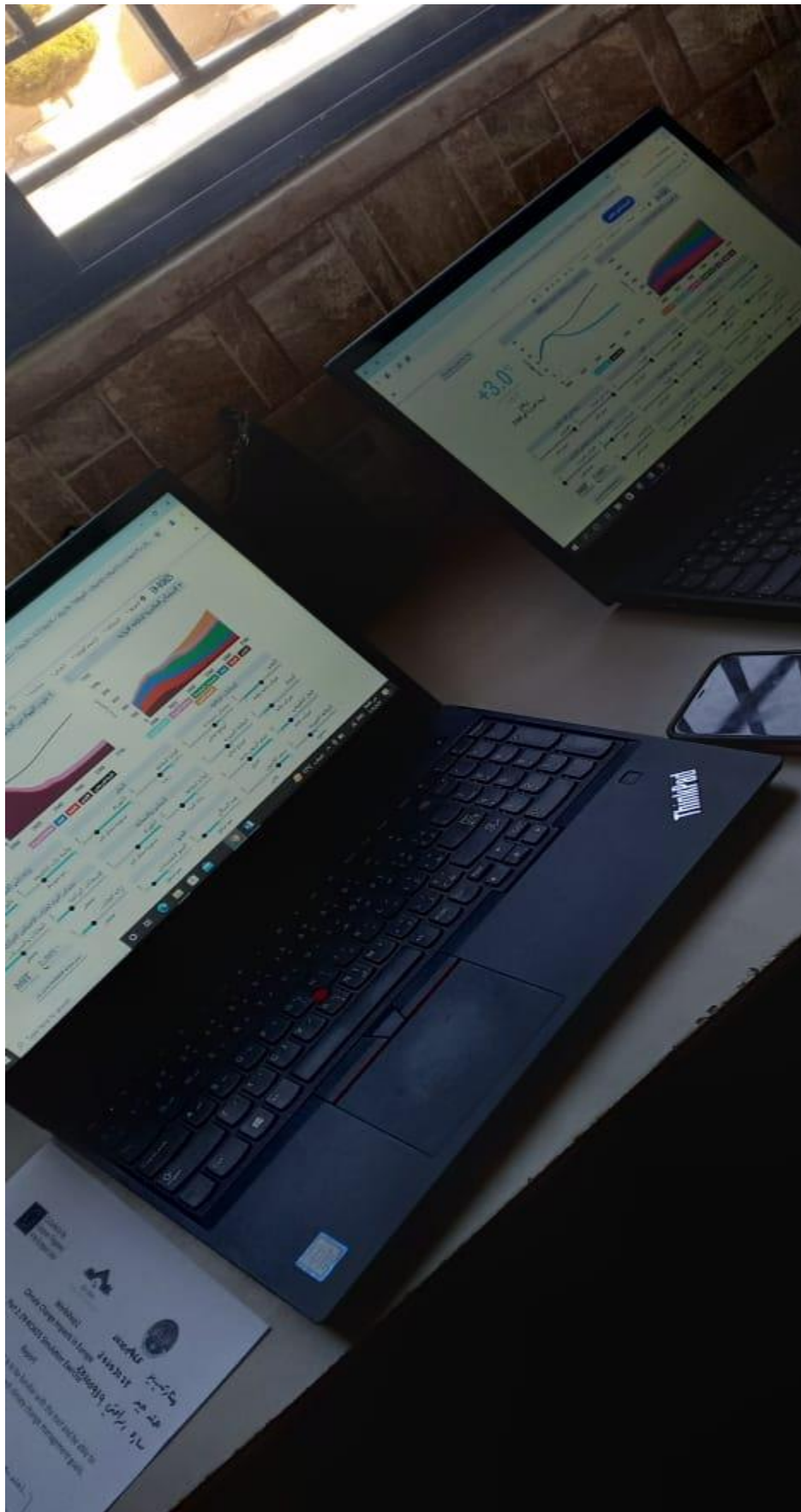

















Participants Reports

Group1 : Bilal Al khraisat

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Research and Innovation 2020-2024

