



PRAGUE



The U.S. Trade and Development Agency presents the

USTDA Waste-to-Energy & Renewable Energy Regional Conference

DECEMBER 9 – 11, 2002

INTERCONTINENTAL HOTEL PRAGUE

PRAGUE, CZECH REPUBLIC

Business Opportunities in:

THE CZECH REPUBLIC • ESTONIA • HUNGARY •

LATVIA • LITHUANIA • POLAND • SLOVAKIA • SLOVENIA



DECEMBER 9-11, 2002 • INTERCONTINENTAL
USTDA WASTE-TO-ENERGY & RENEWABLE ENERGY

OPPORTUNITIES IN THE CZECH REPUBLIC • ESTONIA • HUNGARY

The U.S. Trade and Development Agency (USTDA) invites you to attend the **USTDA Waste-to-Energy & Renewable Energy Regional Conference** in Prague, Czech Republic on December 9-11, 2002.



The conference will have two central foci: 1) a variety of projects that relate to the transformation of refuse products from refineries, chemical plants, agricultural facilities, municipalities, and other industrial operations, into usable resources; and, 2) the use of renewable sources (e.g., wind, solar and geothermal) to provide energy to the communities of this region. These projects will require the work of engineers and products supplied by U.S. companies of all sizes.



Attention potential U.S. contractors:

- USTDA is currently recruiting new waste-to-energy and renewable energy projects for feasibility study grant support.
- Five feasibility studies having a combined total worth of up to \$2 million will be signed by USTDA at this conference.
- US contractors interested in conducting these studies should attend the conference and meet their future clients.



All of the countries featured at this conference are targeting accession to the European Union in 2004. EU requirements in areas such as the percentage of energy produced from renewable sources, recycling, and waste disposal are dramatically improving the economics of waste-to-energy and renewable energy projects. Now is the time to go after these deals. Can you afford not to be there?



PROJECT HIGHLIGHTS

Over 30 projects ranging from \$1,000,000 to over \$250,000,000 in value encompassing a wide range of technologies from conversion of animal, communal, and industrial wastes to heat, electricity and liquid fuels and production of biomass based pelletized boiler fuel to large on-shore and off-shore wind energy projects.

Projects in Poland include:

- 32 MW wind farm project being promoted by PSE affiliated companies.
- \$5 million biomethane extraction project — 60 other similar projects are already identified.
- \$5 million cogeneration project using biomass fuel.
- Biodiesel production from energy crop using acid extraction technology. Potential U.S. exports include harvesting equipment, compactors, boilers, bio-refinery equipment and EPC services.
- 60-80 MWe on-shore and 250 MWe offshore wind projects.
- A 300 tons per day waste-to-energy facility in the City of Chelm for producing 20 MW of heat for a district heating system and 3 MW of electricity.
- Bytom \$14 million plasma facility for treating industrial wastes.
- Suwalki County 50 MWe wind energy park feasibility study is completed and the county is seeking project developers/investors.

Projects in the Slovak Republic include:

- \$5.3 million project for production of 24,000 ton per year of biomass pellets as boiler fuel from sawdust and wood shaving. A biomass fueled cogeneration system will provide process heat and electricity to the pellet production facility.
- \$15 million, 50 MWe cogeneration unit utilizing sludge from a pulp and paper production facility producing recycled paper.
- 100 MWt geothermal project providing heat to a district heating company.
- 40 MWe of hydropower projects being promoted by SE.

- \$12 million project for recovering waste heat at a nuclear plant to use in a neighboring district heating system saving over 16 million m³ of natural gas annually.
- \$30 million industrial waste incineration project at Slovnaft.

Projects in Hungary include:

- 50 MWe biomass-coal co-firing project. EPC contractor selection and construction is scheduled for 2003.
- 80-100 MWe wind farms — wind data is being collected at 8 different sites.
- Two (2) disposed rubber fuel (RDF) projects for conversion of waste tires and other waste rubber materials to heat and electricity or other salable products such as liquid fuels and carbon black with a total cost of over \$50 million.
- Ajka \$19 million project for anaerobic conversion of MSW to electricity and fertilizer.

Projects in the Czech Republic include:

- Biogas production from chicken waste for cogeneration applications. Similar projects using sludge waste and agricultural wastes to follow.
- The Kutna Hora biomass based district-heating project being promoted as a demonstration project by the Kutna Hora City Council and the District Heating Association of the Czech Republic with 100-150 members — up to 100 similar projects could be implemented.
- \$87 million Integrated Plasma Gasification Combined Cycle (IPGCC) project for conversion of 160,000 tons per year of MSW to 45 MW of energy.

- 10 new potential biomass/cogeneration projects at facilities operated by DRUID, an agricultural company.
- \$40 million waste-to-energy project at the City of Plzen for converting MSW to heat and electricity.

