

Bilateral
WOOD-TECH-Workshop:
Decentralised bio energy systems and sustainable wood based bio-technologies in the forest rich region of Tomsk, Siberia



WoodTech

22 – 26 November, 2010
Tomsk, Russia

Venue: Tomsk Polytechnic University, 30, Lenin avenue, 634050 Tomsk, Russia

Organizers: The WOOD-TECH Consortium

Local Organizer:

Prof. Dr. Geniy V. Kuznetsov
Deputy director of the Energy Institute
Tomsk Polytechnic University (TPU),
Lenin avenue 30,
634034 Tomsk, Russia

Contacts:

Prof. Dr. Alfred A. Dulzon
Head of Mission at the TPU of
KIT
Tomsk Polytechnic University
(TPU),
Lenin avenue 30,
RU-634034 Tomsk, Russia

Dr. Ludger Eltrop
Head of Dept. "System analysis
and Renewable Energies" IER,
Stuttgart University
Heißbrühlstr. 49 a,
DE-70569 Stuttgart, Germany

Jörg Scherer
Managing Director
Eurice Ltd.
Stuhlsatzenhausweg 69
DE-66123 Saarbrücken
Germany

Russian Coordinator
Phone: +7 3822 304 062
Fax: +7 3822 564 629
Email: vizepres@tpu.ru

WOOD-TECH Coordinator
Phone: +49 711 685 878 16
Fax: +49 711 685 878 83
Email: le@ier.uni-stuttgart.de

WOOD-TECH Co-Coordinator
Phone: +49 681 9592 33 60
Fax.: +49 681 9592 33 70
Email: j.scherer@eurice.eu

Agenda

WOOD-TECH-Workshop

22 – 26.11.2010

Tomsk Polytechnic University, Tomsk, Russian Federation

Monday, 22.11.2010
(main bldg., Lenin av. 30)

Opening

07:00	Arrival of the workshop participants	All (Transfer for the German guests will be provided by TPU)
15:00 – 15:30	<i>Workshop registration 234 room, main building</i>	T.A.Nagornova / A.Y.Novodon, TPU
15:30 – 17:00	Opening ceremony	Prof. Dr. V.A. Vlasov / Prof. Dr. A.A.Dulzon, TPU
17:00 – 18:00	Presentation of the German WOOD-TECH-Team	Instructor: Dr. Ludger Eltrop
18:00 – 21:00	Joint dinner : <i>Restaurant «Krüger»</i>	

Tuesday, 23.11.2010
(bldg. 8, Usova st. 7)

Research scope: Bilateral presentations

09:00 – 09:20	Welcome and Opening	Prof. Dr.G.V. Kuznetsov, TPU
09:20 – 09:45	Future ecological technologies based on the production of the improved biogas	A.S. Miagkov, Institute of Climate Monitoring
09:45 – 10:10	Potentials and innovative technology options for the sustainable use of biomass and wood resources	Dr. Ludger Eltrop, IER Universität Stuttgart
10:10 – 10:35	Improvement of the birch wood consumer properties	F.G. Sekisov TPU

10:35 – 10:55	Integrated approaches for biomass utilization	Dr. Elena Angelova, DBFZ – Research Institute for Biomass and Bioenergy
10:55 – 11:25	Coffee break	
11:25 – 11:50	The possibility of using peat of Tomsk region in the energy sector	R.N.Tabakaev, TPU
11:50 – 12:15	Sustainable land use through financially driven optimization approaches under uncertainty	Andreas Hahn, Institute of Forest Management Technische Universität München
12:15 – 12:40	Influence of the thermal exposure conditions on the composition of the wood biomass pyrolysis products	Prof.G.V. Kuznetsov / M. Polisonkram, TPU
12:40 – 13:05	Research and Development projects in biotechnology	Dr. Andrea Spangenberg, BayFor, Bavarian Research Alliance
13:05 – 14:15	Lunch break café «Jam»	
14:15 – 14:40	Technology of combustible gases and wood braces production	A.V. Kazakov, TPU
14:40 – 15:05	Material use of wood - products, competition and macroeconomic effects	Stephan Piotrowski, nova – Institut GmbH
15:05 – 15:30	Legal framework for the utilization of forest resources	I.B. Kalinin, TPU
15:30 – 15:55	Advantages of material cascade chains in the wood processing industry	Stefan Diederichs, vTI – Johann Heinrich von Thünen-Institut
15:55 – 16:25	Coffee break	
16:25 – 16:50	Modern of wood drying technologies being developed in the TPU	M.V. Alekseev Prof. G.V. Kuznetsov, TPU
16:50 – 17:15	Implementation of bio-energy projects- a holistic challenge	Bernhard Wern,
17:15 – 17:40	Assessment of forest bio-fuel resources and their rational utilization within the Russian Federation and for export purposes	Prof. A.B. Levin , Moscow State Forest University
17:40 – 18:05	Life Cycle Assessment of Bio-energy Systems	Maria Ewa Stenull, IER Universität Stuttgart
~18.15	Free time	

Wednesday, 24.11.2010
(bldg. 8, Usova st. 7)

Bilateral cooperation: discussions, match-making und project planning

09:00 – 09:25	Rational application of wood and other vegetable products wastes in the energy industry and for the production of new generation materials	Y.S. Sarkisov, TSUAB
09:25 – 09:50	Sustainable Energy from Wood – an Example for the fields of Activity of CARMEN	Reinhold Erlbeck, CARMEN
09:50 – 10:15	Highly efficient cellulases as a key factor for lignocellulosic biomass conversion into bio-fuel and bio-refinery	Prof. A.P. Sinitsin Moscow State University, Laboratory of enzymes Biotechnology, RAN A.N. Bach Bio-chemistry Institute
10:15 – 10:40	WOOD-TECH: Bavarian project partners	Dr. Andrea Spangenberg, BayFor, Bavarian Research Alliance
10:40 – 11:10	Coffee break	
11:10 – 12:40	Match-making workshop I: Initial project planning	Moderation: Jörg Scherer / Lesya Matiyuk, Eurice GmbH / Prof. Dr. A.Dulzon, TPU
12:40 – 13:05	Financing-overview: EU programmes	Jörg Scherer, Eurice GmbH
13:05 – 14:15	Lunch break café «Jam»	
14:15 – 15:15	Match-making workshop II: Advanced project planning	Moderation: Jörg Scherer / Lesya Matiyuk, Eurice GmbH / Prof. Dr. A. Dulzon, TPU
15:15 – 15:55	Roadmap draft development	Moderation: Dr. Ludger Eltrop, IER Universität Stuttgart
15:55 – 16:20	Coffee break	
16:20 – 16:50	Finalisation: Forum presentation and discussion of the workshop results	Chair: Dr. Ludger Eltrop, IER Universität Stuttgart

17:00 – 19:00	Russian-German evening in the auditorium maximum of the main building	Prof. Dr. Alfred Dulzon, TPU
~19:30	<i>Joint dinner</i> (Congress Center of TPU)	

Thursday, 25.11.2010:

Tours and visits

10:00-12:00	Sightseeing in Tomsk	T.A.Nagornova / A.Y.Novodon, TPU
12:30– 14:00	<i>Lunch break café «Jam»</i>	
14:15 – 17:00	Visits of the research and educational institutes, TPU	F.G. Sekisov / G.V. Kuznetsov, TPU
~17:00	Free time	

Friday, 26.11.2010:

Departure