LAW AND SUSTAINABILITY

PERSPECTIVES FOR LITHUANIA AND BEYOND

Editors: Alessio Bartolacelli, Dovilė Sagatienė



LAW AND SUSTAINABILITY

LAW AND SUSTAINABILITY

- PERSPECTIVES FOR LITHUANIA AND BEYOND -

Editors: Alessio Bartolacelli Dovilė Sagatienė



- © Copyright by individual authors, 2023
- © Mykolas Romeris University, 2023

Reviewers:

Prof. dr. Virginijus Bitė

Assoc. Prof. dr. Juozas Valčiukas

Copy-editor:

MB "Kopis"

Cover design:

Paweł Sepielak

Approved by Mykolas Romeris University Law School Council on February 2, 2023 by resolution No. 1T-2 (1.12 E-20401)



ISBN 978-83-8138-839-9 (print) ISBN 978-83-8138-840-5 (online) https://doi.org/10.12797/9788381388405

KSIĘGARNIA AKADEMICKA PUBLISHING

ul. św. Anny 6, 31-008 Kraków tel.: 12 421-13-87; 12 431-27-43 e-mail: publishing@akademicka.pl https://akademicka.pl

Foreword (Alessio Bartolacelli)	1 /
Acknowledgements	21
Introduction (Dovilė Sagatienė)	23
What is the role of sustainability in legal regulation?	23
I. NATIONAL AND INTERNATIONAL PUBLIC LAW: THE ESTABLISHMENT OF CONDITIONS FOR A SUSTAINABLE DEVELOPMENT	
I.1. Sustainable development and artificial intelligence: Is AI4ESG a key driver to reach the objectives of UN Agenda 2030? (Gintarė Makauskaitė-Samuolė)	29
Artificial intelligence towards sustainability in the global setting	29
The acceleration of the achievement of sustainability goals with the help of artificial intelligence systems	30
The feasibility of artificial intelligence solutions for sustainability (AI4ESG)	30
Artificial intelligence towards sustainability in the European Union setting	32
Sustainability as a competitive advantage of the European Union	32
The sustainable adoption of artificial intelligence in the European Union	34
Are large corporations able to push the objectives of sustainable development out of stagnation?	38
Conclusions	39
References	40
I.2. The concept of sustainability in national Constitutions: Insights from constitutional jurisprudence (Danutė Jočienė)	45
The main groups of constitutional provisions regulating different aspects of sustainability	46

The environmental aspect	48
The right to the environment as a human right, economic, financial, and social aspects of constitutional stability, and the perspective of constitutional stability	49
Environmental and other aspects of sustainability in the case law of constitutional justice institutions	
Aspects of sustainability in the Constitution of the Republic of Lithuania and the case law of the Constitutional Court of the Republic of Lithuania	52
Aspects of the national economy, public finances and guarantees of the social system.	53
The environmental aspect, including human rights issues and the perspective of constitutional stability	54
Conclusions	56
References	57
I.3.The efficiency of green public procurement regulation in Lithuania as an element of achieving objectives of sustainable development (Darijus Beinoravičius)	61
General remarks	61
The qualification of a public procurement procedure as a green public procurement	64
The efficiency of green public procurement in Lithuania	66
Conclusions	71
References	71
I.4. Sustainable development and international investment law: A look at the new generation of international investment agreements (Milcar Jeff Dorce)	
Preliminary considerations towards a shifting paradigm	
Sustainable development and the evolution of international investment agreements	
Sustainable development and the reform of existing provisions	
Conventional tools to support sustainable investment	
Clarification of fair and equitable treatment.	
Clarification of indirect expropriation	
Creating obligations for investors	83
Sustainable Development and the Reform of Investor-State Dispute Settlements	84
Conclusions	86
References	87
I.5. Privacy-friendly personal data processing and sustainability: Is there mutual support? (Raimondas Andrijauskas)	
The link between sustainable development and data	
	10

National and international regulations in the field of privacy and personal data	0.5
protection	
Legal principles relating to the processing of personal data	
Convention for the protection of individuals with regard to automatic processin of personal data (Convention 108)	_
The relevant regulation in the U.S.	
The legal framework in the EU	
The implementation of principles relating to personal data processing	
Conclusions	
References	. 103
I.6. Sustainable work over the course of life: A new paradigm for decent	
work (Ingrida Mačernytė-Panomariovienė, Tatiana Wrocławska)	
Changing the world of work and searching for responses to contemporary challenges	. 107
Decent work in the framework of sustainability	. 110
Decent work as an inherent step toward sustainable development	. 110
How sustainable is decent work?	. 113
The characteristics of sustainable work during the life cycle	. 118
The definition of sustainable work according to Eurofound	. 118
The main determinants of sustainable work	. 119
Decent work through the prism of sustainable work over the course of life. A new conceptu-	al
framework	. 121
Sustainable work as the guiding principle	. 121
A definite response to new challenges	. 124
Conclusions	. 127
References	. 129
II. SUSTAINABILITY AND PRIVATE LAW	
II.1. The legal consequences of apparent authority for sustainable agency relationships (Vaidas Jurkevičius)	. 137
Apparent authority and sustainability: general remarks	. 137
The general legal consequences of apparent authority from the perspective of sustainability	. 138
The legal consequences of apparent authority for third parties	. 140
The influence of apparent authority on the principal	. 141
The rights and obligations of the agent in the case of apparent authority	
Protecting the interests of fourth parties in the event of apparent authority	

