

1. Record Nr.	UNINA9910787110303321
Titolo	Transport fuels from Australia's gas resources // edited by Robert Clark and Mark Thomson
Pubbl/distr/stampa	Sydney Australia : , : New South Publishing, , 2014 ©2014
ISBN	1-74224-718-0
Descrizione fisica	1 online resource (330 p.)
Disciplina	333.8233
Soggetti	Gas as fuel - Australia Motor fuels - Australia Natural gas - Economic aspects - Australia Natural resources - Australia - Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A UNSW Press book"--T.p. verso.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	CONTENTS; ABOUT THE CONTRIBUTORS; ACRONYMS; FOREWORD; INTRODUCTION; 1. STRATEGIC OVERVIEW; 2. AUSTRALIA'S OIL AND GAS RESOURCES AND INFRASTRUCTURE; 3. THE OUTLOOK FOR GAS IN THE TRANSPORT FUEL MARKET; 4. LNG FOR AUSTRALIAN ARTICULATED TRUCKS; 5. THE ECONOMICS OF GTL; 6. STRATEGIC CONSIDERATIONS; 7. GTL AND LNG TRANSPORT FUEL TECHNOLOGIES; 8. WELL TO WHEELS ENVIRONMENTAL CONSIDERATIONS; 9. EARNING A SOCIAL LICENCE FOR ALTERNATIVE TRANSPORT FUELS; 10 REGULATORY ISSUES; SCIENTIFIC AND ENGINEERING UNITS AND CONVERSIONS; GEOLOGICAL EPOCHS; GLOSSARY; ACKNOWLEDGMENTS; INDEX
Sommario/riassunto	The transport sector in Australia depends heavily on imported oil-based fuels. With this comes the ever-present risk of oil supply shortages. But Australia is gas-rich and oil-poor, so it makes practical sense to assess how our own gas resources can be used to produce these fuels. Natural gas can be used directly as a fuel, blended with diesel in modified diesel engines, and converted into a conventional liquid fuel - all at a modest cost. This book, written by Australia's leading experts in the field, demonstrates how using natural gas as a

transport fuel could increase our fuel self-sufficie

---