«TIWaSiC» - Advanced Training in Integrated Sustainable Waste Management for Siberian Companies and Authorities



Programme of the field trips for employees of universities, authorities and companies from different Russian regions (Irkutsk, Ulan-Ude, Chita, Vladivostok) from 07.12. to 10.12.2015

and 3d Coordination Meetings on 11.12.2015

within the Tempus Project 543962-TEMPUS-1-2013-1-DE-TEMPUS-JPHES"

"Advanced Training in Integrated Sustainable Waste Management for Siberian Companies and Authorities" «TIWaSiC»



Technische Universität Dresden (TUD), Dresden

Participants:

European Union

Germany:

Technische Universität Dresden (TUD):

- 1. <u>Christoph Wünsch,</u> Dr.-Ing., Institute of Waste Management and Circular Economy **Head of the** *Project "TIWaSiC"*
- 2. Anne Kadolph, Financial Manager "TIWaSiC", European Project Center (EPC)
- 3. <u>Olga Chernova</u>, Dipl.-Ing., Research Associate, Institute of Waste Management and Circular Economy

Austria:

University of Natural Resources and Life Sciences, Vienna (BOKU):

1. Roland Ramusch, Dipl.-Ing., Research associate, Institute of Waste Management

Denmark:

Technical University of Denmark (DTU):

1. <u>Thomas Højlund Christensen,</u> *Prof. Dr., Head of Department, Department of Environmental Engineering*

Deutschland/Russland:

EURORUSS e.V.

- **1.** <u>Alexey Cherkashin,</u> Chairman of EURORUSS e.V., member of the Supreme Environment Council of the State Duma committee on natural resources and environmental protection
- 2. <u>Jochen Ebbing</u>, Board member of EURORUSS e.V., Scientific Officer, Institute for Waste Disposal and Environmental Technologies (IFEU)

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Russia

Irkutsk National Research Technical University (INRTU):

- 1. Elena Zelinskaia, Prof., Dr.-Ing. habil., Leader of master course programme "Waste Management"
- Olga Ulanova, Dr.-Ing., Chair of Raw Materials Processing und Environmental Engineering, Deputy Director of Centre "Baikal Waste Management" Center, Board member EURORUSS e.V. – Russian Project Coordinator
- 3. <u>Vlada Starostina</u>, Dr.-Ing., Chair of Raw Materials Processing und Environmental Engineering
- **4.** <u>Natalia Tolmacheva,</u> Research associate, Chair for Raw Material Preparation and Environmental Protection
- **5. Nina Nemchinova,** *Prof.*, *Dr.-Ing. habil.*, *Head of Chair of Metallurgy*
- **6.** <u>Elvira Vasilevich</u>, *Dr.-Ing. habil., assistant professor of engineering communications and life support systems*

Transbaikal State University, Chita (TSU):

1. Aiagma Dorzhieva, Chair for Processing Raw Materials and secondary Raw Materials

Far Eastern Federal University, Vladivostok (FEFU):

- **1.** <u>Valerii Petukhov</u>, Prof. Dr.-Ing. habil., Deputy Director of Development of School of Engineering, Head of the Department of Safety in Emergency Situations and Environment Protection
- 2. <u>Aleksei Kholodov</u>, Deputy Head of the Department of Development of School of Engineering
- 3. Jana Blinovskaia, Head of the Department of Environmental Protection
- **4.** <u>Andrei Taskin,</u> Department of Safety in Emergency Situations and Environment Protection

East Siberia State University of Technology and Management, Ulan-Ude (ESSUTM):

- 1. Nataliia Alberg, Dr. rer. nat., Chair of Environment and Life Safety
- 2. Svetlana Sanzhieva, Prof., Dr. rer. nat. habil., Chair of Environment and Life Safety
- **3.** Oleg Imetkhenov, Dr. rer nat., Chair of Environment and Life Safety

Administration Irkutsk, Department for environmental protection and environmental security (AI):

- 1. Natalia Stupina, Head of the Department of Environmental Protection and Safety
- 2. Marina Shevela, Expert, Department for environmental protection and security

National Union of Enterprises concerned with Waste Management (NUEWM)

1. Konstantin Karichev, First Deputy Chairman of the Board

Regional Union of Waste Recycling Enterprises of Kaliningrad Oblast (SRO RURU)

