

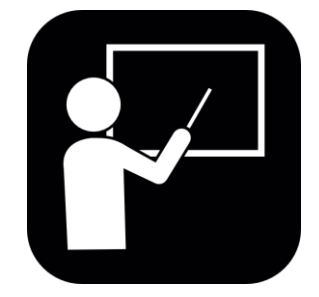
Hands-On Training in Photovoltaic Reliability Assessment: A Multinational Educational Approach under the PROMISE Project

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About the Advanced Workshop on PV reliability

- It was a **one-week** advanced school organized under the PROMISE project to enhance solar photovoltaic research in Malta.
- Students from **20 countries** engaged in hands-on training using **electroluminescence, thermal imaging, UV-fluorescence, and visual inspection** to assess PV module reliability.
- The training included a **board game simulating PV system** operations, fostering critical thinking and teamwork.
- This initiative highlights the **importance of experiential learning** for advancing photovoltaic system reliability and preparing students for real-world applications.

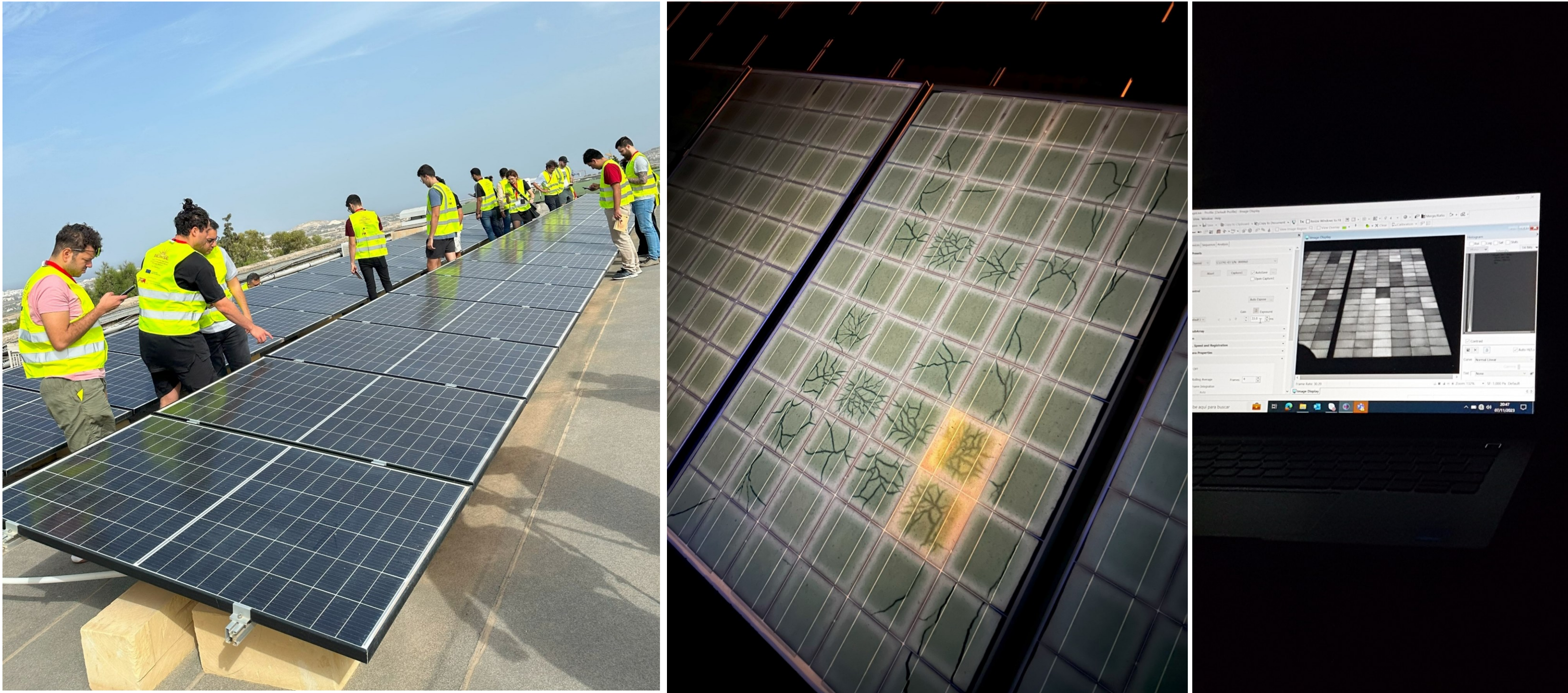
Approach

	 Talks and feedback by experts	 Experiential learning	 Game based learning
Foundational knowledge development	√		
Cognitive skills	√	√	√
Technical skills		√	√
Practical abilities		√	√
Social interaction and communication		√	√
Methodological competences		√	√

