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

© 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

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.