

E.ON Masdar

Integrated Carbon

RELEASING POTENTIAL
E.ON Masdar Integrated Carbon

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Masdar
A MUBADALA COMPANY



WE ARE E.ON Masdar Integrated Carbon

Two of the world's energy pioneers have come together to create something new and powerful.

E.ON Masdar Integrated Carbon is a new joint venture between E.ON and Masdar that develops and invests in carbon abatement projects in industry, power and oil & gas across Africa, Asia and the Middle East.

We focus on Energy Efficiency, Fugitive Gas Reduction and Waste-to-Energy projects, generating revenues for our Partners from the sale of power, steam and other project outputs and from monetising emission reductions as carbon credits under the UN's Clean Development Mechanism.

Working in partnership with asset owners across emerging markets, E.ON Masdar Integrated Carbon offers industry, utilities and national oil & gas companies real opportunities to increase their energy efficiency, generate additional revenues... and reduce emissions.

E.ON Masdar Integrated Carbon aims to offer its clients a fully integrated service, from the development and design of carbon abatement projects to the financing, engineering and operation. It is a new breed of company: an International Carbon Company.



POWERFUL PARTNERS

E.ON Masdar Integrated Carbon draws on the strengths and expertise of its two shareholders:

- Technical knowhow and power projects expertise from E.ON, enabling us to provide world-class execution capability to our partners
- Oil & gas, project management and carbon finance knowhow from Masdar enabling us to offer a complete solution for the successful development of carbon projects.

E.ON
E.ON is a world class integrated power and gas utility with activities ranging from power generation and gas production to trading, distribution and sales.

As one of the world's largest investor-owned power and gas companies, its 88,000 employees generated just under €82 billion in sales in 2009. Headquartered in Düsseldorf, E.ON has leading market positions in power and gas and nearly 30 million customers in more than 30 countries.

Discover more at eon.com

Masdar
As Abu Dhabi's future energy company, Masdar is multi-faceted group advancing the development and commercialisation of renewable and alternative energy.

Acting as a bridge between today's fossil fuel economy and the energy economy of the future, Masdar is developing the 'greenprint' for how we will live and work tomorrow. With initiatives in education, research, carbon trading and investment, and based in its own sustainable 21st century city, Masdar is dedicated to the emirate's long-term vision of the future of energy.

Explore the future of energy at masdar.ae



TURNING OPPORTUNITY INTO COMPETITIVE ADVANTAGE

Headquartered at Abu Dhabi's Masdar City, we create value from increasing industrial energy efficiency, using waste to generate clean power and reducing gas flaring and gas leakages in the global effort to reduce greenhouse gas emissions.

We aim to be industry's partner of choice for the full value-chain management of carbon abatement.

Our Offering

	Pre-Feasibility	Development	Financing / Implementation	Operation
Technical	Pre-feasibility study	Development, Planning, Tendering	Supervision, Owner's Engineer services	Supervision and Optimization
Commercial / legal	Financial modelling, scenarios	Investment Planning, Financial Structuring, Contract, Procurement	Equity investment, Licensing, Claim Management	Performance Controlling
CDM	Feasibility check, PIN	PDD, Validation, ERPA	DNA Approval, Registration	Monitoring, Carbon Offtake
Project Management	Overall Project Coordination, Stakeholder Management			



FOCUSED ON REDUCING CARBON EMISSIONS

With a highly focused strategy, we invest in projects with large carbon abatement potential, able to deliver significant improvement in efficiency and genuine value to our partners.

We prefer late-stage development projects with a short lead time until CER delivery.

Our Technology Focus

Energy Efficiency

- Fuel switch
- Open- to combined-cycle gas turbine conversion
- Waste heat recovery

Fugitive Gas Reduction

- Gas leak reduction
- Gas flaring reduction

Waste to Energy

- Biogas from wastewater
- Refuse-derived fuel from municipal waste

Our Geographic Focus

South-East Asia, Central Asia, Middle East, Africa.

A NEW BREED OF PARTNER. A NEW WAY OF THINKING.

At E.ON Masdar Integrated Carbon, we offer our partners a new and unique partnership model.

Leveraging the world class resources of E.ON and Masdar, we are focused on fully integrated carbon solutions – and dedicated to win-win economics.

As part of our mandate to reduce carbon emissions, not only do we help our partners make money from their projects' energy savings, but we also share with them the value of their carbon emission reductions.

Creating new value.

Open for business.

At E.ON Masdar Integrated Carbon, we look forward to creating value from existing inefficiencies in energy consumption.

We invite utilities, industrial companies, financial institutions, project developers and technology providers to work with us to realize this potential.

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