Conclusions	148
References	149
II.2. The change of commercial contractual relations influenced by sustainabil clauses (Viktorija Budreckienė)	
Sustainability goals – the reality of the modern business world	
The commercial contract as a tool to aim for sustainable trade	
Classical, relational and social contract law theories and sustainability	
Sustainability clauses as deviations from classical contract law rules	
Achieving the sustainability goals using the methods of relational contract law	
Sustainability clauses as significant social changes of contract law	
Conclusions	
References	
II.3. The role of the product quality guarantee in promoting sustainal	h1a
consumption: Lithuanian experience (Lina Novikovienė)	
Promoting more sustainable consumption by legal means	
The guarantee on new items as a precondition for manufacturing longer-lasting products	
The right to terminate the contract and sustainable consumption	
Promoting sustainable consumption through product repair	
Planned obsolescence as the antipode of sustainable consumption	
Voluntary commercial guarantee of durability	
Quality guarantee for second-hand items	
Conclusions	
References	
	102
II.4. Corporate sustainability and the shareholder activism problem (Car	
Cindoruk, Buğra Erdem Fatih).	
General outlook for corporate sustainability and the shareholder activism problem	
An overview of the impact of shareholder activists on corporate sustainability	
The consumption culture: law and economic analysis of corporate sustainability a shareholder activism	
Statistical data concerning fast-moving corporations	190
Framing corporate sustainability	
Never-ending discussion on the company's reason for being (raison d'être)	
On the proposal for a directive on corporate sustainability due diligence	193
A general overview of the proposal for a directive on corporate sustainability of	
diligence	193

	The circular economy and a sustainability-driven approach (barriers and promises)	193
	Intergenerational justice	194
	To what extent should the directive offer a solution for shareholder activism: a critical	
	assessment	195
	Conclusions	198
	References	199
т 1		
	1.5. The remote participation of shareholders in the general meetings of rivate companies as a tool for more inclusive shareholder engagement (Lina	
	[ikalonienė]	
	Potential of company law to contribute to more inclusive shareholder participation in general	
	meetings	207
	Company law rules on remote attendance and voting at general meetings: before and during	
	the COVID-19 pandemic.	
	Legal framework since 2009	
	Regulatory challenges for more inclusive shareholder engagement at general meetings	
	Annual general meeting of shareholders during the COVID-19 pandemic	
	Duty to hold annual general meeting	
	Case law on changing the format of the general meeting	212
	Judicial challenges for more inclusive shareholder engagement at general meetings	215
	Improving company law on remote shareholder participation for more inclusive shareholder	
	engagement	
	New company law rules in 2022	
	Potential for better law	220
	Conclusions	221
	References	221
IJ	1.6. The main directions in the sustainable development of legal regulation	
oi	f reorganization in Ukraine (Nataliia Shcherbakova)	225
	Integral components of the sustainable development of legal regulation of reorganization	225
	Forming the concept of "reorganization" in Ukraine	226
	The term "reorganization" in the Civil Code (2003)	226
	The term "reorganization" in the Economic Code (2003)	227
	The definition of the term "reorganization" in the scientific literature	227
	The inherent elements of reorganization	228
	Legal succession as a qualifying feature of reorganization	228
	Juridical consequences of legal succession in reorganization	229
	The change of authorized capital	229

The subject composition of the participants	230
Reorganization in special legislation	
Implementation of the protective mechanism of legitimate rights and interests	
creditors	
Invalidating the reorganization procedure (nullity of reorganization procedure)	234
Nullity of reorganization procedure in the EU	234
Invalidating the reorganization procedure in Poland	235
Invalidating the reorganization procedure of joint-stock companies in Ukra	ine 236
Conclusions	237
References	237
II.7. Access to justice in civil cases: Filling the gap in the sustainabl	la.
development agenda (Alina Serhicieva, Tetiana Tsuvina)	
Access to justice and Sustainable Development Goals	
Access to justice as an integral part of the Rule of Law and its value	
"Path to justice": a multi-dimensional approach to access to justice	
Narrow and broad approach to access to justice	
Other paths to justice: access to an effective remedy and access to ADR	
Access to justice: national and international dimensions	
Barriers to access to justice in civil cases	
Evaluating access to justice in civil cases: filling the gap	
Conclusions	
References	
III. TRANSFORMATION OF CRIMINAL LAW IN THE CONTEXT OF SUSTAINABILITY	
IN THE CONTEXT OF SUSTAINABILITY	
III.1. Environmental crime: Lithuanian criminal policy in the contex	
of European regulation (Tomas Girdenis)	
Environmental crime and its regulation in the EU context	
The European Union's right to tackle environmental problems	
The Environmental Crime Directive and its implementation in Lithuanian l	
The study of Lithuanian case law	
The qualification of problems in Lithuanian case law	
The problem of the abstractness of the consequences	
The timing of environmental damage	
The problem of competition between legal norms	267

Analysis of Lithuanian legislation and case law on sentencing	269
Conclusions	271
References	271
III.2. The principle of subsidiarity of criminal law as a prerequisite for sustainable criminalization (Oleg Fedosiuk)	275
The significance and justification of the principles limiting criminalization	275
The concept of the principle of subsidiarity of criminal law as a limitation on criminalization	
The principle of subsidiarity of criminal law as a methodology for legislation	282
What is permitted outside criminal law cannot be criminalized	282
Illegal acts that fall exclusively and without gaps within the scope of regulation of other branches of law should not be criminalized.	
The need for additional criteria indicating the seriousness of the act intended to criminalize	
The subsidiarity principle and non bis in idem	287
Conclusions	288
References	289
III.3. Decriminalization of the illicit possession of small quantities of drugs and the sustainable reduction of drug consumption (Alfredas Kiškis)	293
Endless debate	
Arguments for and against decriminalization	
Is drug abuse a health problem?	
The impact of criminalization on the availability and use of drugs	
Harm-reduction policy	
Environmental protection and sustainable development	
Losses or benefits for organized crime?	
Criminalization, human rights and social solidarity	
Conclusions	
References	304
III.4. Accessible and sustainable criminal justice: The right of an incapacited accused person to be present at a court hearing (Rima Ažubalytė, Jolanta Zajančkauskienė)	
Empowering an accused person with mental disabilities in the criminal trial – towards a more sustainable criminal procedure	
The impact of the concept of the legal status of a person with a mental disability on the status of an incapacitated accused person	312

