1. Record Nr. UNINA9910552710203321

Autore Pfoser Sarah

Titolo Decarbonizing freight transport : acceptance and policy implications / /

Sarah Pfoser

Pubbl/distr/stampa Wiesbaden, : Springer Nature, 2022

Wiesbaden: ,: Springer Fachmedien Wiesbaden GmbH, , 2022

©2022

ISBN 3-658-37103-X

Descrizione fisica 1 online resource (xxiii, 128 pages) : illustrations (some color)

Soggetti Business logistics - Environmental aspects

Freight and freightage - Environmental aspects

Transportation and state

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto Introduction Conceptual background Research design Strategies for

sustainable freight transport The acceptance of sustainable freight transport Policy measures to promote sustainable freight transport

Conclusion

Sommario/riassunto This Open-Access-Book analyzes the acceptance of sustainable freight

transport and suggests a new framework for policy measures to decarbonize freight transport. Despite intense political endeavors, the environmental performance of the transport system has not improved in the previous years. It seems that the existing measures are not sufficient to motivate transport users to implement sustainable freight transport strategies. The case of three different strategies for

sustainable freight transport is studied: horizontal collaboration in a Physical Internet network, multimodal freight transport and liquefied natural gas (LNG) as alternative truck fuel. Each of these three strategies falls within a different pillar of the avoid-shift-reduce framework. The determinants of acceptance and suggested policy measures in this study reflect transport users' needs towards

sustainable freight transport. This should support policy makers and the logistics industry to implement sustainable practices and achieve

the ambitious emission targets by decarbonizing freight transport.