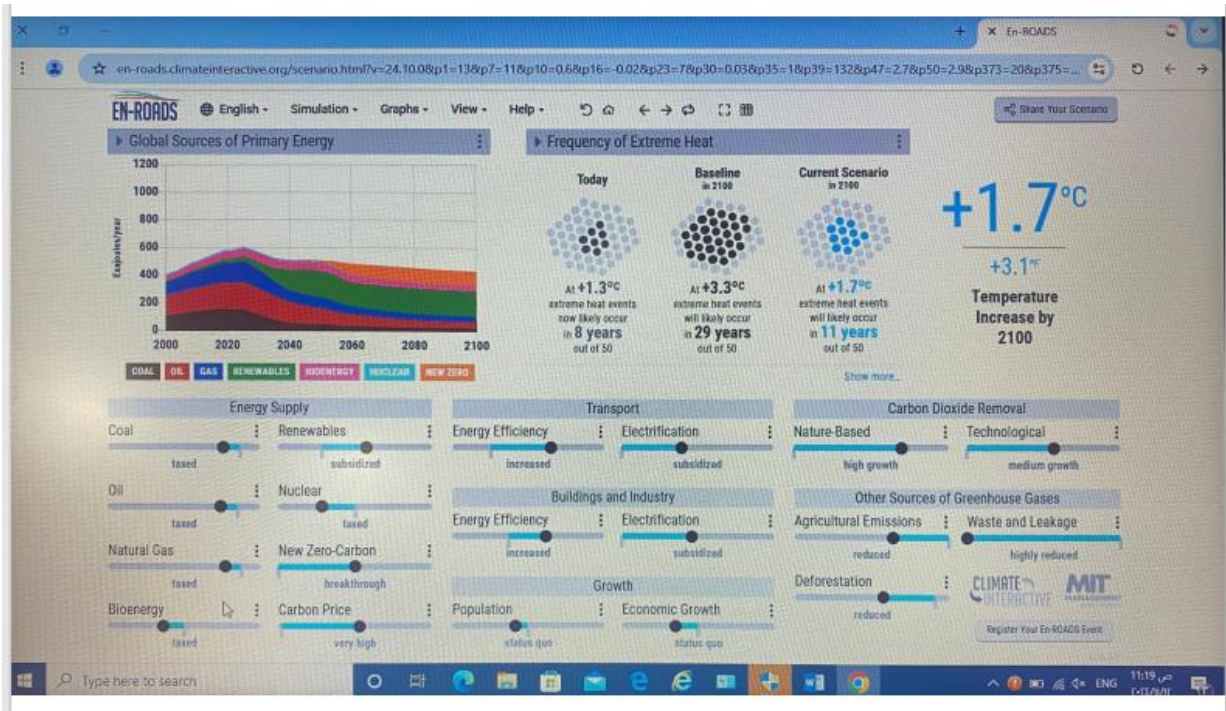


Bilal Abedel Al-Khraisat
20200394

Workshop1
Climate Change Impacts in Europe
Part 2: EN-ROADS Simulation Exercise
Report

The goal of this training on C-ROADS is to be familiar with the tool and be able to select realistic management options to reach climate change management goals.

*We had changed in Energy supply by
taked coal and oil and Nuclear (fossil fuel)
a littel chng to decreess the used fue
lt so it will be more clear, we want
to increess the enegy effaincy and electrfooth
in two important thing:- in transport and
Building and indrsty, we want to increess
The Technology Growth and Natural
Based to improve more techness to decress
The un usehd emisen, we want to*





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Group :

