

Preface

As Minister for Digitalization and Innovation of the State of Hesse, I am committed to supporting and promoting initiatives that advance the responsible use of digital technologies for the common good. We founded the Centre Responsible Digitality (ZEVEDI) to foster interdisciplinary research at the intersection of law, technology and society.

ZEVEDI is an inspiring example of how digital transformation can be shaped through collaborative research and academic excellence. I am particularly pleased with the project group TOSCA – Tokenizing Sustainability: Carbon Credits, Accountability, and ESG in Supply Chains, which showcases the remarkable outcomes of interdisciplinary cooperation guided by an unwavering commitment to responsibility and a resolute vision for sustainability.

This volume, Blockchain and Climate Action – Enhancing ESG and Carbon Markets through Financial Technology, brings together the results of this ambitious research endeavour. The authors confidently present novel applications of blockchain technology in supporting environmental goals, ensuring regulatory compliance, and enhancing transparency in carbon markets.

I congratulate the authors on this valuable contribution and wish them continued success with their important work.

Prof. Dr. Kristina Sinemus
Hessian Minister for Digitization and Innovation