Historical patterns: from the "status approach" to a sustainable, "people-centric" approach?	
The right of a defendant with a mental disability to be present in court and to give expla-	
nations (testimony): international and national case-law	318
General legal prerequisites for the right of an accused person with a mental disability to be present in court: towards inclusive and participatory criminal trials	
The right of a mentally impaired person to participate in the court hearing personally as the background for legal empowerment	
The participation of a defendant with mental disabilities in a criminal court through a representative: sustainable support in the exercise of legal capacity	
The right of the alleged incapacitated person to provide explanations and their assess-	
ment	330
Conclusions	332
References	333
III.5. Encouraging coordinated vulnerability disclosure: The protection of vulnerability reporters (Simas Grigonis, Regina Valutytė)	
National approaches: From policy to legislative efforts	
Different aspects of the protection of vulnerability reporters.	
Discovering vulnerability	349
Acting in good faith	349
The abuse of vulnerability	350
Reporting vulnerability	351
Subjects	351
Reporting procedure	351
Incentives for vulnerability reporters	352
Anonymity vs. visibility	352
Renumeration	354
The EU legislative approach	355
Current regulation	355
Future legislative developments	356
Conclusions	358
References	359

IV. SUSTAINABILITY IN ACTION: EXAMPLES AND EXPERIENCES OF SUSTAINABILITY FROM THE LEGAL POINT OF VIEW

and planning regulations: The Lithuanian case (Evaldas Klimas)	367
Theoretical background.	367
An analysis of Lithuanian national regulation	369
The introduction of the sustainable development principle in the Spatial Planning L and the Law on Architecture	
Changes in the by-laws regarding sustainable development in urban planning	372
The course of sustainability in the Vilnius Master Plan	373
Soft law regulations encouraging sustainable urban development	374
Conclusions	376
References	376
IV.2. The problem of sustainable legal regulation of electric vehicle infrastructure (Eglė Bilevičiūtė)	381
European Union policy for the development of electric transport for the sustainabil of air pollution reduction	-
Sustainability challenges for European transport policy	381
The EU common position on the legal regulation of the transport sector	382
The need for the sustainable development of electric mobility	383
The relationship between electric mobility development and climate pollution	383
The need for and promotion of electric mobility in Lithuania	384
Legal regulation of the sustainability of electric vehicle infrastructure	385
The need for the sustainability of electric vehicle infrastructure	385
Regulation and realization of the installation of charging accesses in Lithuania	386
Problems of the impact of electric cars on the sustainability of climate change	387
The legal regulation of placing electric car batteries on the market	388
The development of electric cars as a challenge for sustainability	389
Ensuring the sustainability of battery production throughout the value chain	390
The application of EU legal norms of sustainable battery production in Lithuania	391
Legal regulation of sustainable BEV waste utilization	390
Requirements for the sustainable management of battery and accumulator waste	390
Legal regulation of sustainable battery and accumulator waste management	
Lithuania	
Conclusions	
References	594

IV.3. The links between sustainability and electrification in the regulatory framework of EU and Lithuania (Erika Statkienė)	399
Peculiarities of the regulatory framework of sustainability and electrification	
The importance of energy efficiency in EU legislation.	
The customizability of the regulatory framework for managing probable challenges regard	
ing the electricity consumption of BEVs	
Consumers' right to detailed information according to the requirements set out in the legal framework of energy efficiency	
The regulatory impact of ev industrialization on managing CO ₂ emissions	404
The effect of the implementation of regulatory proposals regarding EV industrialization on the total amount of CO ₂ emissions	
EV industrialization in the context of the geopolitical reality	
The proper functioning of economic and environmental systems implementing electric	
vehicle development strategies in lithuania	
Electrical vehicle usage from an ecological point of view	409
The demand for financial resources in the development of the industrialization of elec	-
trical vehicles	411
Conclusions	412
References	413
IV.4. Contribution to the sustainable development agenda by calculating and reducing greenhouse gas emissions from the waste management sector (Greta Česnaitytė)	ı . 417
reducing greenhouse gas emissions from the waste management sector (Greta	ı . 417 n
reducing greenhouse gas emissions from the waste management sector (Greta Česnaitytė)	417 417 417
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle	417 417 417 419
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary.	417 417 417 419 r
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector.	417 417 419 r 421 425
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector. Conclusions	417 417 419 421 425 426
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector.	417 417 419 421 425 426
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector. Conclusions References. IV.5. Sustainability: Bridging the gaps between law, finance, and technology	417 417 419 421 425 426 427
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector. Conclusions References. IV.5. Sustainability: Bridging the gaps between law, finance, and technology (Mykhailo Prazian)	417 417 419 425 426 427
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector. Conclusions References. IV.5. Sustainability: Bridging the gaps between law, finance, and technology (Mykhailo Prazian) The state of play.	417 417 419 417 421 425 426 427 7 431
reducing greenhouse gas emissions from the waste management sector (Greta Česnaitytė) The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector. Conclusions References. IV.5. Sustainability: Bridging the gaps between law, finance, and technology (Mykhailo Prazian) The state of play. EU legal framework	417 417 419 425 426 427 431 431 432
The main international and regional agreements and/or acts on climate change mitigation and implementation of the sustainable development goals Greenhouse gas emissions: calculation, reporting and statistics Intertwining of the waste and energy sectors may distort the public's view and lead to smalle measures on reducing GHG emissions than are necessary. The pathway towards neutrality in the waste management sector. Conclusions References. IV.5. Sustainability: Bridging the gaps between law, finance, and technology (Mykhailo Prazian) The state of play.	417 417 419 421 425 426 427 431 431 432 433