Mahmoud Abu-hajar

Huthifa AL-atta

Mohammed Ebo

Workshop1

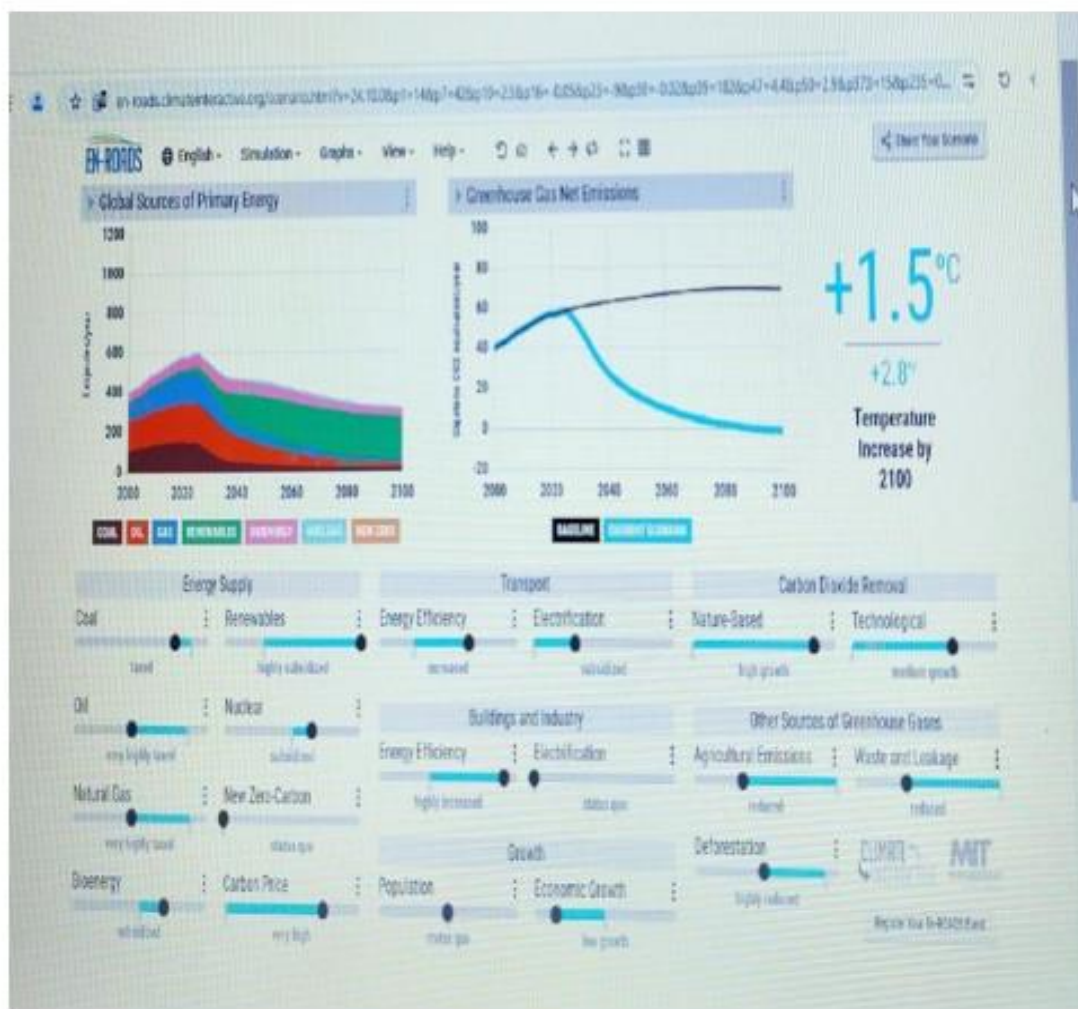
Climate Change Impacts in Europe

Part 2: EN-ROADS Simulation Exercise

Report

The goal of this training on C-ROADS is to be familiar with the tool and be able to select realistic management options to reach climate change management goals.

The EN-ROADS simulation illustrates how different interventions can limit global warming. Taxing coal, oil, and gas reduces their use and emissions, while subsidizing renewables shifts energy reliance away from fossil fuels. Improving efficiency in industry and transport lowers energy demand, cutting emissions. Electrifying these sectors also reduces dependency on fossil fuels. Expanding carbon removal efforts offsets emissions, while reducing agricultural emissions and preventing deforestation help limit greenhouse gases. Lower population and economic growth can further reduce demand and emissions. Together, these measures aim to keep temperature rise within 1.5°C by 2100.





