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| Autore                  | Crastan Valentin  |
| Titolo                  | Key Figures for Achieving Global Climate Goals [[electronic resource] ] : Volume II: America, the Middle East and South Asia, East Asia and Oceania / / by Valentin Crastan   |
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| Edizione                | [1st ed. 2024.]   |
| Descrizione fisica      | 1 online resource (XXIII, 195 p. 181 illus., 180 illus. in color.)  |
| Disciplina              | 333.7   |
| Soggetti                | Energy policy<br>Energy and state<br>Climatology<br>Power resources<br>Environment<br>Cogeneration of electric power and heat<br>Fossil fuels<br>Energy Policy, Economics and Management<br>Climate Sciences<br>Natural Resource and Energy Economics<br>Environmental Sciences<br>Fossil Fuel  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di contenuto       | Energy economic analysis (including population, gross domestic product, emissions) -- Energy flows in 2016 -- Energy and CO2 intensity of energy -- CO2 sustainability indicator -- CO2 emissions and scenario for meeting the 2-degree target -- Data from countries in the Americas -- Data from countries in the Middle East and South Asia -- Data from countries in East Asia and Oceania. |
| Sommario/riassunto      | This volume analyses the energy industry for the following geographical units: America – divided into North America (Canada + USA) and Central and South America –, the Middle East and South Asia,   |

East Asia and Oceania. The key energy-economic indicators for each region and country and their development, are illustrated in numerous graphs and energy flow diagrams. Based on this analysis, the author recommends a distribution of emission reductions necessary to limit climate change (for the 2°C and 1.5°C climate goals, with a perspective up to 2050). The continents covered in this volume collectively account for 77% of emissions. Europe + Eurasia and Africa will be addressed in volume I. Content: Energy industry analysis (population, energy supply, GDP and emissions) Updated energy flows Energy and CO2 intensity of energy, CO2 sustainability indicator CO2 emissions and scenarios for achieving the 2-degree and 1.5-degree goals Detailed data from countries in the Americas, the Middle East, and South Asia, as well as countries in East Asia and Oceania Target audience: Professionals and decision-makers in companies, politics, associations, and national as well as international institutions Lecturers and students in the fields of energy economics, energy and environmental engineering, and politics Interested laypersons The author: Professor emeritus Valentin Crastan, after practical and managerial roles in energy technology companies, was appointed as a professor of energy systems and control engineering at the Bern University of Applied Sciences, in Biel. Additionally, he served for nine years as the dean of the Department of Electrical and Communication Engineering. The translation was done with the help of artificial intelligence. A subsequent human revision was done primarily in terms of content. .

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