Examples of bottlenecks and opportunities.	435
Solutions and innovations	436
From "Silos" to the "System"	437
Policy and EU taxonomy	437
Platforms to Bridge Gaps	438
The skills gap and education	439
Conclusions	440
References	440
IV.6. The sustainability of the legal profession: Lawyers' role in the future regulation of pandemic and war responses (Olena Kharytonova)	
Sustainable development goals and the anchor of human dignity	445
The victim-centered approach and the possibilities and limitations of criminal justice	446
The sensitivity of cases of sexual violence and the dignity of victims	448
The vision of poverty and human dignity in legal reasoning	449
Resistance to the anthropocene and the dictates of necropolitics	451
Decolonization and new legal solidarity	453
Conclusions	455
References	456
Conclusions (Dovilė Sagatienė)	459
National and international public law: The establishment of conditions for a sustainable development	
Sustainability and private law	
Transformation of criminal law in the context of sustainability	
Sustainability in action: examples and experiences of sustainability from the legal point of	
view	
Summary (Alessio Bartolacelli)	469
Index of names	475

FOREWORD

As can be easily observed by simply browsing a newspaper, a legal journal, or a news website, there are two "magic" words in today's media: digitalization and sustainability. As legal scholars, one of our duties is to conjugate the principles and tools of classical legal tradition with the challenges of modern times. Both digitalization and – most importantly for us – sustainability are not only among such challenges, but are perhaps the most fascinating and hotly debated examples thereof.

As is better explained in the Introduction to this edited volume, in 2021 the Law School of Mykolas Romeris University (MRU) elaborated its 2022–2026 research program, which is devoted specifically to investigating the intersection between the Rule of Law, the concept of sustainability, and new technologies. This volume, among the early outcomes of the research program, marks an extremely promising start.

Together with dr. Dovilė Sagatienė we conceived the notion of structuring this book in the manner that I believe sustainability should be dealt with when more broadly applied to the legal field: by looking both at its intersections with different areas of law and at specific examples. Highly valuable work has gathered together thirty scholars – coming mainly, but not only, from Lithuania – to compose the 24 contributions that form the four parts of this edited volume.

As an area-by-area (national and international public law, private law, and criminal law) approach is already inherent in the structure of this volume, I am here proposing a few somewhat different ideas to consider when cross-reading it.

The first basic issue is the idea of sustainability itself. This book provides several points of view regarding what we should understand the word *sustainability* to mean, and this plurality enriches both the public and academic debate and the book itself. This is made very clear in the part on the concept of sustainability in national Constitutions, but many other contributions also focus on specific facets of either environmental (the parts on electric vehicles; on waste management; and on environmental crimes) or social sustainability (the contribution on the sustainable reduction of drug consumption, and that on sustainable work).

Another among the most significant topics of the present day is digitalization. Many contributions deal specifically with this issue, again from different perspectives, and they highlight the fact that we should see and pursue some kind of an alliance between digitalization and sustainability. This is certainly the message of the contribution on AI4SDG, but the paper on data processing is also closely related to digitalization – as are those on online voting in private companies, on the

protection of vulnerability reporters in the field of cybersecurity, and on the need for a combination between law, finance, and technology, with a view to a more consistent approach to sustainability.

A third trend might be in line with the idiom of "new wine in old wineskins" – i.e., how sustainability affects old issues that traditional legal studies have already considered, bringing in new possible solutions. This is certainly true of the contributions on subsidiarity in criminal law, on apparent authority in civil law, on quality product guarantees, and on sustainable spatial planning.

A further tendency naturally concerns the sustainable mobilization of wealth, with specific reference to the business environment. This is the case for many contributions in this volume: on international investment law; on sustainability clauses in commercial contractual relations; on shareholder activism in public companies; on the legal regulation of reorganization in Ukraine; and on green procurements, and thus the sustainable intersection between public and private entities.

A final possible trend is the widening of access to justice as a specific element of sustainability – not necessarily within its social dimension. The following contributions consider different profiles of this topic: on civil cases; on incapacitated persons and criminal justice; and on the role of legal professions in promoting sustainability.

Naturally, the grouping above is just one among the many possible ways of reading this volume. Nevertheless, it provides the opportunity to offer a few general remarks.

First: sustainability is a concept that is not to be relegated solely to its environmental dimension. The environment is hugely important, but it does not completely absorb the scope of sustainability, which must be seen as a holistic notion. In fact, the reader will derive a clear perception of this from the above trends in the contributions to this volume, besides the natural structure of the book itself.

Second: sustainability has to do, in different ways, with a lot – if not all – of the issues we usually face in dealing with traditional legal studies. Moreover, sustainability is not a precise object of law, but a concept that contributes to defining the soul of law. If we consider that dealing with sustainability is inevitable, then the most recent regulations should be sustainable by design, and older regulations should undergo sustainability-friendly reinterpretation. Sustainability is first of all, then, a criterion.

Third: even if this book is mainly focused on Lithuania, it contains the seeds for far broader expansion. This is made evident by the presence, among the authors, of several scholars from Ukraine that MRU has hosted. Scholars from Poland, Austria, Turkey and France are also present, and this is very promising for the possible fallout from this book, which is likely to germinate into further initiatives – both those hosted by MRU and by other institutions abroad.

