



SABIT GROUP PROGRAM

ENERGY EFFICIENCY IN CONSTRUCTION, RUSSIAN FAR EAST
AUGUST 27 – SEPTEMBER 24, 2005

DELEGATE BIOGRAPHIES

Leonid Alekseyko

Far Eastern State Technical University

Vice President, Research

Vladivostok, Russia

The Far Eastern State Technical University is the oldest technical institution in the Russian Far East. Research is conducted at the university in a number of fields, including energy efficiency and energy supply, construction techniques, and architecture. Mr. Alekseyko oversees 12 research divisions and 25 organizations affiliated with the university. He is interested in international partnerships for research in the areas of energy efficiency in building, and uses of renewable sources of energy.

Valentina Azhirkova

Khabarovskgrazhdanproyekt

Head, Design Division

Khabarovsk, Russia

Ms. Azhirkova is responsible for the design of several types of buildings in her region, both residential and commercial in nature. She is interested in energy efficiency in construction design due to a number of new laws that were passed in her region concerning energy efficiency requirements for materials, heating systems, insulation, and other construction aspects that affect her work. The topics of most interest to her are IT applications, commissioning, and energy efficiency developments in windows, walls and ventilation systems.

Vera Bondarenko

Khabarovskgrazhdanproyekt

Chief Architect

Khabarovsk, Russia

As the Chief Architect of her project staff, Ms. Bondarenko is not only responsible for the design, but for the feasibility studies connected with the project. In addition, she also goes on-site during to construction to assess the quality and the integrity of the design. Energy efficiency in construction is an

acute problem in her region, as annual temperatures range from –35 to +35 degrees Celsius (-31 to +95 degrees Fahrenheit), and various methods currently used to combat heat retention and heat loss are not maximally effective. Ms. Bondarenko would like to examine this issue, and also learn more about coordination of various agencies in issuing permits and licenses for construction activities.

Aleksey Kadadov

Prima Design, Ltd.

General Director

Vladivostok, Russia

Mr. Kadadov has been the General Director of Prima Design, Ltd. for two years, and worked as an engineer for five years in a local construction company before that. He is also the Director of a local office representing a confederation of construction companies in the city. His primary interests for his training revolve around materials and equipment that can be used in the construction of low-rise residential buildings, and advanced framing techniques that are currently used in the United States.

Anatoliy Karin

Magadanoblstroy

Director

Magadan, Russia

Magadanoblstroy is the arm of the Magadan Regional Administration that is responsible for executing all construction projects ordered by the government. Mr. Karin has over 30 years of experience in construction, and previously owned a private company. The Magadan Regional Administration has tasked him with finding out more about concepts, materials and equipment in the United States that will allow them to curb energy waste in their existing buildings and new projects. Specifically, he is interested in alternative energy sources, such as geothermal and small hydroelectric stations that will allow them to move away from heating oil and coal.



Igor Konyukhov
Daltransremstroy
Director
Khabarovsk, Russia

Daltransremstroy offers a variety of construction services, but specializes in HVAC construction and refitting. They are one of the few companies in the region that possess instrumentation to measure the efficiency of ducts and ventilation systems, and have a virtual monopoly on this market. Mr. Konyukhov is interested in this area, and also hopes to learn more about energy efficiency applications in other construction sub-sectors, so he can implement these activities in his company and expand his business.

Sergey Kuchin
Khabarovsk Energy Resource Efficiency Center
Executive Director
Khabarovsk, Russia

Mr. Kuchin's organization is involved in a number of activities. They install, maintain, and service meters that measure heat, electricity, and water, and perform audits to measure efficiency. If there are problems, they fix the equipment to bring it into accordance with local and regional standards for energy efficiency. The Center has also finished construction of a model energy efficient apartment complex, located in an environmentally sound area of the city, and which offers significant savings on utility payments. Mr. Kuchin would like to use his participation in SABIT to increase the amount of international cooperation his center is involved with, and to further implement new energy efficient technologies in his region.

Aleksey Kutuzov
Zima Services, Ltd.
Deputy Director of Production
Yuzhno-Sakhalinsk, Russia

Holding responsibility for the maintenance and reconditioning of a housing complex for the foreign employees of the Sakhalin-2 oil and gas project in Sakhalin, Mr. Kutuzov must monitor, maintain, and plan construction for a variety of facilities. These include the power supply station, water pump station, landscaping, and roughly 80 living units that house 500 people. He is most interested in learning about energy efficiency innovations in residential housing, applications in civil engineering, and electricity production and equipment.

Igor Li
Tiger Construction, Ltd.
Director
Nakhodka, Russia

Mr. Li founded his company in 2002, and now employs anywhere from 25 to 50 people, depending on the number of projects that are in process. His primary goal for his SABIT training is to further develop the use of energy efficient materials in his company. More specifically, he is interested in solar and geothermal systems for houses and low-rise apartment buildings, automated equipment, and integrated energy efficient systems. His company hopes to implement what he has learned in the United States into the design of a modern, efficient unit that will serve as a model for future construction.