Talks and feedback by experts



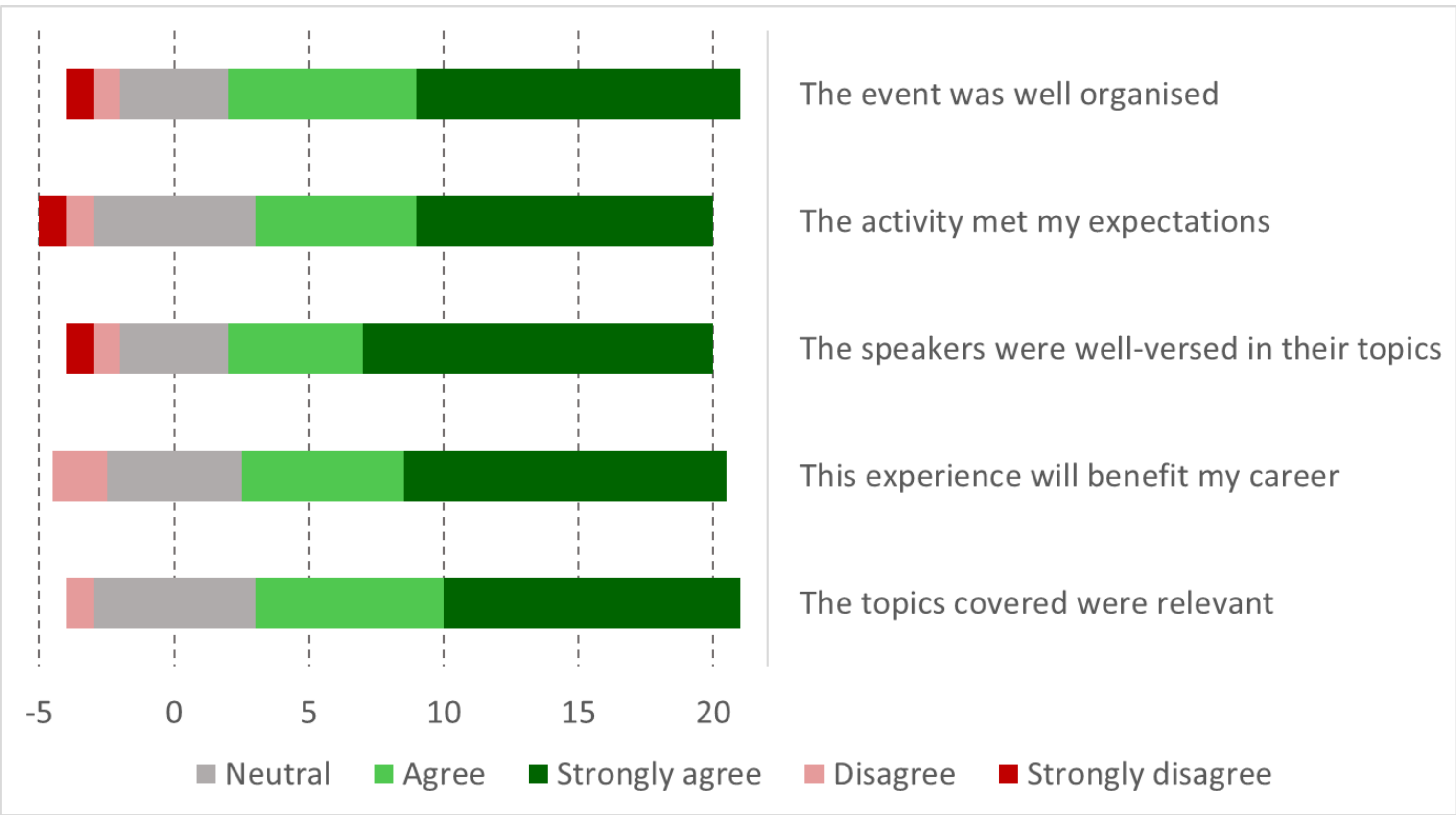
Experiential learning



Game based learning



Satisfaction survey



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