Fourth, and perhaps most importantly: as some authors point out in their contributions, the key challenge for sustainability in the long term is also a matter of education. The fact that a university puts its efforts into collecting such a meaningful set of contributions in the field of sustainability signals that these papers are very likely to serve as the basis for research-led teaching in the field of sustainability, from the point of view of legal sciences. In order to have true sustainability in place, the players of the economy first need willingness; second, a policy; third, a framework; and, fourth, people who are able to serve to such a purpose. Aside from the first point – which, in the long run, still concerns education – universities are called to play a meaningful role in the remaining

three via research, public engagement, and teaching. MRU thus deserves praise for this volume, as do all of the colleagues involved in its creation, because it represents a profound step forward in the field of sustainability, both in Lithuania and globally.

Alessio Bartolacelli Associate Professor of Italian and European Business Law Jean Monnet Chair "Business Law in the European Union and Sustainable Economy" University of Macerata, Italy

ACKNOWLEDGEMENTS

This book is the result of the development of the new legal field at Mykolas Romeris University Law School, which links law and the increasing role of sustainability in everyday life, especially, after COVID-19 pandemic. The 2022–2026 Research Program titled Rule of Law, Sustainability, Technologies and approved by MRU in 2021, identified five target interdisciplinary domains, including, "The Transformation of Human Rights," "Democracy and the Rule of Law," "The Relations Between Law, Sustainability and Technologies," "Effective Justice" and "Security Research." The aim of the domain "Relations Between Law, Sustainability and Technologies" is to explore how law and sustainability reflect global trends based on the Sustainable Development Goals agenda until 2030 and the European Green Course policy. For this task, 30 national and international legal scholars contributed to this edited volume.

INTRODUCTION

WHAT IS THE ROLE OF SUSTAINABILITY IN LEGAL REGULATION?

Sustainable development provides a framework for humans to live and prosper in harmony. A paradigm for sustainable development enables people to coexist with the environment and thrive, rather than destroying it as we have done for millennia. Sustainability has many different definitions, but its essence was articulated by the Brundtland Commission, tasked by the UN in 1987 with formulating a global agenda for change: "Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs." A more recent definition suggests that sustainability means "securing the social foundations with planetary boundaries" (Sjafjell and Bruner, *The Cambridge Handbook of Corporate Law, Corporate Governance and Sustainability*).

Creating and ensuring sustainability (and the Sustainable Development Goals, SDGs) remains an essential task on a global scale (2015 – United Nations Sustainable Development Agenda 2030, Report on the implementation of the UN Agenda 2030 in Lithuania, 2018, National Sustainable Development Strategy, 2011). Lawyers and policymakers are now meeting the growing demand from clients in commercial, governmental, and nongovernmental groups for legal work that tackles the challenges of sustainable development.

Legal developments in the field of sustainability are also closely linked with the impact of new technologies, including legal technology, on legal systems, the legal profession and legal studies, as well as the effectiveness of research on the justice system in developing and expanding e-justice. Synergy between law and technology can ensure greater access to justice, the optimization and efficiency of legal processes, the digitization of legal services and the development of innovations in the field of law. It is predicted that a fundamental transformation of the legal profession will take place by 2025 due to the rapid development of technological changes, new work methods and the need to offer clients more value at lower costs (Deloitte, Developing legal talent. Stepping into the future law firm, 2016).

The impact of technology on public safety, the digitization of public sector processes, and the use of AI for personal and public safety are receiving an increasing amount of scientific research. The digital transformation of institutions and systems that ensure public safety is also accelerating due to the COVID-19 pandemic. Many technological systems introduced during the pandemic will

play a key role in ensuring public safety in the future, so legal research in this area is necessary, timely and reflects the needs of society and the State. The digitization of the activities of law enforcement institutions and the use of AI to ensure public safety are also extremely relevant areas. Law enforcement institutions around the world are either already using or seeking out opportunities to use artificial intelligence, analyzing the possibility of making decisions more easily, assessing risks, increasing preparedness for crises, and optimizing processes.

Still, despite the numerous environmental and natural resource regulations that are currently in place, sustainability does not yet have a sufficient or supportive legal base. Therefore, law that fosters sustainability is one of the fastest-developing and most challenging global legal disciplines. Since the 2010s, European legal scholars have been actively engaged in developing a new field of law: sustainability law. The pioneer in this research field is the University of Oslo, which has addressed various topics since 2010, including sustainable companies (2010–2014, Futuring Sustainable Nordic Business Models, Futuring Nordics, 2019–2023) as an integral part of sustainability law. The overarching theme of the Sustainability Law Research Group at the University of Oslo, led by professor Beate Sjåfjell, is to conduct interdisciplinary analyses of law with the aim of identifying normative solutions that contribute to global sustainability. The problem of sustainability in law on a global scale was recently addressed by Volker Mauerhofer, Daniela Rupo, and Lara Tarquinio in their volume Sustainability and Lam. General and Specific Aspects (2020). Lithuanian legal scholars are also discovering this topic by exploring the link between law and management in the context of sustainability (Sustainable development of law and management in the current world. Scientific Monograph, KSU, 2021). However, the various topics of sustainability in law are still underrepresented in Lithuanian scholarship and beyond.

Research object. The main question addressed by this edited volume is closely related to the increased role of sustainability in every society after the COVID-19 pandemic, and how this alteration has affected legal regulation in Lithuania and beyond. The authors ask: What is the place of sustainability in national and international legal regulation? They also present the discourse of sustainability in law in Lithuania and beyond, including the legal regulation of sustainability, the sustainability of the legal profession and the transformation of law in the context of sustainability. This edited volume describes legal aspects of sustainable development in various legal fields, including consumer law, the rule of law, human rights, energy, etc. Moreover, the authors discuss the transformation of law in the context of sustainability in the areas of governance, climate change, technology, criminal jurisdiction, etc. Lawyers must create and put into practice laws and legal structures that either do not yet exist or exist in a very different manner if we are to significantly advance toward, much less attain, sustainability. Therefore, this edited volume addresses the subject of how law may and should be used to promote sustainability further.

