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# The Underground Coal Gasification (UCG) Market 2012-2022

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## Abstracts

Underground coal gasification (UCG), as a concept, has been around for over a hundred years. UCG is a clean, safe, and cheap technology suited to process deep, inaccessible coal in to higher value syngas. It has the potential to significantly increase global coal reserves used for power generation and gas-to-liquids processes. A combination of high oil prices, increasing global energy demand, and technological improvements, especially in directional drilling, has increased interest in the UCG industry over the past years and a number of countries are now seeing increasing investments in their respective UCG industries. In countries with limited natural gas and oil reserves, but extensive coal reserves, UCG offers a cleaner and cheaper alternative energy source from coal. An additional benefit comes from UCG's compatibility with emerging technologies such as carbon capture and storage (CCS), enhanced oil recovery (EOR), gas to liquids (GTL).

Currently there is only one commercial plant, which has been operating for over 50 years, but several pilot projects equipped with the latest technology have been running for several years now and first modern commercial UCG projects are about to enter the final phase of commercialisation. The sector will experience strong growth over the next decade as the technology progresses to a commercial scale and allows companies and governments around the world to profit from the vast untapped coal reserves that will become accessible via underground coal gasification. As a consequence, Visiongain has determined that the value of the global underground coal gasification (UCG) market in 2012 will reach $570m.

**What makes this report unique?**

Visiongain consulted widely with industry experts and full transcripts from these

exclusive interviews are included in the report. As such, our reports have a unique blend of primary and secondary sources providing informed opinion. The report provides insight into key drivers and restraints behind technological and programme developments, as well as identifying leading companies. The report also provides a unique blend of qualitative analysis combined with extensive quantitative data including global and national markets forecasts from 2012-2022 - all highlighting key business opportunities.

**Why you should buy The Underground Coal Gasification (UCG) Market 2012-2022**

145 Pages

3 Exclusive Visiongain interviews with experts from-

Dr. Michael S. Blinderman, Director of Operations at Ergo Exergy Technologies.

Philip Smith, an editor and journalist who is in charge of the Underground Coal Gasification Association's Media & Communications.

Rob Neill, CEO and Managing Director of Cougar Energy.

121 tables, charts, and graphs

Global underground coal gasification (UCG) market forecasts between 2012-2022

12 leading national underground coal gasification (UCG) market forecasts between 2012-2022, and the rest of the world

Australia

Bangladesh

Canada

China

Hungary

India

New Zealand

Pakistan

Poland

South Africa

UK

US

Rest of the World

A PEST analysis of the underground coal gasification (UCG) market

Identification and UCG operations overview of 30 leading companies in the underground coal gasification (UCG) market

Adani Enterprises Ltd.

BP

Carbon Energy

Central Petroleum Limited

Citation Resources Limited

Clean Coal Limited

Cook Inlet Region Inc. (CIRI)

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ECSI Limited

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Eneabba Gas Limited

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Envidity

Ergo Exergy Inc.

Eskom

Five-Quarter

GAIL India Limited

Gazprom

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Gujarat Mineral Development Corporation Ltd. (GMDC)

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Riverside Energy Limited

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**COMPANIES LISTED**

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Antafagosta Plc
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Riverside Energy Limited
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Shanxi Sanyuan Coal
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Wildhorse Energy

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