- 1. Svyatoslav Lavrenenko, Director
- 2. Olesya Lavrenenko, coordinator

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Representatives of Russian SMEs and industry,:

- 1. Sergei Sporyshev, "Resinopol+", Irkutsk, Director, tire recycling
- 2. Igor Alexeev, "SibEkoTrans", Irkutsk, Director, Paper Collection, Disposal, Transport
- 3. <u>Aleksandr Mann.</u> "Mitujigin", Irkutsk, Deputy Director, collection and recycling of hazardous waste (waste oil, mercury lamps, WEEE)
- **4.** <u>Denis Volkov</u>, "Siberian standard", Deputy Director, integrated planning, laboratory research, and environmental consulting
- **5.** <u>Ekaterina Balsunaeva</u>, "Kvartet Plus", Ulan-Ude, Environmental Engineer, collection and recycling of secondary resources (paper, plastic, metal, glass), as well as special waste (Mineral oil, Hg-containing wastes)
- 6. Svetlana Petrova, "Tonkonogov", Ulan-Ude, Environmental expert, Timber industry
- 7. Irina Lisitskaia, "Ecoanalytica", Vladivostok, Direktor
- 8. <u>Dmitrii Mikhaidarov</u>, "Russian Polymer Company", Vladivostok, technical Director
- 9. Alexander Chernov, Surface Mining "Vostochniy, Director
- 10. Kseniia Budina, "Vostokgeologie", Environmental expert





Field trips from 07.12. to 10.12.2015

Time	Sunday, 06.12.2015	Monday, 07.12.2015	Tuesday, 08.12.2015	Wednesday, 09.12.2015	Thursday, 10.12.2015	Friday, 11.12.2015
07:00 - 08:00 08:00 -			7:00 Departure from the hotel "Motel One"	7:30 Departure from the hotel		
09:00		8:30 Departure from the	00.00 40.00	"Motel One" 09:00-12:00	8:00 Departure from the hotel "Motel One"	
10:00		hotel "Motel One" 10:00-12:30	09:00-12:00 Surface Mining Jänschwalde, Besucherzentrum	Mechanical-biological plants and landfill in Cröbern by	9:30-12:00 Incineration plant T.A. Lauta,	8:30-18:00 Coordination
11:00 11:00 - 12:00		Papper mill Kriebstein AG, Bauhofstraße 1, 09648	Tagesanlagen Jänschwalde, 03185 Heinersbrück	Leipzig, Am Westufer 3 04463 Großpösna / OT Störmthal	Industrie- u. Gewerbegebiet Lauta, Straße B Nr. 5 02991 Lauta	meeting for project partners <i>TU Dresden</i> ,
12:00 - 13:00		Kriebstein, OT Kriebethal 12:30-13:30 Lunch in the	12:00-13:00 Lunch in the	Drive to the UBA to Dessau	Return to Dresden	Nöthnitzer Str. 46,
13:00 - 14:00	13:20 Arrival of most	canteen Kriebstein AG Drive to Brandt-Erbisdorf	canteen Jänschwalde	13:00-14:00 Lunch in the canteen of the UBA	13:00-14:00 Lunch in Dresden	INF, 1004
14:00 - 15:00	Russian participants Transfer from airport				14:00-16:00 Résumé for excursions and first	In parallel: Departure of
15:00 - 16:00	to hotel Arrival at the hotel	14:00-16.30 LAREC Lampenrecycling Erzstraße 18 09618 Brand-Erbisdorf	13:30-17:00 Power Plant Jänschwalde	14:00-17:00 Workshop in the Federal Environmental Agency (UBA), Wörlitzer Platz 1, 06844 Dessau-Roßlau	reimbursements (participants leaving on the 11 th) TU Dresden, Würzburger Str. 35, VerWi 001	excursions participants
16:00 - 17:00					16:00-18:00 City tour	
17:00 - 18:00	Time to rest	Return to the Hotel in Dresden	Return to the Hotel in Dresden	Return to the Hotel in Dresden	10.00-10.00 Oity tour	
18:00 - 19:00		<u>18:45</u>			Return to the Hotel in Dresden	
From 19:00 -	19:00 Dinner Wenzel Prager Bierstuben, Königstraße 1, 01097 Dresden	Collection of travel documents (Motel One) 19:00 Dinner Pastamanufaktur, An der Dreikönigskirche 3 01097 Dresden	Christmas market in Dresden	Christmas market in Dresden	19:00 Closing Dinner Dampfschiff, Hilton Dresden An der Frauenkirche 5 01067 Dresden Invitation from hosts	

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PROGRAM of Third Coordination Meeting On 11th of December 2015

Languages of the coordination meeting: Russian, German (consecutive translation) Location: Technische Universität Dresden, Nöthnitzer Str. 46, Room 1004.

