

Organisational Day – Sunday, 6th September 2015

16:30 Organisational meeting with NMU staff

Prof. Dr. Michael Schmidt, BTU Cottbus-Senftenberg

Prof. Dr. Vasily Shvets, NMU Dnepropetrovsk, Director of Institute of Economics

Prof. Dr. Michael Rogoza, NMU Dnepropetrovsk, Head of the International Office

18:30 Final inspection of seminar rooms and presentation equipment

19:30 End of the organisational day

Day 1 – Monday, 7th September 2015

9:30 Welcome address

Prof. Dr. Vasily Shvets, NMU Dnepropetrovsk, Director of Institute of Economics

9:45 Cooperation between NMU and BTU in research and education

Prof. Dr. Michael Rogoza, Head of the International Office, NMU

10:00 Greening University Curriculum: Introduction into Summer School objectives and programme

Prof. Dr. Michael Schmidt, BTU Cottbus-Senftenberg

10:30 Coffee Break

11:00 Introduction of the Summer School participants

Thematic Session 1: Syndromes of Global Change

11:30 Key Lecture 1: Syndromes of Global Change as Drivers for Sustainable Development

Prof. Dr. Michael Schmidt, BTU Cottbus-Senftenberg

12:30 Key Lecture 2: Urban Sprawl Syndrome and Environmental Issues related to the Urbanisation Processes

M.Sc. Nigel Downes, BTU Cottbus-Senftenberg

13:30 Lunch Break

14:30 Key Lecture 3: Aral Sea Syndrome and Environmental Impacts of Large Scale Projects

Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg

15:30 Introduction to seminar and group work

16:30 End of the day

Day 2 – Tuesday, 8th September 2015

Thematic Session 2: Introduction to Sustainable Development

9:00 Key Lecture 4: Introduction to the Concept and History of Sustainable Development

Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg

9:45 Key Lecture 5: Indicators, Goals and Targets for Sustainable Development

Prof. Dr. Michael Schmidt, BTU Cottbus-Senftenberg

10:45 Coffee Break

11:15 Key Lecture 6: Sustainability in the Urban Development and Planning Context

M.Sc. Nigel Downes, BTU Cottbus-Senftenberg

12:00 Seminar and group work on sustainable development

14:00 Lunch Break

15:00 Presentation of group work results and discussion

Moderation: Prof. Dr. Michael Schmidt, BTU Cottbus-Senftenberg

16:00 Coffee Break

16:00 Round Table: Perspectives of the Green Curriculum Approach for Ukrainian Higher Education

18:00 End of the day

Day 3 – Wednesday, 9th September 2015

Thematic Session 3: Global Climate Change

9:00 Key Lecture 7: Global Climate Change and its Impacts

Prof. Dr. Michael Schmidt, BTU Cottbus-Senftenberg

10:00 Key Lecture 8: Response to Climate Change – Mitigation

Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg

10:45 Coffee Break

11:15 Key Lecture 9: Response to Climate Change – Adaptation

M.Sc. Nigel Downes, BTU Cottbus-Senftenberg

12:00 Guest Lecture 1: Energy Sector of Ukraine – Contemporary Challenges and Strategy

Prof. Dr. Vasily Shvets, NMU Dnepropetrovsk

12:45 Guest Lecture 2: Issues of Responsible Production in the Energy Sector

Associate Prof. Dr. Ludmila Palekhova, NMU Dnepropetrovsk

13:30 Lunch Break

14:30 Seminar and group work on global climate change

16:30 Coffee Break

17:00 Presentation of group work results and discussion

Moderation: M.Sc. Nigel Downes, BTU Cottbus-Senftenberg

18:00 End of the day

Day 4 – Thursday, 10th September 2015

9:00 Key Lecture 10: Climate Change and Desertification

Prof. Dr. Michael Schmidt, BTU Cottbus-Senftenberg

10:00 Key Lecture 11: Adaptation to Climate Change in Urban Planning

M.Sc. Nigel Downes, BTU Cottbus-Senftenberg

11:00 Coffee Break

11:30 Key Lecture 12: Response to Climate Change in Ukrainian Context

Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg

12:00 Guest Lecture 3: Response to Climate Change in the Construction Sector

Dr. Marina Babenko, Prydniprovsk State Academy of Civil Engineering and Architecture

13:00 Coffee Break

14:00 Meeting at the meeting point

Excursion to the Construction Materials Exhibition and Museum of the Prydniprovsk State Academy of Civil Engineering and Architecture

18:00 End of the day

Day 5 – Friday, 11th September 2015

Thematic Session 4: Environmental Assessment

9:00 Key Lecture 13: Introduction to Environmental Impact Assessment (EIA) of Projects

Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg

10:00 Key Lecture 14: Methods for Prediction of Impacts in EIA

M.Sc. Nigel Downes, BTU Cottbus-Senftenberg

11:00 Coffee Break

11:30 Key Lecture 15: EIA System in Ukraine

Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg

12:15 Guest Lecture 4: Environmental Impacts of the Metallurgical Sector in Ukraine

