



## SABIT GROUP PROGRAM

### ENERGY EFFICIENCY AND RENEWABLES FOR THE CONSTRUCTION INDUSTRY, FOR THE RUSSIAN FAR EAST, UKRAINE, AND GEORGIA

AUGUST 23 – SEPTEMBER 20, 2008

#### PROGRAM TOPICS

##### **Sub-System Construction and Materials**

Insulation  
Walls, floors, and foundations  
Lighting and Electric  
Plumbing and water systems  
Roofing and attic systems  
Windows and doors  
HVAC and ventilation

##### **Renewable Energy Sources in Construction**

Solar  
Wind  
Hydrothermal  
Geothermal  
Fuel cells  
Biomass

##### **Governmental Programs and Support**

Energy conservation ordinances and standards  
Energy efficiency programs for low-income families  
Local, state, and federal incentives  
Development of state and local building codes

##### **Business Aspects**

Marketing and sales  
Research and development  
Financing and financial incentives  
Payback periods for energy efficient technologies

##### **Technologies, Tools, Concepts**

Energy auditing  
IT applications  
Automated controls and occupancy sensors  
Certification and rating programs  
Life cycle analysis  
Construction waste recycling

##### **Design and Architecture for Energy Efficiency**

“Whole Building” design approach, integrated building design  
Landscaping  
Passive solar design  
CAD design tools  
Disaster resistance

#### **FOR MORE INFORMATION**

This is not an exhaustive list. Host companies are invited to discuss any of these and other topics related to energy efficiency in construction.

For more details on specific interests, or to learn how you can participate, please contact:

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