

Analyzing Carbon Management

<https://marketpublishers.com/r/A2CD8944E49EN.html>

Date: August 2012

Pages: 153

Price: US\$ 450.00 (Single User License)

ID: A2CD8944E49EN

Abstracts

Over the last decade, the concern over global carbon footprint and climate changes has increased manifold, and discussions about green house gases is all omnipresent from general public, to corporate boardrooms to political parties. There is a wide spread awareness about managing the global carbon footprint, and one of the most prominent global developments on this front has been the Kyoto protocol (followed by the Copenhagen summit).

However, global consensus has still not been arrived at, primarily due to the differing and at times opposing strategic imperatives of various countries.

Carbon Management has emerged as the key to reducing CO₂e emissions, and carbon management techniques like geo-engineering, carbon capture and storage etc. are being increasingly discussed.

As the world moves towards low-carbon economies, most national governments are accepting the need for action to reduce greenhouse gas emissions, and though the levels of commitment may vary, there is a clear trend to set emissions reduction targets.

To date, the single largest bilateral and unilateral carbon market exists in Asia, with China and India leading the queue, whereas Western Europe is currently the largest regional market for carbon management software and services. Over the coming years, China and India are supposed to represent approximately 80 percent of the global carbon management industry.

Demand for enterprise carbon management tools is set to rise as corporations start demanding ways to measure and reduce their carbon footprints to meet targets set by government, industry and their own corporate sustainability programs.

In this scenario, Aruvians Rsearch brings its research report on carbon management – Analyzing Carbon Management.

The report begins with an overview of carbon trading and carbon credits, the Kyoto Protocol, the Clean Development Mechanism (CDEM) and the Joint Implementation (JI) programs. This section further analyzes carbon sinks, emissions trading, the new commodity of GHG emissions along with other trading units in the Carbon market, etc. The section has information on the CDM and the JI including eligibility and approval processes, Track 1 and Track 2 processes, program targets, registry systems, and much more. The Carbon credits market is analyzed in the initial parts of the reports, keeping in perspective the future of carbon credits trading and voluntary markets.

Moving on, section C focuses on the present-day Carbon market. In this section, we look at market trends, the carbon market in the year 2009, impact of the Copenhagen summit on the carbon market and the business case for carbon management. CDM market in 2009 is also looked upon. Drivers for managing carbon emissions are also studied in this section.

After the initial introductory sections, we move on the region-wise analysis, starting with Africa. In the section on Africa, we analyze the carbon management market in Botswana, Mozambique, Namibia, Nigeria, Kenya and South Africa.

Carbon management in Asia covers China, India, Indonesia and Malaysia. The emergence of Asia as a key center for the carbon trading program is also discussed.

Carbon management in Latin America covers Brazil, Mexico and a brief section on other countries.

Moving on to carbon management in CIS countries, Aruvian's report covers Russia, Kazakhstan and Ukraine.

Analysis of carbon management in the UK and the US follows after this. Regulatory framework impacting carbon management in these two countries is analyzed in details as it is having an impact on the climate change policies of other countries as well. The carbon trading platform in both the UK and the US is also analyzed in-depth.

Summing up, Aruvians Rsearch's report on Analyzing Carbon Management provides the reader with a sharp insight on what is happening in the world of carbon management and how different regions are dealing with global climate change and

carbon trading.

Contents

A. EXECUTIVE SUMMARY

B. INTRODUCTION TO CARBON MANAGEMENT

B.1 Overview

B.2 About Carbon Trading and Credits

B.3 Why Carbon Trading

B.4 Kyoto Protocol, the Clean Development Mechanism and Joint Implementation

B.4.1 Carbon Sinks

B.4.2 Emissions Trading

B.4.2.1 Greenhouse Gas Emissions – A New Commodity

B.4.2.2 Other Trading Units in the Carbon Market

B.4.3 Clean Development Mechanism (CDM)

B.4.4 Joint Implementation (JI)

B.4.4.1 Eligibility and Approval

B.4.4.2 Track 1 and Track 2 Procedures

B.4.4.3 Targets

B.4.4.4 Eligibility Requirements

B.4.4.5 EU Emissions Trading Scheme

B.4.4.6 Registry Systems under the Kyoto Protocol

B.4.4.7 About Carbon Credits

B.5 About Carbon Offsetting

B.6 Carbon Credits Market

B.6.1 Voluntary Markets

B.6.2 Future is Carbon Emissions Trading

B.7 Why is Carbon Management so Important?

