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Trans-Regional Environmental Awareness for Sustainable Usage of Water Resources (TREASURE-WATER)

Project Erasmus+ № 561775-EPP-1-2015-1-DE-EPPKA2-CBHE-JP

Институциональное партнерство в целях
устойчивости трансграничного водопользования:
Россия и Казахстан»

Dr.Galina V. Telegina

TREASURE-WATER

Project Erasmus+ № 561775-EPP-1-2015-1-DE-EPPKA2-CBHE-JP

Duration: 3 years

Project finance: 996 522 Euro

Coordinators:

From the EU:

Prof. Dr. Ralf Reski, Albert-Ludwigs University of Freiburg (Germany)

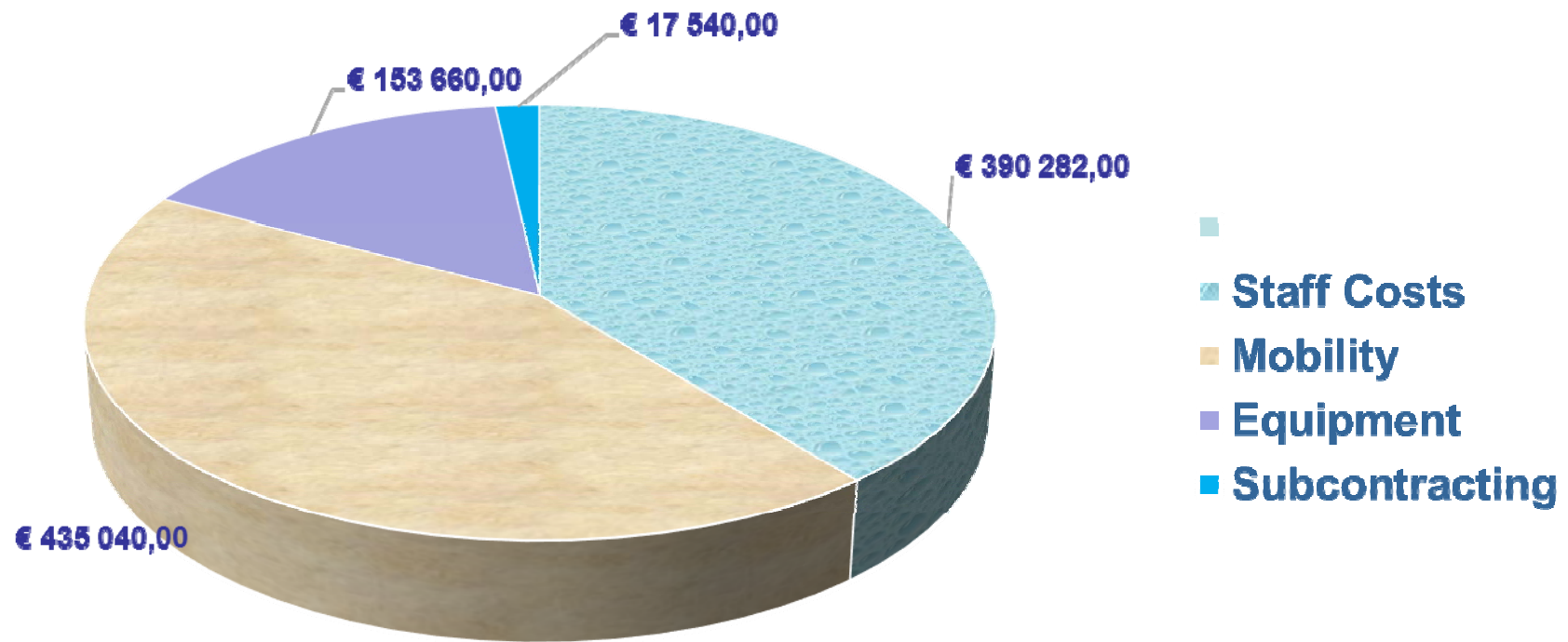
Prof. Dr. Dr.hc., Edgar Wagner, Albert-Ludwigs University of Freiburg (Germany)

From PC:

Prof. Dr. Dr.hc., G. V. Telegina, Tyumen State University



Project Budget



The Goal of the Project

to contribute to **capacity building** of institutions of HE in Russia and Kazakhstan by strengthening educational **partnership between universities and enterprises** in the area of **management of transboundary water resources**, building on regionally-specific national and EU standards



