



Universiteit
Leiden
The Netherlands

Trading Responsibility: navigating national burdens in a globalized world

Navarre, N.H.

Citation

Navarre, N. H. (2024, June 6). *Trading Responsibility: navigating national burdens in a globalized world*. Retrieved from <https://hdl.handle.net/1887/3761727>

Version: Publisher's Version

[Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

License: <https://hdl.handle.net/1887/3761727>

Note: To cite this publication please use the final published version (if applicable).

Trading Responsibility

Navigating national burdens in a globalized
world

Nicolas H. Navarre

© Nicolas H. Navarre (2024)

Trading Responsibility Navigating national burdens in a globalized world

PhD Thesis at Leiden University, The Netherlands

The research described in this thesis was conducted at the Institute of Environmental Sciences (CML), Leiden University, the Netherlands. All rights reserved. No parts of this publication may be reproduced in any form without the written consent of the copyright owner.

An electronic copy of this thesis can be found at
<https://scholarlypublications.universiteitleiden.nl>

ISBN: 978-90-903-8533-4

Cover: Nicolas H. Navarre

Layout: Nicolas H. Navarre

Printing: Ipkamp Printing

Trading Responsibility

**Navigating national burdens in a globalized
world**

Proefschrift

ter verkrijging van
de graad van doctor aan de Universiteit Leiden,
op gezag van rector magnificus prof.dr.ir. H. Bijl,
volgens besluit van het college voor promoties
te verdedigen op dinsdag 6 juni 2024
klokke 16:15 uur

door

Nicolas H. Navarre
geboren te Syracuse, NY, United States
in 1992

Promotor:

Prof. dr. A. Tukker

Co-promotores:

Dr. V. Barbarossa

Dr. J.M. Mogollón

Promotiecommissie:

Prof. dr. ing. J.W. Erisman

Prof. dr. ing. M.G. Vijver

Prof. dr. E. van Sebille (Utrecht University)

Dr. R. Wang

Dr. ir. T.H.M. van Emmerik (Wageningen University & Research)

SUMMARY	1
SAMENVATTING	5
CHAPTER 1	11
General Introduction	
CHAPTER 2	19
Interventions for sourcing EAT-Lancet diets within national agricultural areas: a global analysis	
CHAPTER 3	41
Recycled plastic packaging from the Dutch food sector pollutes Asian oceans	
CHAPTER 4	65
The consequences of trade on global plastic pollution	
CHAPTER 5	89
China's plastic waste import ban increased global plastic leakage to oceans	
CHAPTER 6	107
General Discussion	
REFERENCES	120
CURRICULUM VITAE	148
LIST OF PUBLICATIONS	149
ACKNOWLEDGMENTS	150
APPENDIX	153