

SECURITY IN SUSTAINABLE ENERGY TRANSITIONS

By providing a new qualitative analysis of policy coherence and integration between energy, security, and defence policies between 2006 and 2023, this book analyzes the impacts of policy interplay on energy transition through the lens of sustainability transitions research, security studies, energy security and geopolitics, and policy studies. The security aspects discussed range from national defence and geopolitics, to questions of energy security, positive security, and just transitions. Findings show that the policy interface around the energy–security nexus has often been incoherent. There is a lack of integration between security aspects, leading to ineffective policies from the perspectives of decarbonization and national security, evident in the European energy crisis following the war between Russia and Ukraine. This book is intended for researchers and experts interested in the energy transition and its connections to security and defence policies. This title is also available as Open Access on Cambridge Core.

PAULA KIVIMAA is Research Professor in Climate and Society at the Finnish Environment Institute and Associate in the Science Policy Research Unit at the University of Sussex. She is an internationally renowned scholar in sustainability transitions, a coeditor of the book *Innovating Climate Governance* (Cambridge University Press, 2018), and a member of scientific committees advising the European Commission and the Finnish government.

SECURITY IN SUSTAINABLE ENERGY TRANSITIONS

Interplay between Energy, Security, and Defence Policies
in Estonia, Finland, Norway, and Scotland

PAULA KIVIMAA

Finnish Environment Institute



Shaftesbury Road, Cambridge CB2 8EA, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India

103 Penang Road, #05–06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of Cambridge University Press & Assessment,
a department of the University of Cambridge.

We share the University's mission to contribute to society through the pursuit of
education, learning and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781009368162

DOI: [10.1017/9781009368155](https://doi.org/10.1017/9781009368155)

© Paula Kivimaa 2024

This publication is in copyright. Subject to statutory exception and to the provisions
of relevant collective licensing agreements, with the exception of the Creative
Commons version the link for which is provided below, no reproduction of any part may
take place without the written permission of Cambridge University Press & Assessment.

An online version of this work is published at doi.org/10.1017/9781009368155 under a
Creative Commons Open Access license CC-BY-NC-ND 4.0 which permits re-use, distribution
and reproduction in any medium for non-commercial purposes providing appropriate credit
to the original work is given. You may not distribute derivative works without permission.

To view a copy of this license, visit <https://creativecommons.org/licenses/by-nc-nd/4.0>

When citing this work, please include a reference to the DOI [10.1017/9781009368155](https://doi.org/10.1017/9781009368155)

First published 2024

A catalogue record for this publication is available from the British Library

Library of Congress Cataloging-in-Publication Data

Names: Kivimaa, Paula, author.

Title: Security in sustainable energy transitions : interplay between
energy, security, and defence policies in Estonia, Finland, Norway, and
Scotland / Dr Paula Kivimaa, Finnish Environment Institute.

Description: Cambridge, United Kingdom ; New York, NY : Cambridge
University Press, 2024. | Includes bibliographical references and index.

Identifiers: LCCN 2024011636 | ISBN 9781009368162 (hardback) |
ISBN 9781009368155 (ebook)

Subjects: LCSH: Energy industries – Law and legislation – Europe. | Renewable
energy sources – Law and legislation – Europe. | Carbon dioxide
mitigation – Law and legislation – Europe. | National security – Law and
legislation – Europe. | Military readiness – Law and legislation – Europe.

Classification: LCC KJC6848 .K58 2024 | DDC 333.79094–dc23/eng/20240317

LC record available at <https://lccn.loc.gov/2024011636>

ISBN 978-1-009-36816-2 Hardback

Cambridge University Press & Assessment has no responsibility for the persistence
or accuracy of URLs for external or third-party internet websites referred to in this
publication and does not guarantee that any content on such websites is, or will
remain, accurate or appropriate.