Aleksandr Minayev
Primorskiy Energy Resource Efficiency Center
General Director
Vladivostok, Russia

Mr. Minayev has been the General Director of the Primorskiy Energy Resource Efficiency Center for two years, and is concurrently Chairman of the Power Engineering Department at the State Technical University in Vladivostok. His center conducts energy audits at state, private, and industrial enterprises, and has concluded that 40% of the energy produced in the region is lost to inefficient construction practices, materials, and equipment. His center was set up to mitigate and reduce this energy loss. His goals for the program are to take the knowledge received during his time in the United States, and 1) develop a better energy use law for the region, and 2) introduce a course on energy efficiency basics at his university.

Mikhail Miroshnichenko
RUS LLC
Chief Engineer
Khabarovsk, Russia

RUS LLC is the major contractor for the Khabarovsk regional administration, controlling all aspects of their projects from start to finish. They employ roughly 300 people, and subcontract some of their work out to other firms. In his opinion, the major problem in the region is the rising price of heat and electricity, which has led to a demand for energy efficient construction. However, due to a lack of information, this demand has gone unsatisfied. Mr. Miroshnichenko hopes the program will enable him to start implementing new concepts in this area.

Lyubov Popova
Kamchatka Regional Administration
Chairman, Committee on Construction
Petropavlovsk - Kamchatskiy, Russia

The Chairman for the Committee on Construction is responsible for the development and implementation of laws and orders pertaining to standards, construction practices, and construction materials. Ms. Popova would like to look at aspects of energy efficiency that are unique to her region, including harsh climactic and geographic considerations, and the possibility of developing existing geothermal energy sources in the Kamchatka region.

Nina Rublyevskaya
Primorskiy Regional Administration
Acting Head, Construction and Urban Planning Dept.
Vladivostok, Russia

Ms. Rublyevskaya coordinates all the construction activity awarded by the regional government, oversees the building materials industry, and reports on all construction activities in the region to the Russian Federal Agency of Housing and Communal Services (ROSSTROY). She also helps develop relevant legislation for her industry sectors. She is especially interested in energy efficient heating technologies. In addition, Ms. Rublyevskaya has also taught courses at the regional construction university for 22 years.

Vitaliy Rudnitskiy
Kamchatagropromstroy
General Director
Petropavlovsk - Kamchatskiy, Russia

Kamchatagropromstroy is one of the leading construction companies in Kamchatka, having completed a number of high profile projects, and winning an EBRD tender for additional construction on a geothermal power plant. Mr. Rudnitskiy is the majority owner of the company, and wants to learn more about the considerations involved in quality control and management of energy efficient construction. He would also like to receive information on seismic considerations and geotechnical issues in construction.

Antonina Salivon
TEPLON
Coordinator, International Projects
Vladivostok, Russia

TEPLON was established in 2002, and represents a number of U.S. companies in the Russian Far East. In collaboration with regional research institutes and universities, their mission is to

introduce energy efficient technologies for heating, water supply, and air conditioning systems. Ms. Salivon has a number of goals for her SABIT training, including obtaining a better understanding of energy certification and rating, local and state incentives for energy efficient technologies, and learning about the "whole building" design approach, taking into account regional design considerations.

Alla Shtym
Far Eastern State Technical University
Head, Dept. of Heating, Gas and Ventilation
Vladivostok, Russia

Not only does Ms. Shtym teach at the Far Eastern State Technical University, but she also serves as the leading energy efficiency specialist in the Center of Boiler Technologies Modernization and its subsidiary, Energoservice. The Center has completed a number of projects for hot water supply and heating systems. Her areas of focus for her SABIT training are boiler technologies, geothermal heat pumps, and solar and wind energy.

Anatoliy Takmakov
Amur State University
Director, Center of Building Technologies
Blagoveshchensk, Russia

The Center of Building Technologies has two main areas of research. The first group studies seismic protection of buildings, and the second works on construction materials. His area of interest lies in heat conservation, and the related topics pertaining to this, including insulation, and new types of materials that can be used in construction. He feels that information gained in this subject will enable him to better conduct energy audits and improve energy efficiency in construction.

Vitaliy Vyazgin
Blagoveshchensk Design Institute
Head, Architecture and Construction Dept.
Blagoveshchensk, Russia

Mr. Vyazgin's design institute has 25 architects, and provides technical inspections and certification in addition to design services. In his view, there simply is not enough information about energy efficiency in the Russian Far East to make informed decisions about materials and construction. Therefore, he hopes his training will provide him with the necessary information for his design teams to start incorporating the use of energy efficient materials in their work.