

NEWSLETTER

Issue # 2 / April 2018 – September 2018 /

IN THIS ISSUE

-  ESSENCE project presented to the ambassadors of 18 EU countries
-  News smart energy courses are now defined
-  RU and VN staff learned EU educational policies
-  Ad hoc partner meeting at P4/TPU
-  ESSENCE project presented at the international conference at P7/KSPEU
-  Syllabi of smart energy courses will be soon available online
-  Upcoming events

ESSENCE project presented to the ambassadors of 18 EU countries

The presentation took place at the roundtable devoted to the role of universities in the national economy held in Tomsk 8th October. At the roundtable Tomsk Oblast Governor Sergey Zhvachkin and representatives of Tomsk universities presented European ambassadors their experience and best practices in international scientific cooperation. The meeting was part of a large-scale visit to the Tomsk Oblast by the EU delegation headed by Markus Ederer, Ambassador of the European Union to the Russian Federation.

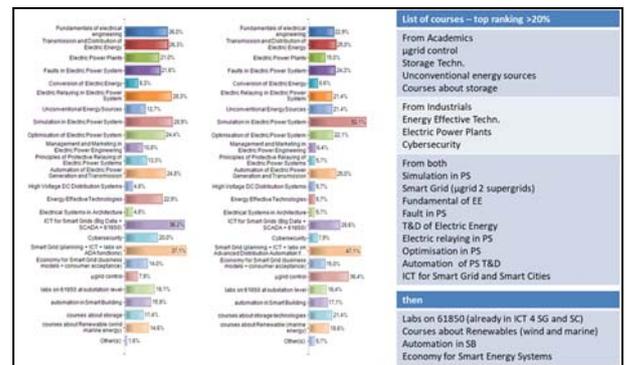
Totally, the representatives of 18 EU embassies visited the region and the meeting. The project *ESSENCE* was introduced among other examples of successful cooperation between Russia and EU.



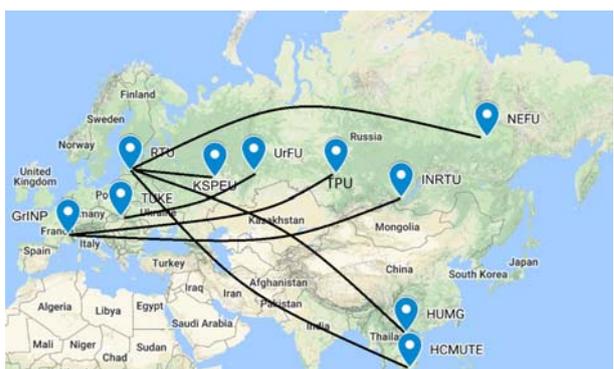
New smart energy courses are now defined

In April 4-6, 2018 Grenoble Institute of Technology (P2) hosted ESSENCE project workshop on selection and assignment of courses and the partner meeting. The meeting has become one of the key events of the project when through vivid and fruitful discussion partners outlined program learning outcomes and those 10 courses which form the core curriculum of the master program. Then, they distributed courses for development, peer-review and supervision based on partners' expertise and free will. The main workshop output has become the list of selected and assigned courses. The meeting agenda also included the partner

coordination meeting where project coordinator and work package leaders gave detailed update on project implementation including first results, upcoming events and deadlines, changes and challenges.



RU and VN staff learned EU educational policies



In April-May 2018 representatives of Russian and Vietnamese consortium members took part in seminars organized by EU partners: P4/TPU and P5/INRTU staff visited P2/Grenoble INP, P6/UrFU representatives stayed at P3/TUKE while colleagues from

P7/KSPEU, P8/NEFU, P9/HCMUTE, and P10/HUMG visited P1/RTU. The main goal of the events was to enhance the expertise of participating staff in the area of curriculum development through lectures, presentation, discussions, and trainings as well as to improve their professional knowledge and skills via visits to laboratories, libraries, classes, and study of methodological documentations. The main outcome of the seminars has become the 2nd draft of syllabi developed by academic staff of Russian and Vietnamese partners under the supervision of EU experts.

This project has been funded with support from the European Commission. This publication / communication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein

Ad hoc partner meeting at P4/TPU

In September 12-14, 2018 Tomsk Polytechnic University (P4) has hosted the ad hoc ESSENCE partner meeting on syllabi and teaching material development. The goal of the meeting was to discuss the project progress, highlight risks/issues and devise ways to overcome them. Participants from nine partners P1/RTU, P3/TUKE, P4/TPU, P5/INRTU, P6/ UrFU, P7/ KSPEU, P8/NEFU, P9/HCMUTE and P10/ HUMG actively collaborated to finalize syllabi description and overall core structure of SES curricula, to harmonize ILOs and PLOs, to elaborate final equipment/software/book lists, to develop teaching materials process. The reports provoked much debate and strong interest among the audience. Along with formal

meetings and sessions, all participants had a chance to enjoy lively discussions during numerous networking activities and social events. The participants visited labs housed by the School of Energy and Power engineering, Museum of TPU history and the University exhibition hall.



ESSENCE project presented at the international conference at P7/KSPEU



Russian partners of ESSENCE consortium – P4/TPU, P5/ INRTU, P6/UrFU, P7/KSPEU, P8/NEFU – have presented ESSENCE project at the international conference “Electric power

industry in the eyes of youth” hosted by Kazan State Power Engineering University (P7) in October 1-5, 2018. Key information about ESSENCE project –project goals and objectives, consortium members, first activities performed and results achieved – was reported at the meeting of the methodological council on engineering education development. The council meeting participants have become experts and scientists in the field of power engineering from Russian leading companies and universities. The presentation provoked strong interest among the audience.

Syllabi of smart energy courses will be soon available online

Russian and Vietnamese partners have finished the development of course syllabi under the guidance of P4/TPU. In the beginning of November 2018 the materials will be available on ESSENCE project web-site. The development process lasted several months and turned out to be a multistage and challenging task. The first drafts of syllabi were produced prior the training seminars at EU partners took place in April and May 2018. The drafts were processed and revised by Russian and Vietnamese staff during their stay in Riga, Grenoble and Kosice under the supervision of EU experts. The second drafts of syllabi appeared and were sent for peer-review. By the end of June peer-reviewed syllabi for 10 courses were available, and the process started to harmonize and finalize

intended learning outcomes, course sequence, equipment list, to eliminate overlaps between the courses etc. Due to differences between European, Russian and Vietnamese educational systems and standards, teaching and learning approaches, cultural differences, the harmonization process turned out to be quite long, full of online and face-to face discussions and requiring multiple iterations but still necessary to develop the well harmonized core curriculum of the master program. Due to the need of face-to-face dialogue additional meeting has been organized in Tomsk in September 2018. This allowed to move things forward and facilitate the process.

Upcoming events

-  Webinar in advanced teaching techniques
-  Information sessions at RU and VN partner universities in September - October 2018
-  Development and peer-review of teaching materials
-  EACEA monitoring visit to P4/TPU
-  Partner meeting at P1/RTU

For further information about the project please refer to web-site www.essence-erasmus.org!