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Sommario/riassunto

This book presents peer-reviewed articles from the 1st International Conference on New Energy (ICNE 2022), held on 1–2 December at Sarawak in Malaysia. This book highlights the current trends/studies on fundamental of hydrogen technologies and the application of hydrogen as the new sustainable renewable energy. Topics included but not limited to are: hydrogen production, its storage and transportation, and hydrogen utilization. This book contributes in making green hydrogen competitive and ready for a scale up in the 2030s, towards the objective of reaching net zero emissions by 2050.