Prof. Dr. Vladimir Shatokha, National Metallurgical Academy of Ukraine (NMetAU)

13:15 Guest Lecture 5: Role of the Higher Education in Promotion of Policies for Sustainable Development

Prof. Dr. Vasily Shvets, NMU Dnepropetrovsk

14:00 End of the day

Day 6 – Monday, 14th September 2015

9:00 Key Lecture 16: Public Participation in Environmental Assessment

Prof. Dr. Eike Albrecht, BTU Cottbus-Senftenberg

10:00 Key Lecture 17: Environmental Assessment as Tool for Protection of Water Resources

Prof. Dr. Hans-Jürgen Voigt, BTU Cottbus-Senftenberg

11:00 Coffee Break

11:30 Key Lecture 18: Data Needs and Scale in Environmental Assessment

Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg

- 12:30** Lunch Break
- 14:00** Role playing game: Gone with the Wind – An Impact Assessment Strategy Game
Moderation: Prof. Dr. Eike Albrecht, BTU Cottbus-Senftenberg
- 16:30** End of the day

Day 7 – Tuesday, 15th September 2015

Thematic Session 5: Policies for Sustainable Development

- 9:00** Key Lecture 19: Sustainable Development in European Agenda
Prof. Dr. Eike Albrecht, BTU Cottbus-Senftenberg
- 10:00** Key Lecture 20: European Policy on Protection of Water Resources
Prof. Dr. Hans-Jürgen Voigt, BTU Cottbus-Senftenberg
- 11:00** Coffee Break
- 11:30** Guest Lecture 6: Sustainability Initiatives in the Construction Sector of Ukraine
Prof. Dr. Mykola Savytskyi, Prydniprovsk State Academy of Civil Engineering and Architecture
- 12:45** Lunch Break
- 14:00** Seminar and group work on international sustainability policies
- 16:00** Coffee Break
- 16:30** Presentation of group work results and discussion
Moderation: Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg
- 17:30** End of the day
- 18:00** Cultural event at the German-Ukrainian Cultural Centre, NMU

Day 8 – Wednesday, 16th September 2015

- 9:00** Key Lecture 21: Strategic Environmental Assessment of Policies, Plans and Programmes
Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg
- 10:00** Key Lecture 22: Protection and Monitoring of Groundwater in Germany
Prof. Dr. Hans-Jürgen Voigt, BTU Cottbus-Senftenberg
- 11:00** Coffee Break
- 11:30** Key Lecture 23: Climate Change in International Environmental Law and Policy
Prof. Dr. Eike Albrecht, BTU Cottbus-Senftenberg
- 12:30** Lunch Break
- 14:00** Seminar and group work on Strategic Environmental Assessment
- 16:00** Coffee Break
- 16:30** Presentation of group work results and discussion
Moderation: Prof. Dr. Eike Albrecht, BTU Cottbus-Senftenberg
- 18:00** End of the day

Day 9 – Thursday, 17th September 2015

Thematic Session 6: Voluntary Sustainability Standards – VSS

- 9:00** Key Lecture 24: Introduction to the Concept of VSS
Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg
- 10:00** Key Lecture 25: Voluntary Standards Vs. Legal Standards
Prof. Dr. Eike Albrecht, BTU Cottbus-Senftenberg
- 11:00** Coffee Break
- 11:30** Guest Lecture 7: Standards of Social Responsibility and Accountability
Associate Prof. Dr. Ludmila Palekhova, NMU Dnepropetrovsk
- 12:30** Lunch Break
- 14:00** Seminar and group work on VSS
- 16:00** Guest Lecture 8: Implementation of European Experience into Regional Planning in Ukraine
Mr. Hansjoerg Dietsche, Dnepropetrovsk Office of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- 16:45** Coffee Break
- 17:00** Presentation of group work results and discussion
Moderation: Prof. Dr. Hans-Jürgen Voigt, BTU CS
- 18:00** End of the day

Day 10 – Friday, 18th September 2015

- 9:00** Introduction to ECO-Campus E-Learning Platform
Dr. Dmitry Palekhov, BTU Cottbus-Senftenberg
- 9:30** Results and Conclusions
- 10:00** Certificates awarding
Prof. Dr. Michael Rogoza, Head of the International Division, NMU
Prof. Dr. Eike Albrecht, BTU Cottbus-Senftenberg
Prof. Dr. Hans-Jürgen Voigt, BTU Cottbus-Senftenberg
- 10:30** Coffee Break
- 11:30** Meeting at the meeting point
Excursion to the Interpipe Steel Mill
- 17:00** End of the Summer School

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Brandenburg
University of Technology
Cottbus - Senftenberg



Brandenburg University of Technology Cottbus-Senftenberg and
National Mining University

with Support of DAAD

International Summer School for Young Scientists “Greening the Curriculum – Integration of Sustainability Aspects into University Education”

7th - 18th September 2015

National Mining University
Dnepropetrovsk
Ukraine