
Contents

<i>List of contributors</i>	x
<i>Acknowledgements</i>	xiii
<i>Table of cases</i>	xiv
<i>Table of legislation</i>	xvii
1 Introduction <i>Rafael Leal-Arcas and Jan Wouters</i>	1
PART I INSTITUTIONAL ASPECTS	
2 Competences in EU energy policy <i>Kim Talus and Pami Aalto</i>	15
3 External competences in energy and climate change <i>Ries Kamphof, Thijs Bonenkamp, Joren Selleslaghs and Madeleine O. Hosli</i>	30
4 EU energy and competition: analysis of current trends and a first assessment of the new package <i>Leigh Hancker and Francesco Maria Salerno</i>	48
5 The European Energy Union <i>Thomas Pellerin-Carlin</i>	67
PART II EXTERNAL ASPECTS	
6 The new global landscape and energy politics in the 21st century <i>Klaus Segbers</i>	105
7 The role of the ECT in EU–Russia energy relations <i>Andrey Konoplyanik</i>	114
8 Global energy security and EU energy policy <i>Severin Fischer</i>	150
9 Rule-maker or rule-taker? The EU and the shifting global political economy of energy <i>Thijs Van de Graaf</i>	165
10 The International Energy Charter: a new impetus for global energy governance? <i>Sijbren de Jong</i>	179

- 11 The EU energy security strategy in the Caspian Sea region: addressing the bear in the room 192
Stratos Pourzitakis
- 12 Russian energy projects and the global climate, geopolitics and development conundrum 215
Slawomir Raszewski

PART III ECONOMIC, SOCIAL AND LEGAL ASPECTS

- 13 The dark side of power: corruption and bribery within the energy industry 237
Costantino Grasso
- 14 Electricity and gas markets 257
Guy Block and Elvira Saitova
- 15 Energy Justice: a concept to make the Pigouvian tax work 273
Jan Schmitz, Kai Menzel and Fabian Dittrich
- 16 Energy and the law of the sea 287
Stephen Minas
- 17 Access to an effective remedy in business-related human rights violations in the context of oil and gas disputes 309
Youseph Farah and Malakee Makhoul
- 18 EU energy law in the maritime sector 335
Beatriz Huarte Melgar
- 19 A (legal) challenge to privacy: on the implementation of smart meters in the EU and the US 353
Max Baumgart
- 20 Paris Agreement: the evolution of international law standards in the post-ontological framework 370
Antonio Morelli
- 21 Social science as a starting point? 395
Michael Kattirtzi

PART IV ENVIRONMENTAL AND TECHNOLOGICAL ASPECTS

- 22 EU Emissions Trading Scheme: preventing carbon leakage before and after the Paris Agreement 417
Kati Kulovesi
- 23 Energy and environment 432
József Feiler and Peter Vajda
- 24 Are smart grids the key to EU energy security? 450
Filippos Proedrou

25	Renewable energy, waste management and the circular economy in the EU: solar PV and wind power <i>Feja Lesniewska</i>	460
26	The role of renewable energy law and policy in meeting the EU's energy security challenges <i>Penelope Crossley</i>	469
27	Energy futures: new approaches to energy choices <i>David Elliott</i>	486
28	EU energy innovation policy: the curious case of energy efficiency <i>Jan Rosenow and Florian Kern</i>	501
	<i>Index</i>	519