

Dr. Petra Opitz

Experiences of dena in JI - Portfolio development

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Ownership Structure of the German Energy Agency.



- Federal Ministry of Economics and Technology
- Federal Ministry for the Environment, Nature Conservation and Nuclear Safety
- Federal Ministry of Transport, Building and Urban Development

Management
Stephan Kohler - Chief Executive
Andrea Weinert



dena's board.

Supervisory Board Chairman

- Michael Glos
Federal Minister for Economics and Technology

Deputy Chairman of dena board

- Detlef Leinberger
Managing Director, KfW Bankengruppe
- Dr. Tessen von Heydebreck
Member of the Group Board of Deutsche Bank AG
- Wolfgang Kroh
Managing Director, KfW Bankengruppe (Deputy Chair)
- Wolfgang Tiefensee
Federal Minister for Transport, Building and Urban Development
- Sigmar Gabriel
Federal Minister for the Environment, Nature Conservancy and Nuclear Safety

Fields of Competence and Activity at dena.



International
Activities &
Flexible
Kyoto
Mechanisms



dena as an actor in the field of JI/CDM

Aim: Push development of markets of the Kyoto Flexible Mechanisms

Type of Activities:

- Support to the German government in the field of capacity building in transition countries
- Development of market supply – project portfolios
- Services for German companies in order to develop JI- and CDM-projects
- Development of financing schemes

Services of dena in the field of JI/CDM

- Screening and examination of potential projects at the level of PINs
- JI/CDM project partner matching (linking JI/CDM project owners with German investors – both carbon investors and „real“ investors)
- Obtaining project approval documents (LoE, LoA)
- Support in elaboration of required project documentation
- Capacity Building: Handbooks, Workshops

Current Activities in JI/CDM

- Development of bilateral JI portfolios – support to investors
 - Russia (September 2004 – April 2005)
 - Romania (September 2005 – April 2006)
 - Ukraine (October 2005 – March 2006)
- Development of CDM Projects with China
 - Cooperation agreement with the Chinese province Guizhou
- Support to German companies for implementation of JI/CDM projects
- Elaboration of a JI-Handbook for Russian project owners (2006), Handbook for Ukraine in preparation

JI – Project Portfolio:

Information available at:

www.dena.de/en/topics/international/

	Project type	Location	Project owner	Total Investment	Calculated emission reductions (average CO ₂ t/a for the period 2008-2012)
1	Construction of CHP Plant for Gas Turbines Waste Heat Utilization at Bogorodchany Gas Compressor Station No. 21	Bogorodchany	Cogeneration Technologies B-1 Ltd.	12,735,000	130,000
2	Construction of flexing generating CHP plant at Chervonograd City	Chervonograd	Energoinvest Ltd in negotiation with investor	16,600,000	56,400
3	Reconstruction of CHP Plant at Novyi Rozdil city of Lviv region	Novyi Rozdil	East European Energy Systems Ltd in negotiation with investor	15,800,000	49,200
4	Construction of CHP Plant on the base of Zaliznychne Teploenergo Boiler-House in Lviv City	Lviv, Petliura Street and Shyroka street	Environmental and Energy Systems Ltd	6,560,000	28,000
5	Construction of CHP plant for waste heat utilization at Rogatyn gas compressor station	Rogatyn	Environmental and Energy Systems Ltd in negotiation with investor	4,100,000	40,000
6	Construction of flexing generating CHP Plant at Sevastopol	Sevastopol	Environmental and Energy Systems Ltd in negotiation with investor	16,600,000	76,000

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JI – Project Portfolio:

- Russia, Ukraine, Romania
- overall 30 projects with a total CO₂ emission reduction of **2,357,000 t**
- Still available for investors: 19 projects with an overall emission reduction of **1,462,000 t CO₂ equ.**

Project types identified and pre-assessed so far

- Rehabilitation of power plants and CHP
- Installation of Mini-CHP in boiler houses
- Fuel savings by installing frequency inverters and advanced burners in gas heat boilers
- Use of waste heat of compressor stations (gas pipelines)
- Rehabilitation thermal distribution systems
- Energy saving in pulp and paper mill industry, steel industry, chemical industry
- Energetic use of landfill gas
- Wind energy
- Energetic use of mining methane
- Using Jatropha for production of bio diesel

Совместное Осуществление
Руководство для российских компаний



JI – Handbook for Russian Companies

in cooperation with:

National Carbon Sequestration
Foundation (NCSF)

-

Ministry for Economic Development
and Trade (MEDT)

supported through:

German Ministry for the Environment,
Nature Conservation and Nuclear
Savety (BMU)

Content of the JI Handbook:



Competencies in the field of CDM & JI

- very good insight into different carbon markets – especially in Russia, Ukraine, Romania, China but also in other potential project countries
- direct access to important potential project owners in JI and CDM host countries especially in Russia, Ukraine, Romania and China
- experiences in the mediation and the procurement of projects to potential carbon investors
- a broad network of competent international partners
- direct contact to governments and DNAs in various project countries

Future Activities of dena

- A strong focus will be put on the extension of the existing CDM / JI project portfolio – target regions will be Eastern Europe, the former CIS states as well as China and India
- preparation of a Ukrainian JI handbook in cooperation with the Ukrainian government and local partners
- “Jatropha project” in China – production of biofuel from the plantation of the Jatropha plant in China
- German – Tunesian CDM portfolio

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Vielen Dank.



Efficiency decides.