Time	Program			
D 44				
Part 1 08.30-09.30 20 min	Coordination Meeting 1. Results of external monitoring and intermediate report by EACEA, Change of project partners, Welcome of new partner "Regional Union of Waste Recycling Enterprises of Kaliningrad Oblast" (SRO RURU) Christoph Wünsch, TUD – Head of the Project			
20 min	2. Results of the WP 5 "Development of services ": Advanced training courses for employees of Russian universities INRTU, ESSUTM, TSU and FEFU at the European Universities TUD, DTU, BOKU, TUC Olga Ulanova, INRTU-Russian Project Coordinator			
20 min	 3. Results of the 1st test training courses at the FEFU, Vladivostok from 14th to 16th of September 2015, - Evaluation of questionnaires/feedback from course participants (about 80 per.); - Advantages and disadvantages of distance education (e-education); - Recommendation and proposed amendments for the content of course materials and 2nd test training course. Olga Ulanova, INRTU-Russian Project Coordinator 			
Part 2 09.30-11.30	Workshop E-learning Jana Riedel, M.A.— Medienzentrum (MZ) of TUD / Department of Digital Teaching and Learning			
11.30 -12.30	Lunch break, Canteen of TUD			
Part 3 12.30-15.40 40 min	 Coordination Meeting 4. Preparation for the 2nd test training course in Irkutsk: Date for the 2nd test training course from 4th to 8th of April 2015 and carrying out of the Workshop of WP8 from 11th to 12th April 2015, Distribution of lecture topics between all partners, Arrival of speakers Elena Zelinaskaia, INRTU Olga Ulanova, INRTU-Russian Project Coordinator Christoph Wünsch, TUD – Head of the Project 			
30 min	 5. Preparation for the Workshop "Businessplan for training course and Environmental friendly companies in the model region": Presentation of the positive experience of SRO RURU during workshop; Ideas from Unions how the workshop should be carried out; Development of forum for environmental friendly companies at website. Valerii Petukhov, FEFU Svyatoslav Lavrenenko, SRO RURU Olga Ulanova, INRTU-Russian Project Coordinator 			

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40 :					
40 min	Development of contents of teaching modules (5 books in Russian and 1 book in English)				
	- Status quo of the development of contents				
	- Structure of the books				
	- Extent of books				
	- Time expenditure				
	- Due to this, the deadline define				
	Christoph Wünsch, TUD – Head of the Project				
	Olga Ulanova, INRTU-Russian Project Coordinator				
	Elena Zelinaskaia, INRTU				
30 min	7. Evaluation of the course materials				
	- Internal expert review of the summary of courses				
	Thomas Højlund Christensen, DTU				
	- External review of 5 books – Expert from Hannover				
	Elena Zelinaskaia, INRTU				
30 min	8. Round table at State Duma for the dissemination of project results				
	- Date of event - May-June 2016,				
	Alexey Cherkashin, EURORUSS e.V.				
	Konstantin Karichev, NUEWM				
	Svyatoslav Lavrenenko, SRO RURU				
	Olga Ulanova, INRTU-Russian Project Coordinator				
	Christoph Wünsch, TUD – Head of the Project				
20 min	9. Discussion of task for the last third year of project				
	Christoph Wünsch, TUD – Head of the Project				
	Olga Ulanova, INRTU–Russian Project Coordinator				
15.40 -16.00	Coffee break				
Part 3	Administrative and financial management in "TIWaSiC"				
16.00-18.00	Anne Kadolph, TUD - European Project Center (EPC)				
	Discussion:				
	- Equipment purchase				
	- Other urgent matters				
18.00-18.15	Closing words				
	Free time in the evening				

11 to 13 of December 2015

Departure of participants (by yourself)