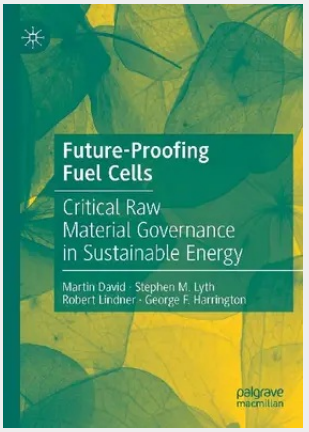
David / Lyth / Lindner

Future-Proofing Fuel Cells

Critical Raw Material Governance in Sustainable Energy



As the world accelerates towards a renewable energy transition, the demand for critical raw materials (CRMs) for energy generation, conversion, and storage technologies is seeing a drastic increase. Such materials are not only subject to limited supply and extreme price volatility but can also represent serious burdens to the environment, to human health, and also to socio-political systems. Taking an interdisciplinary perspective, this book provides a novel perspective on the discussion about material dependencies of energy technologies. It examines CRMs use in fuel cells, an emerging energy conversion technology, and discusses governance strategies for early-stage fuel cell development to predict and avoid potential issues. This will be an invaluable resource for researchers in energy studies, engineering, sociology and political science as well as those with a general interest in this field looking for an accessible overview.

As the world accelerates towards a renewable energy transition, the demand for critical raw materials (CRMs) for energy generation, conversion, and storage technologies is seeing a drastic increase. Such materials are not only subject to limited supply and extreme price volatility but can also represent serious burdens to the environment, to human health, and also to socio-political systems. Taking an interdisciplinary perspective, this book provides a novel perspective on the discussion about material dependencies of energy technologies. It examines CRMs use in fuel cells, an emerging energy conversion technology, and discusses governance strategies for early-stage fuel cell development to predict and avoid potential issues. This will be an invaluable resource for researchers in energy studies, engineering, sociology and political science as well as those with a general interest in this field looking for an accessible overview.

149,79 €
139,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030768089
Medium: Buch
ISBN: 978-3-030-76808-9
Verlag: Springer
Erscheinungstermin: 13.07.2022
Sprache(n): Englisch
Auflage: 1. Auflage 2021
Produktform: Kartoniert
Gewicht: 207 g
Seiten: 135
Format (B x H): 148 x 210 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)