Research aim and objectives. In general, "Law and Sustainability: Perspectives for Lithuania and Beyond" aims to analyze the ways in which law and the legal profession should change and contribute to sustainability. For this aim, the following research objectives were set:

To address the subjects of national and international public law and the establishment of conditions for sustainable development, including the issues of sustainable development and artificial intelligence, the concept of sustainability in national Constitutions, the efficiency of green public procurement regulation in Lithuania, new generation of international investment agreements, personal data processing and sustainable work.

- 2. To present the discourse of sustainability in private law in Lithuania and beyond, including the problem of sustainable agency, commercial contracts influenced by sustainability, product quality guarantees in promoting sustainable consumption, the problem of shareholder activism, remote participation of shareholders in the general meetings of private companies, the main directions in the sustainable development of legal regulation in the reorganization in Ukraine, and access to justice through mediation.
- 3. To disclose the transformation of criminal law in the context of sustainability, including environmental crimes, sustainable criminalization, the sustainable reduction of drug consumption, accessible and sustainable criminal justice and the protection of vulnerability reporters.
- 4. To describe examples and experiences of sustainability from the legal point of view, including the implementation of the sustainable development principle in zoning and planning regulations, the problem of the sustainable legal regulation of electric vehicle infrastructure, and the links between sustainability and electrification in the EU regulatory framework and Lithuania. Furthermore, to contribute to the sustainable development agenda by calculating and reducing greenhouse gas emissions from the waste management sector, as well as bridging gaps between law, finance, and technology and the sustainability of the legal profession.

Methodology of the research. The preparation of this edited volume was inspired by the 2022–2026 Research Program titled Rule of Lam, Sustainability, Technologies, adopted by the Mykolas Romeris University in 2021, which identified new legal research field: exploring how law and sustainability reflect global trends based on the 2030 Agenda for Sustainable Development and the European Green Deal, the implementation of which is inseparable from law as it ensures regulation and its implementation, thereby creating conditions for the development of sustainability principles. Outlining this research direction as a priority will allow the consolidation of ongoing research in the field of sustainability (especially research into the cyclical economy, environmental protection, social business and other issues) and bring together researchers on an interdisciplinary basis. In this context, the focus of legal scholars at MRU since 2022 has shifted towards research on the legal regulation of the implementation of climate change management and climate neutralization, the implementation of the rights of individuals in the context of climate change (climate litigation), the improvement of the legal regulation of waste management systems, the direction of the green (circular) economy, and the practical operation of new business models.

This collective volume is the result of major efforts to bring together national and international scholars to contribute to the research of sustainability and law. Scholars from various legal fields were called to address the following questions in their contributions: Why is the question of sustainability and law relevant in your proposed research area? How could your area of proposed research be developed through the lens of sustainability, and/or how could the legal area in your proposed research contribute to sustainability? What changes related to sustainability have already impacted the development of the area/issue of law in your proposed research? What are the main barriers to sustainability in your field, and what are the ways to overcome them, if any?

Limitations. This edited volume is limited in geographical terms, as it mainly covers Lithuanian and European legal perspectives: some parts of the edited volume address Lithuanian issues within a European context (including Ukraine), some parts focus exclusively on the Lithuanian dimension, and some are outside the Lithuanian scope. The wide variety of topics covered by the authors

is essential in order to deliver broad perspectives for the development of sustainability in the Lithuanian legal field, as well as to indicate limitations and challenges both within the region and beyond.

The structure of the book. This book is divided into four parts, each of which address various aspects of the topic under study: sustainability in national and international public law, the links between sustainability and private law, the transformation of criminal law in the context of sustainability, also specific examples of sustainability in action from a legal perspective. Edited volume also includes conclusions and summary.

The first part of this edited volume – "National and international public law: The establishment of conditions for sustainable development" – covers the issues of: sustainable development and artificial intelligence; the concept of sustainability in national constitutions; the efficiency of green public procurement regulation in Lithuania; new generation of international investment agreements, personal data processing and sustainable work.

The second part – "Sustainability and private law" – focuses on the problem of sustainable agency, commercial contracts influenced by sustainability, product quality guarantees in promoting sustainable consumption, the problem of shareholder activism, remote participation of shareholders in the general meetings of private companies, the main directions in the sustainable development of legal regulation in the reorganization in Ukraine, and access to justice through mediation.

The third part of this edited volume focuses on the transformation of criminal law in the context of sustainability, including: environmental crimes; sustainable criminalization; sustainable reduction of drug consumption; accessible and sustainable criminal justice and the protection of vulnerability reporters. The last part of this edited volume presents examples and experiences of sustainability from the legal point of view, including: the implementation of the sustainable development principle in zoning and planning regulations; the problem of the sustainable legal regulation of electric vehicle infrastructure; the links between sustainability and electrification in the regulatory framework of the EU and Lithuania; contributing to the sustainable development agenda by calculating and reducing greenhouse gas emissions from the waste management sector; and bridging the gaps between law, finance, and technology and the sustainability of the legal profession.

Dovilė Sagatienė Law School, Mykolas Romeris University

SUMMARY

The first part of this book focuses on national and international public law as the legal areas that allow the conditions for sustainable development to be established.

The first chapter ("Sustainable development and artificial intelligence: Is AI4ESG a key driver to reach the objectives of UN Agenda 2030?") deals with the regulation of AI with specific reference to sustainability, advocating for a more reliable legal framework for AI with a view to achieving the UN Agenda 2030 SDGs. The author specifically argues that the EU plays a major role in setting proper rules, and large companies might also help in mitigating risks linked to new technologies by involving themselves and their stakeholders in sustainability initiatives.