C. ANALYZING THE CURRENT CARBON MARKET

C.1 Overview

C.2 Market Trends

C.3 Carbon Market in 2009

C.3.1 Carbon Market after Copenhagen

C.3.2 Carbon Management in Developing Countries

C.3.3 IT Helping Low Carbon Economy

C.4 CDM Market in 2009

C.5 Business Case for Carbon Management

- C.5.1 Economics of Offset Markets
- C.5.2 Relevance of Carbon Finance in Transitioning to Low Carbon Economy
- C.5.3 Drivers for Managing Carbon Emissions
- C.5.4 Executing an Offset Inclusive Carbon Management Strategy
- C.5.5 How Emissions Benefit Companies
- C.5.6 Implications for Businesses
- C.6 Market Outlook

D. CARBON MANAGEMENT IN AFRICA

- D.1 Overview
- D.2 Botswana
 - D.2.1 Overview
 - D.2.2 CO₂ Emissions
 - D.2.3 Carbon Capture and Storage
- D.3 Mozambique
 - D.3.1 Overview
 - D.3.2 CO₂ Emissions
 - D.3.3 Activities Relating to CCS
- D.4 Namibia
 - D.4.1 Overview
 - D.4.2 CO₂ Emissions
 - D.4.3 Current and Future CO₂ Sources
- D.5 Nigeria
- D.6 Kenya
- D.7 South Africa
 - D.7.1 Emissions Primarily From Coal
 - D.7.2 CCS Potential in South Africa
 - D.7.3 Setting Sights on Carbon Capture

E. CARBON MANAGEMENT IN ASIA

- E.1 Overview
- E.2 South East Asia
- E.3 Asia Emerging as Center of Carbon Trade Program
- E.4 China
 - E.4.1 Overview
 - E.4.2 Carbon Financing in China
 - E.4.3 Carbon Forestry in China

E.4.4 China and the Gulf States

E.5 India

E.5.1 Overview

E.5.2 Legal Aspect of Carbon Trading in India

E.5.3 Indian IT Companies and Carbon Market

E.5.4 Latest Developments

E.6 Indonesia

E.7 Malaysia

F. CARBON MANAGEMENT IN LATIN AMERICA

F.1 Overview

F.2 Brazil

F.3 Mexico

F.4 Others

G. CARBON MANAGEMENT IN CIS COUNTRIES

G.1 Overview

G.2 Russia

G.3 Kazakhstan

G.4 Ukraine

H. CARBON MANAGEMENT IN THE UK

H.1 Backgrounder

H.2 Brief Profile of the European Carbon Market

H.3 Climate Change Bill

H.4 UK Low Carbon Transition Plan

H.5 Carbon Trading Platform

H.6 Investment in Carbon

H.7 UK Competitive Advantage for Investing in Carbon

H.8 Carbon Capture and Storage

H.9 Regulatory Framework

H.9.1 Commodity Futures Trading Commission

H.9.2 Securities and Exchange Commission

H.9.3 Federal Energy Regulatory Commission

H.9.4 Environmental Protection Agency

H.10 US Corporations and Carbon Management

H.11 Waxman-Markey Bill
H.12 Latest Developments

J. APPENDIX

J.1 List of Annex I Parties to the Convention
J.2 List of Non-Annex I Parties to the Convention
J.3 Countries Included in Annex B
J.4 Amendment to Annex B of the Kyoto Protocol

K. GLOSSARY OF TERMS

I would like to order

Product name: Analyzing Carbon Management

Product link: <https://marketpublishers.com/r/A2CD8944E49EN.html>

Price: US\$ 450.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A2CD8944E49EN.html>