

1. Record Nr.	UNINA9910312554703321
Autore	Oliveira, Paula de
Titolo	Politica e progetto : un'esperienza di base in Portogallo / Paula de Oliveira, Francesco Marconi
Pubbl/distr/stampa	Milano : Feltrinelli, 1977
Descrizione fisica	187 p., 6 c. di tav. : ill. ; 18 cm
Collana	I nuovi testi ; 125
Disciplina	301.54
Locazione	DARPU
Collocazione	RGT 1805
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Traduzione dal portoghese di Maria Adele Chiavolini

2.	Record Nr.	UNIORUON00141325
	Autore	HISAKI Katsuaki
	Titolo	Seikai tate-yoko ki / Hisaki Katsuaki
	Pubbl/distr/stampa	Tokyo, : Dai Nihon Yubenkai, 1921
	Descrizione fisica	412 p. ; 20 cm
	Classificazione	T.G.
	Lingua di pubblicazione	Giapponese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNINA9910337893803321
	Autore	Wellmer Friedrich-Wilhelm
	Titolo	Raw Materials for Future Energy Supply / / by Friedrich-W. Wellmer, Peter Buchholz, Jens Gutzmer, Christian Hagelüken, Peter Herzig, Ralf Littke, Rudolf K. Thauer
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-319-91229-1
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (248 pages)
	Disciplina	333.79
	Soggetti	Geology Renewable energy sources Materials Catalysis Force and energy Biogeography Renewable Energy Materials for Energy and Catalysis Biogeosciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Nota di contenuto

Grundlagen -- Rohstoffversorgung und Einflüsse der Weltwirtschaft --
Aktuelle Rohstoffsituation – ein Überblick -- Entwicklung des
Rohstoffbedarfs des Energiesystems -- .

Sommario/riassunto

This is the first book that analyses the future raw materials supply from the demand side of a society that chiefly relies on renewable energies, which is of great significance for us all. It addresses primary and secondary resources and substitution, not only from technical but also socioeconomic and ethical points of view. The “Energiewende” (Energy Transition) will change our consumption of natural resources significantly. When in future our energy requirements will be covered mostly by wind, solar power and biomass, we will need less coal, oil and natural gas. However, the consumption of minerals, especially metallic resources, will increase to build wind generators, solar panels or energy storage facilities. Besides e.g. copper, nickel or cobalt, rare earth elements and other high-tech elements will be increasingly used. With regard to primary metals, Germany is 100 % import dependent; only secondary material is produced within Germany. Though sufficient geological primary resources exist worldwide, their availability on the market is crucial. The future supply of the market is dependent on the development of prices, the transparency of the market and the question of social and ethical standards in the raw materials industry, as well as the social license to operate, which especially applies to mining. The book offers a valuable resource for everyone interested in the future raw material supply of our way of life, which will involve more and more renewable energies.