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The EU Partners

- **Albert Ludwigs University Freiburg** (Germany) (the project coordinator and the EU subcontractor)
- **Aristotle University of Thessaloniki** (Greece)
- **University of Athens** (Greece)
- **Radboud University**, Nijmegen (The Netherlands)
- **University of Wolverhampton** (UK)
- **Bodensee Wasserversorgung**, Stuttgart (Germany)



The PC Partners

Russia:

- **Tyumen State University**, Tyumen (Russia) (non-EU partner coordinator)
- **Altai State University**, Barnaul (Russia)
- **Tomsk State University**, Tomsk (Russia)
- **Yugra State University**, Khanty-Mansiisk (Russia)
- **East-Kazakhstan State University**, Ust-Kamenogorsk (Kazakhstan)
- **Eurasian National University**, Astana (Kazakhstan)
- Tyumen Municipal Company **Vodokanal LLC**, Tyumen (Russia)
- **Institute for Water and Ecology Problems**, Barnaul (Russia)



Associated Partners

- Tyumen Region Government Department for the Use of Natural Resources and Ecology (DNRUE), Tyumen, RF
- Tyumen Region Government Department for Education and Science (DESLC)
- EcoGeoService, Tyumen, RF
- Directorate of the Federal Supervisory Natural Resources Management Service (ROSPRIODNADZOR), Altai Region, RF
- Directorate of Natural Resources and Environment for the Altai Region, RF
- The Joint Stock Ob-Irtysh Navigation Company, Tyumen, RF

Specific Objectives

- To develop a trans-institutional model for interaction between HEIs and enterprises in the field of TWRM;
- To enhance teaching capacities of the PC HEIs via teacher training, new courses and modern equipment;
- To empower enterprises in the Water Sector in the PCs by developing support tools and staff training;
- To raise awareness of water problems;
- To create potential for internationalization

Work Packages (1)

WP.1 Preparatory measures for the start-up of the project: **ALU, TyuSU**

1.1 Legal framework of the consortium

1.2.The kick-off of the project

1.3.Formation of the Interdisciplinary Working Groups (IWG)

WP.2 Design of methodology for TWRM and IALP: ALU, TSU

2.1. A knowledge pool for TWRM created

2.2.Methodology for TWRM developed

2.3.Strategy for interaction with industry designed

WP.3 Industry-Academia Teaching Task Force' (IATTF) created: RUN, IWEF, ASU

3.1.Academic staff from the PC universities and industry trained

3.2.Teaching environment at PC institutions modernised

Work Packages (2)

WP 4. The curricula and courses in TWRM for training of industry partners designed: RUN, TyuSU

- 4.1. The syllabi and course plans agreed and confirmed
- 4.2. ECTS based courses developed/ modernized
- 4.3. A digital library of course materials created

WP 5. An e-learning interactive capacity developed: UoW, EKSU

- 5.1. The e-learning platform designed and installed
- 5.2. User manuals prepared
- 5.3. The academic content developed

WP 6. Implementation of the training courses on TWRM: UA, YuSU, TyuSU

- 6.1. Training courses for industry partners in operation
- 6.2. The TWRM modules integrated into post-graduate curricula at PC

Work Packages (3)

WP 7. Efficient **Quality control** and monitoring of the project: **ASU, ALU**

WP 8. Project results **dissemination**: **AUTH, ENU**

WP 9. Efficient **Management** of the project: **ALU, TyuSU**





Majour Impacts

- a dynamic model of cooperation between universities and other social actors in the field of TWRM developed and probated
- 4 data bases on TWRM produced
- 4 catalogues of the purchased books and software designed;
- the e-learning labs and resource centres equipped at all partner universities
- 155 staff trained;
- 24 new courses with supporting teaching materials based on the ECTS introduced in professional training of specialists
- equipped
- graduate and post-graduate programmes enriched with WTRM modules
- 12 new curricula for professional re-training
- the e-learning platform set up for LLL
- 12 modules adapted for distance learning;
- 6 user guides developed
- and the data bases updated 4 times a year
- 12 partnership agreements signed
- 10 cooperation agreements signed



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Thank you for your attention!

Dr.Galina V. Telegina

