Information Technology and Law Series

Volume 33

Editor-in-Chief

Simone van der Hof, eLaw (Center for Law and Digital Technologies), Leiden University, Leiden, The Netherlands

Series Editors

Bibi van den Berg, Institute for Security and Global Affairs (ISGA), Leiden University, The Hague, The Netherlands

Gloria González Fuster, Law, Science, Technology & Society Studies (LSTS), Vrije Universiteit Brussel (VUB), Brussels, Belgium

Eleni Kosta, Tilburg Institute for Law, Technology, and Society (TILT), Tilburg University, Tilburg, The Netherlands

Eva Lievens, Faculty of Law, Law & Technology, Ghent University, Ghent, Belgium

Bendert Zevenbergen, Center for Information Technology Policy, Princeton University, Princeton, USA More information about this series at http://www.springer.com/series/8857

Elif Kiesow Cortez Editor

Data Protection Around the World

Privacy Laws in Action





Editor Elif Kiesow Cortez International and European Law The Hague University of Applied Sciences The Hague, The Netherlands

ISSN 1570-2782 ISSN 2215-1966 (electronic) Information Technology and Law Series ISBN 978-94-6265-406-8 ISBN 978-94-6265-407-5 (eBook) https://doi.org/10.1007/978-94-6265-407-5

Published by T.M.C. ASSER PRESS, The Hague, The Netherlands www.asserpress.nl Produced and distributed for T.M.C. ASSER PRESS by Springer-Verlag Berlin Heidelberg

© T.M.C. Asser Press and the authors 2021

No part of this work may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, microfilming, recording or otherwise, without written permission from the Publisher, with the exception of any material supplied specifically for the purpose of being entered and executed on a computer system, for exclusive use by the purchaser of the work. The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

This T.M.C. ASSER PRESS imprint is published by the registered company Springer-Verlag GmbH, DE part of Springer Nature

The registered company address is: Heidelberger Platz 3, 14197 Berlin, Germany

Series Information

The *Information Technology & Law Series* was an initiative of IT*e*R, the national programme for Information Technology and Law, which was a research programme set up by the Dutch government and The Netherlands Organisation for Scientific Research (NWO) in The Hague. Since 1995 IT*e*R has published all of its research results in its own book series. In 2002 IT*e*R launched the present internationally orientated and English language *Information Technology & Law Series*. This well-established series deals with the implications of information technology for legal systems and institutions. Manuscripts and related correspondence can be sent to the Series' Editorial Office, which will also gladly provide more information concerning editorial standards and procedures.

Editorial Office

T.M.C. Asser Press P.O. Box 30461 2500 GL The Hague The Netherlands Tel.: +31-70-3420310 e-mail: press@asser.nl

Simone van der Hof, *Editor-in-Chief* Leiden University, eLaw (Center for Law and Digital Technologies) The Netherlands

Bibi van den Berg Leiden University, Institute for Security and Global Affairs (ISGA) The Netherlands

Gloria González Fuster Vrije Universiteit Brussel (VUB), Law, Science, Technology & Society Studies (LSTS) Belgium

Eleni Kosta Tilburg University, Tilburg Institute for Law, Technology, and Society (TILT) The Netherlands

Eva Lievens Ghent University, Faculty of Law, Law & Technology Belgium

Bendert Zevenbergen Princeton University, Center for Information Technology Policy USA In loving memory of Nalan Celik

Preface

The EU General Data Protection Regulation (GDPR) was adopted in April 2016 and came into force in May 2018 to supersede the outdated Data Protection Directive 95/46/EC of 1995. The drafters of the GDPR announced that it would adhere to the EU Digital Single Market Strategy, which aims to create incentives for digital networks and services to flourish by providing trustworthy infrastructure and effective regulations. The European Data Protection Supervisor described it as the "gold standard" for the protection of personal data. However, as national legislation around the world has increasingly defined the right to the protection of personal data, the stringency of the EU-based gold standard led to many objections from certain interest groups. Academics and practitioners struggle to pinpoint applicable laws, especially for transnational cases that might infringe the right to the protection of personal data.

This book provides a snapshot of privacy laws and practices from a varied set of jurisdictions in order to offer guidance on national and international contemporary issues regarding the processing of personal data. It also serves as an up-to-date resource on the applications and practice-relevant examples of data protection laws in different countries. Our objective was to show the applications of the GDPR within European countries and a selection of national data protection laws from different continents with a focus on how the GDPR has influenced these laws. The jurisdictions covered in this book include European countries—Belgium, Estonia, France, Greece and the Netherlands—as well as Indonesia, Tanzania, Turkey, and USA.