The second chapter ("The concept of sustainability in national Constitutions: Insights from constitutional jurisprudence") comparatively analyses many European national constitutions to consider the strong relationship between many of them and sustainability. This is intended to consider both environmental sustainability and people's rights, assessing the long-term stability of constitutions but generally perceiving the absence of a comprehensive pattern within the topic. The author then moves to the constitutional doctrine of the Lithuanian Constitutional Court regarding sustainability, which helps to understand the constitution as a social (and therefore intergenerational) contract.

In the third chapter ("The efficiency of green public procurement regulation in Lithuania as an element of achieving objectives of sustainable development"), the author describes the requirements present in Lithuanian law regarding the qualification of a public procurement as a green public procurement in detail. They also point out that the current rules allow a more accessible possibility for correcting mistakes present in tenders if the conditions laid down in the procurement are met.

The fourth chapter ("Sustainable development and international investment law: A look at the new generation of international investment agreements") addresses the issue of sustainability from the perspective of international investment law. After describing the chronological development of the trend in international investment agreements, the author highlights the fact that States currently include references to sustainable development in IIAs, introducing social and environmental elements in an essentially neo-liberalist framework. Nevertheless, the author also notes that only very few of the most recent IIAs include features of sustainability, and that in many cases these features exist solely within models. On this basis, the author advocates for a shift of paradigm by strengthening the idea of investor accountability beyond soft law.

The fifth chapter ("Privacy-friendly personal data processing and sustainability: Is there mutual support?") points out how the massive processing of big data related to SDG-linked issues might be in contrast with people's right to privacy. The author discusses the different principles involved in this trade-off – with a specific focus on the principle of purpose limitation and the possibility that its application damages the environment in the long run – and advocates for further investigation in the field in the coming years.

The sixth chapter ("Sustainable work over the course of life. A new paradigm for decent work") considers the topic of social sustainability, with specific reference to the issue of decent work. The authors highlight the fact that the notion of decent work is extremely vague, and advocate for a more comprehensive principle of sustainable work that should serve as the foundation for the promotion, protection, and enforcement of work and working conditions – with protection offered to workers, notwithstanding their specific employment status. They propose the use of hard-law measures for the enforcement of sustainable work and to enhance employees' participation in the workplace management, thus making the voices of workers more audible.

The second part is devoted to sustainability and private law.

The first chapter ("The legal consequences of apparent authority for sustainable agency relationships") deals with a classic issue of private law with a view to its interaction with sustainability: apparent authority. The author argues that the application of sustainability to a transaction marked by apparent authority should lead to the right of the affected third party to freely choose the remedy between the compensation of damages and the performance of the obligation in kind. The same should also be the case for the principal and the fourth parties involved in the agency relationship.

The second chapter ("The change of commercial contractual relations influenced by sustainability clauses") describes the impact of sustainability on commercial contractual relations, in particular with the inclusion of sustainability clauses. The author analyses the interaction between sustainability clauses and the doctrine of classic contract law, finding difficulties in applying to the former the legal instruments proper to the latter. However, sustainability-related contractual obligations are usually ancillary, and, in general, sustainability objectives are not yet considered trade custom or established business practice – even if the current trend leaves open the idea that they will become increasingly relevant in the near future.

The third chapter ("The role of the product quality guarantee in promoting sustainable consumption: Lithuanian experience") considers how the product quality guarantee might serve as a driver for the promotion of more sustainable consumption. The author emphasizes the role of the legal framework in this field, as it indirectly promotes the more sustainable consumption choices of the consumer. In particular, the author focuses on recent amendments to the Lithuanian Civil Code (2022) that promote both the circulation of longer-lasting products and a longer period of use.

The fourth chapter ("Corporate sustainability and the shareholder activism problem") analyses the issue of shareholder activism, in particular with reference to the Corporate Sustainability Reporting Directive. The obligation for directors to consider the longer-term impacts of a company's activities is considered as a means of overcoming the short-term (often unsustainable) approach that many shareholders, being interested mainly in profit maximization, possess.

The fifth chapter ("The remote participation of shareholders in the general meetings of private companies as a tool for more inclusive shareholder engagement") refers to a topic that was extremely relevant during the recent COVID-19 pandemic: remote shareholder participation and voting in the general meeting. The author in particular analyses the most recent (November 2022) Lithuanian legislation on this topic by highlighting its advantages, both from a substantive and a procedural point of view, in terms of the enhancement of real shareholder engagement.

The sixth chapter ("The main directions in the sustainable development of legal regulation of reorganization in Ukraine") focuses on the concept of reorganization in Ukrainian legal experience, defining it as a multidimensional phenomenon. The key sustainability issue in the contribution lies in the observation that reorganization is likely to affect creditors' interests. The author advocates for the reconceptualization of reorganization so as to have it considered from a socio-economic perspective, with a view toward Ukraine's relationship with countries in Europe and around the world.

In the seventh chapter ("Access to justice in civil cases: Filling the gap in the sustainable development agenda"), which concludes Chapter II, the authors focus on access to justice as a specific topic included in Goal 16 of the UN Agenda 2030 SDGs. Such an observation puts access to justice, in particular by means of ADRs and specifically with reference to civil cases, in the field of social sustainability. Furthermore, the authors – pursuant to the UNDP – point out that access to justice is to be defined not just as a procedural, but also as a substantive right, guaranteeing just and equitable legal and judicial outcomes.

The transformation of criminal law in the context of sustainability is the topic of the third part.

In the first chapter ("Environmental crime: Lithuanian criminal policy in the context of European regulation"), trends in the interpretation of the concept of environmental damage are considered from both the European and the Lithuanian perspective by highlighting the limited acknowledgment of criminal liability. At present, despite the implementation of the European rules by Lithuania, administrative and civil remedies are preferred over criminal liability when it comes to environmental offences.