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Workshop1

Climate Change Impacts in Europe

Part 2: EN-ROADS Simulation Exercise

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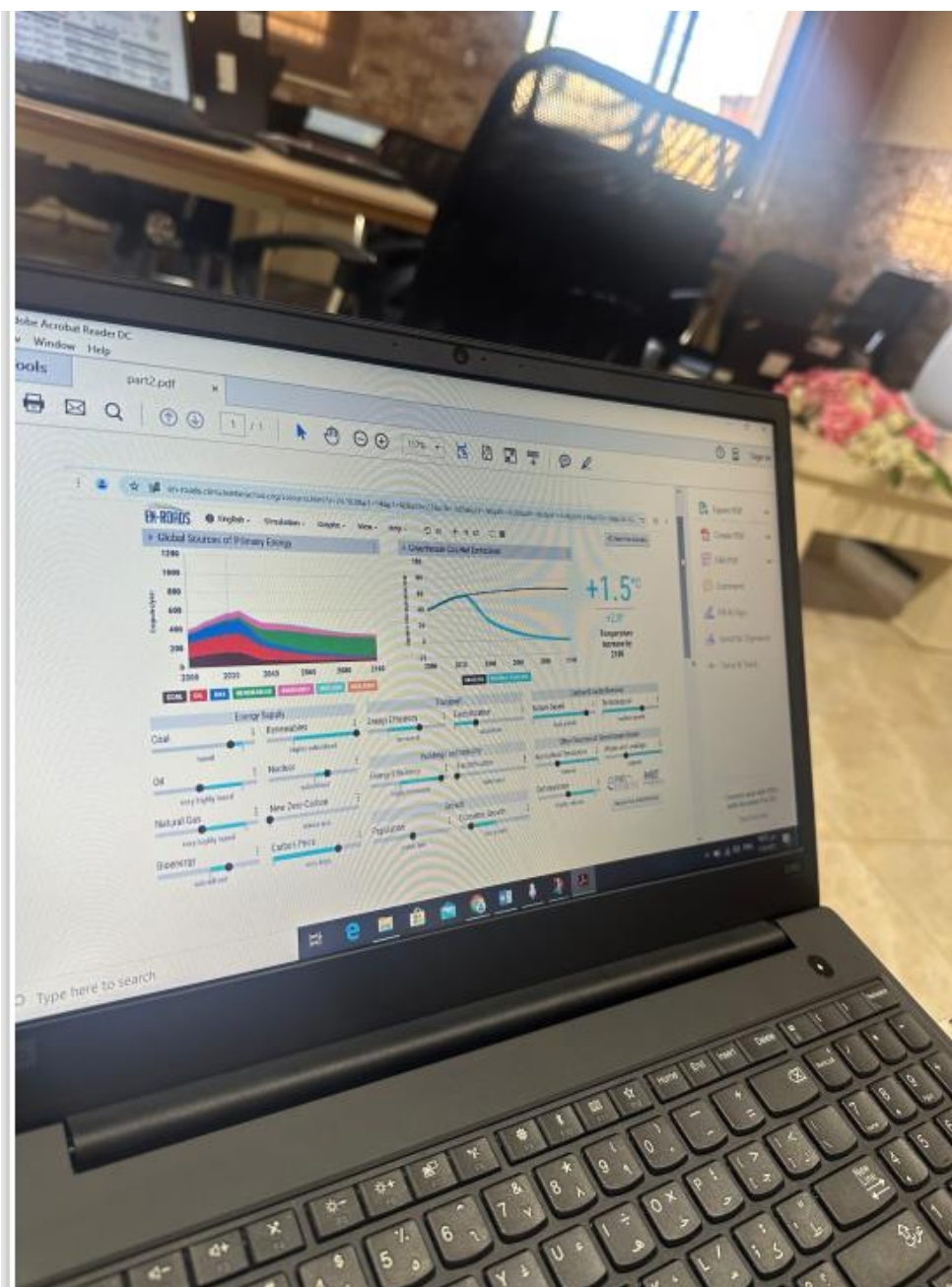
The goal of this training on C-ROADS is to be familiar with the tool and be able to select realistic management options to reach climate change management goals.


Several functions have been adjusted so we meet the 1.5°C warming target. This includes a natural increase in the sector of revolutions against non-profit organizations, and they need a new force in a major way. They have also strengthened the movement for change and industrialization. Additionally, they encouraged decarbonization through technical and natural solutions, reduced emissions from agriculture, and decreased deforestation. All these modifications help reduce emissions to meet the climate goal we set.


Group


Abdullah Kanaan

Ammar Abu Bakr



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European Union Climate Change



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*Reducing Greenhouse Gases Emissions

By:-

1- Reduce Agricultural emission.

By
→ Livestock management/Fertilizer optimization.

2- Reduce waste emissions.

- Reducing food waste / waste diversion.

3- Deforestation still steadily.

By:-

- Mohammad Samha. 20200449.

- Abdullah Mohammad. 20212973.