Projects in Latvia include:

- Waste-to-energy projects for conversion of communal and industrial waste to energy.

Project in Estonia:

- A new bio-fueled Central Heating Plant generating 20 MWe and 50MWt.

Project in Lithuania:

- Converting 4 to 6 mazut fired boilers, ranging from 2 to 10 MW, to utilize biomass.



Provisional Agenda

Monday, December 9

1:30 P.M.–6:30 P.M.

Conference Registration

Congress Hall Foyer, Ground Floor

6:00 P.M.–8:00 P.M.

Welcome Reception

Golden Prague Restaurant, 9th Floor

Hosted by the U.S. Trade and Development Agency

Welcome by:

The Honorable Thelma J. Askey

DIRECTOR, U. S. TRADE AND DEVELOPMENT AGENCY

Mr. Kenneth Hillas

DEPUTY CHIEF OF MISSION

U.S. EMBASSY, CZECH REPUBLIC

Keynote Speaker:

TBD

Tuesday, December 10

Hospitality Suite available 9:30 a.m.–5:00 p.m. for scheduled delegate meetings (Salon Vlasta, Ground Floor)

7:30 A.M.

Registration continues

Congress Hall Foyer, Ground Floor

7:30 A.M.–8:30 A.M.

Continental Breakfast

Foyer of Congress Hall and

Helena Salons, Ground Floor

8:45 A.M.–9:30 A.M.

Opening Plenary Session

Congress Hall, Ground Floor

Welcome and Introductions:

The Honorable Thelma J. Askey

DIRECTOR, U. S. TRADE AND DEVELOPMENT AGENCY

Keynote Address:

His Excellency Ing. Jiri Rusnok

MINISTER OF INDUSTRY AND TRADE OF THE CZECH REPUBLIC

9:30 A.M.–10:45 A.M.

Finance Panel

Salon Diana, Ground Floor

Panel:

- Export Import Bank of the U.S. (EXIM)
- Overseas Private Investment Corporation (OPIC)
- European Bank for Reconstruction and Development (EBRD) – invited
- International Finance Corporation (IFC) – invited
- Ecofund

10:45 A.M.–11:00 A.M.

Coffee Break

Congress Hall Foyer, Ground Floor

11:05 A.M.–12:20 P.M.

Regulatory Environment Panel

Congress Hall, Ground Floor

- Impact of EU accession requirements
- National energy/environmental plans
- Timetables for meeting EU environmental regulations
- Business opportunities driven by regulations

Grant Signing: TBD

12:30 P.M.–2:00 P.M.

General Luncheon

Primator Restaurant "II", Ground Floor

2:15 P.M.–5:30 P.M.

Featured Project Presentations (24)

- Waste-to-Energy Project Presentations

Salon Helena I, II, III – Ground Floor

- Renewable Energy Project Presentations

Salon Diana, Ground Floor

3:00 P.M.–4:00 P.M.

Beverage service available in the Congress Foyer, Ground Floor

7:00 P.M. – 9:00 P.M.

Reception/Buffer Dinner

Congress Hall, Ground Floor

Wednesday, December 11

Hospitality Suite available 9:30 a.m.–5:00 p.m. for scheduled delegate meetings (Salon Vlasta, Ground Floor)

7:30 A.M.–8:30 A.M.

Continental Breakfast

Foyer of Congress Hall and

Helena Salons, Ground Floor

8:40 A.M.–12:00 P.M.

Featured Project Presentations (26)

- Waste-to-Energy Project Presentations

Congress Hall, Ground Floor

- Renewable Energy Project Presentations

Salon Diana, Ground Floor



10:30 A.M.–10:50 A.M.

Coffee Break

Congress Foyer, Ground Floor

12:15 P.M.–2:00 P.M.

General Luncheon

Primator Restaurant "II", Ground Floor

2:30 P.M.–5:30 P.M.

One-on-One Meetings (20 minutes each)

Salon Helena I, II, III – Ground Floor

3:00 P.M.–4:00 P.M.

Beverage service available in the Congress Foyer, Ground Floor

6:00 P.M.

Bus transportation arrives at the Lobby entrance to the Intercontinental Hotel

6:30 P.M.

Commence transport to Kaunicky Palace

7:00 P.M.–9:00 P.M.

Reception/Buffer Dinner Kaunicky Palace

Welcome Remarks:

H.E. Craig Roberts Stapleton

U.S. AMBASSADOR TO THE CZECH REPUBLIC

8:45 P.M.–9:00 P.M.

Bus transportation available for return to Intercontinental Hotel

END OF PROGRAM

For more information, call (202) 429-5245, e-mail MAK@kealtd.com, or visit www.meetingform.com/tda-wte
FOR MOST UP-TO-DATE AGENDA, PLEASE VISIT WWW.KEALTD.COM



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