The second chapter ("The principle of subsidiarity of criminal law as a condition prerequisite for sustainable criminalization") considers a classic criminal law topic in terms of its interaction with sustainability: the principle of subsidiarity. In particular, the author uses the concept of sustainability in order to define the room left to criminal law – and in general to criminalization – when a certain offense is considered with a view toward other legal areas. In this sense, sustainability in the law-making process would guarantee the persistence of criminal law as an *extrema ratio*.

The third chapter ("Decriminalization of the illicit possession of small quantities of drugs and the sustainable reduction of drug consumption") is also related to the criminalization threshold, with specific reference to the possession of small quantities of narcotic drugs for non-distribution purposes. The author questions the most appropriate policy between the criminalization and non-criminalization of such a form of possession, as research carried out on the topic does not offer clear evidence that decriminalization is a sustainable solution for reducing drug consumption. At the same time, the author acknowledges that the final decision is a political and value-driven assessment that is made by the legislator.

The fourth chapter ("Accessible and sustainable criminal justice: The right of an incapacitated accused person to be present at a court hearing") focuses on the social sustainability naturally embedded within the possibility of actual participation in criminal trials for people with disabilities. The authors present the models that are most widespread classically and more recently in dealing with this topic, advocating for the use of a modified functional approach and for a system in which actual participation in the trial – not just understanding – is guaranteed to the incapacitated defendant. They also focus on the specific duty of care that the State must have towards incapacitated people with reference to their right to have proper legal assistance, and the necessity of particular care in assessing the meaning and awareness of their testimonies.

In the chapter's final subchapter ("Encouraging coordinated vulnerability disclosure: The protection of vulnerability reporters"), the authors comparatively discuss the situation of vulnerability reporters in the EU in the general framework of cybersecurity and the recent European NIS 2 Directive (2022). The contribution discusses the ways in which legal protection takes place and the specific obligations that enable vulnerability reporters to avoid criminal liability, observing that only four Member States have adequate guarantees to protect these researchers. The authors therefore advocate for the revision of the Cybercrime Directive to guarantee the more harmonized and effective protection of vulnerability reporters.

Part Four is devoted to providing several examples and experiences of sustainable activity and conduct, with the subsequent legal fallout discussed.

The first chapter ("The implementation of the sustainable development principle in zoning and planning regulations: The Lithuanian case") considers the impact of sustainability in spatial planning in terms of the so-called sustainable development principle. The author points out that the Lithuanian Spatial Planning Law has not encompassed mandatory rules for a long time, while more concrete actions are taken by local planners. The author specifically refers to the master plan of the city of Vilnius, where specific environmentally friendly measures are outlined. They also argue that Vilnius' example and its establishment of specific soft laws might eventually be followed by other cities, and might even become a regulatory framework in the future.

The second chapter ("The problem of sustainable legal regulation of electric vehicle infrastructure") considers one of the most-discussed topics regarding mobility: the use of electric vehicles. The author points out that while electric mobility is far less polluting per se than traditional vehicles, many problems arise when it comes to the cost of electric vehicles, and in particular when we consider the manufacture and disposal of exhausted batteries. They support the efforts of the EU in its policy regarding the circular economy in the field of batteries, not least in order to reduce dependence on China, and advocate for the increased attention of legal scholars in assisting in the development of a more effective legal environment for promoting sustainable technological solutions.

The third chapter ("The links between sustainability and electrification in the regulatory framework of EU and Lithuania") again considers electric vehicles, showcasing research that demonstrates that the environmental benefits derived from the increased number of electric vehicles in Lithuania are substantially offset by the increased emissions required for the recycling, disposal, and reuse of their batteries. The author argues that the correct way to pursue sustainability should perhaps involve

a model that does not presuppose the maintenance of the current level of production, and that might also include a shift of paradigm in education.

The fourth chapter ("Contribution to the sustainable development agenda by calculating and reducing greenhouse gas emissions from the waste management sector") focuses on climate change mitigation in waste management sector, the intersection between the waste management and energy sectors, with specific reference to greenhouse gas emissions reporting to IPCC. The author argues that GHG emissions from the waste management sector, as it is understood under the Waste Framework Directive, at large are attributed to other sectors (mainly energy sector). This creates the appearance that the waste management sector is low-polluting and is among the lowest contributors to climate change, affecting the public debate and potentially leading to a lack of policy changes within the legal framework of the sector. The author advocates for measures that should be in the waste management sector towards climate neutrality.

In the fifth chapter ("Sustainability: Bridging the gaps between law, finance, and technology"), the author considers the legal, financial, and technological frameworks of sustainability together in order to create a consistent approach by providing several examples of bottlenecks. In addition, they point out that academia has a key role to play – both in terms of sustainability education and by means of retraining services.

The final chapter ("The sustainability of the legal profession: Lawyers' role in the future regulation of pandemic and war responses") highlights the role of legal professions in the promotion of sustainability, with a particular focus on human dignity. The author considers the fight against impunity for war crimes in Russia's invasion of Ukraine (with reference to SDG 16); the no-poverty goal stated in SDG 1 and how it is dealt with in current legal practice; and the promotion of decolonial and anti-discriminatory thinking by legal professionals in their activity (SDG 10). They also refer to environmental sustainability, and in particular climate actions (SDG 13), as a way to promote equality among human beings.

Alessio Bartolacelli Associate Professor of Italian and European Business Law Jean Monnet Chair "Business Law in the European Union and Sustainable Economy" University of Macerata, Italy Law fostering sustainability and sustainable development is one of the fastest-developing, most challenging legal disciplines globally. Sustainability has many different definitions, but its essence was articulated by the Brundtland Commission, tasked by the UN in 1987 to formulate a global agenda for change: "Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs." The edited volume Law and Sustainability analyses the ways on how law and legal profession should change and contribute to sustainability.



