

Contents

<i>List of Figures</i>	<i>page</i> xi
<i>List of Tables</i>	xiii
<i>List of Contributors</i>	xv
<i>Acknowledgements</i>	xxi
1 Introduction Ruven Fleming	1
PART I CURRENT HYDROGEN REGULATION ON THE CONTINENTS	
2 Hydrogen Regulation in Europe: The EU's 'Hydrogen and Decarbonised Gas Market' – Best Practice or Missed Opportunity? Leigh Hancher and Simina Suciu	13
3 Hydrogen Regulation in the United States: Will Government Financial Incentives Outweigh Regulatory Hurdles? Donna M. Attanasio and Meghan Briggs	30
4 Hydrogen Regulation in Latin America: From Promise to Production Howard James Foy	46
5 Hydrogen Regulation in Oceania: Enabling Renewable Hydrogen Licensing on Complex Land Uses Madeline Taylor	65
6 Hydrogen Regulation in the Middle East and North Africa Region: Trends, Limitations, and Ways Forward Damilola S. Olawuyi and Mehmoosh Aryanpour	84
7 Hydrogen Regulation in Southeast Asia: Steam Reforming from Biofuels as an Alternative to Electrolysis? Piti Eiamchamroonlarp	98

PART II REGULATING HYDROGEN MARKETS		
8	Economics of Regulating Hydrogen Markets Machiel Mulder	115
9	The Role of Regional and Local Authorities in Developing a Regional Hydrogen Economy Ceciel Nieuwenhout	129
10	Sustainability Criteria for Renewable Hydrogen Romain Mauger, Paola Villavicencio-Calzadilla and Ruven Fleming	142
11	Public Participation in the Hydrogen Economy: Lessons Learned from the Northern Netherland Hydrogen Valley Lorenzo Squintani and Stan Schouten	158
PART III REGULATING HYDROGEN PRODUCTION		
12	Offshore Production and Transport of Green Hydrogen: A Case Study on Denmark and the Netherlands Liv Malin Andreasson	173
13	How to Build Your Own Electrolyser: Pitfalls and Challenges of the Permitting Procedures in Finland Elena Tissari	189
14	Giving Hydrogen the Green Light and Putting It on the Fast-Track? Consenting Hydrogen Developments in Aotearoa New Zealand Jennifer Campion	201
PART IV REGULATING HYDROGEN TRANSPORT		
15	Accelerating Permission: Hydrogen Transport and Storage Regulation – A German Case Study Cathérine Jansen	217
16	Goal-Setting Approaches to the Regulation of Hydrogen Transport: A Case Study from France Kleopatra-Eirini Zerde	233
17	The Development of Hydrogen Infrastructure in the Netherlands and Third-Party Access Maaike Broersma, Philipp Jäger and Marijn Holwerda	245
PART V END USE OF HYDROGEN		
18	The Regulation of Hydrogen in the Transport Sector: Focus on Refuelling Stations Endrius Coccio	263

19	The Regulation of Hydrogen Storage as End Use Kaisa Huhta and Markus Sairanen	277
20	The Regulation of Hydrogen in the Heating Markets Pim Jansen and Leonie Reins	291
21	Conclusion Ruven Fleming	306
	<i>Index</i>	313