The authors of this book offer an in-depth analysis of the national data protection legislation of various countries across different continents, not only including country-specific details but also comparing the idiosyncratic characteristics of these national privacy laws to the GDPR. Valuable comparative information on data protection regulations around the world is provided in one concise volume.

It was a challenging task to fully capture and track new developments in national legislation given the fast-changing regulatory landscape regarding data protection and privacy. At the same time, this surely makes this an exciting legal field which is likely to continue evolving with continuing efforts being made to safeguard legal protections in the face of myriad changes related to the modern data economy. I would like to thank all the contributors for the submission of their chapters which are excellent reference sources both for practitioners and researchers. I would like to also thank family, friends and colleagues for their guidance, THUAS Cybersecurity Center of Expertise for the research appointment and Ms. Anne Hillmer for providing research assistance.

The Hague, The Netherlands June 2020

Elif Kiesow Cortez

Contents

1	Data Protection Around the World: An Introduction Elif Kiesow Cortez	1
2	Data Protection Around the World: Belgium Els De Busser	7
3	Data Protection in Estonia Kärt Salumaa-Lepik, Tanel Kerikmäe and Nele Nisu	23
4	GDPR in France: A Lot of Communication for a JurisdictionWell Experienced in the Protection of Personal DataAurelien Lorange	59
5	Current Data Protection Regulations and Case Law in Greece:Cash as Personal Data, Lengthy Procedures, and TechnologiesSubjected to Courts' InterpretationsGeorgios Bouchagiar and Nikos Koutras	83
6	Privacy and Personal Data Protection in Indonesia: The Hybrid Paradigm of the Subjective and Objective Approach Edmon Makarim	127
7	Data Protection Regulation in the Netherlands	165
8	The GDPR Influence on the Tanzanian Data Privacy Lawand PracticeAlex B. Makulilo	189
9	Data Protection Around the World: TurkeyBaşak Erdoğan	203
10	The United States and the EU's General Data Protection Regulation Muge Fazlioglu	231

11	European Laws' Effectiveness in Protecting Personal Data Ambrogino G. Awesta	249
12	Data Protection Around the World: Future Challenges Elif Kiesow Cortez	269

Editor and Contributors

About the Editor

Dr. Elif Kiesow Cortez is a senior lecturer and researcher in data protection and privacy regulation in the International and European Law Program at The Hague University of Applied Sciences (THUAS), the Netherlands. Dr. Kiesow Cortez is the coordinator of the Legal Technology Minor and the Cybersecurity Minor at THUAS. Before joining THUAS, she was a John M. Olin Fellow in Law and Economics at Harvard Law School. Her doctoral research at the Institute of Law and Economics, University of Hamburg, Germany, was funded by the German Research Association (DFG). During her doctoral studies, Dr. Kiesow Cortez was a visiting fellow at Harvard Business School and a visiting scholar at Berkeley School of Law.

Her research is focused on utilizing the economic analysis of law to provide recommendations for solving cooperation problems between public and private actors in the domains of data protection and privacy. Since 2018, Dr. Kiesow Cortez is an advisory board member for the CIPP/E Exam Development Board of the IAPP and she is currently a Transatlantic Technology Law Forum Fellow at Stanford Law School.

Contributors

Godelieve Alkemade The Hague University of Applied Sciences, The Hague, The Netherlands

Ambrogino G. Awesta Windesheim University of Applied Sciences, Almere, The Netherlands

Georgios Bouchagiar Tilburg Institute for Law, Technology, and Society (TILT), Tilburg University, Tilburg, The Netherlands

Els De Busser Institute of Security and Global Affairs, Leiden University, The Hague, The Netherlands

Başak Erdoğan MEF University, Maslak, Sarıyer, Istanbul, Turkey; Galatasaray University, Istanbul, Turkey

Muge Fazlioglu International Association of Privacy Professionals, Portsmouth, NH, USA

Tanel Kerikmäe Tallinn University of Technology, Tallinn, Estonia

Nikos Koutras School of Business and Law, Edith Cowan University, Joondalup, WA, Australia

Aurelien Lorange The Hague University of Applied Sciences, The Hague, The Netherlands

Edmon Makarim Faculty of Law, University of Indonesia, Depok, Indonesia

Alex B. Makulilo Open University of Tanzania, Dar es Salaam, Tanzania

Nele Nisu Estonian Ministry of Social Affairs, Tallinn, Estonia

Kärt Salumaa-Lepik Tallinn University of Technology, Tallinn, Estonia

Joeri Toet Vrije Universiteit Amsterdam, Amsterdam, The Netherlands