



Co-funded by the  
Erasmus+ Programme  
of the European Union



# **Erasmus+ Higher Education International Dimension BALTIC INFO DAYS 2018**

## **KA2 Capacity Building Higher Education (CBHE) in Partner Countries: Experience sharing**

**October 31<sup>st</sup> 2018**  
**Anatolijs Zabašta, Nadežda Kuņicina**  
**Riga Technical University,**  
**Institute of Industrial Electronics and Electrical Engineering**

# Riga Technical University – KA2 CBHE

- [Riga Technical University](#) – the most successful LV Higher Education Institution in the Erasmus+ KA2 Capacity Building Higher Education (CBHE) projects:
  - **Two co-ordinated projects:**
    - *„Improvement of master-level education in the field of physical sciences in Belorussian universities” (2015)*
    - *„Establishing Smart Energy System Curriculum at Russian and Vietnamese Universities” (2017)*

# Riga Technical University – KA2 CBHE

## Partner institution in 7 projects:

- „Applied curricula in space exploration and intelligent robotic systems” (2016)
- „Capacity Building in Asia for Resilience EducaTion” (2016)
- „Electrical Energy Markets and Engineering Education” (2017)
- „Building capacity by implementing mhGAP mobile intervention in SADC countries” (2017)
- „Uso de las TIC para la Gestión Integral de la Internacionalización en América Latina” (2017)
- „Excellence in Engineering Education through Teacher Training and New Pedagogic Approaches in Russia and Tajikistan” (2017)
- „SMARTCITY: Innovative Approach Towards a Master Program on Smart Cities Technologies” (2018)

# How to prepare a good proposal?

- It is not a story of success!
- This is a way full of expectations, hopes, disappointment and losses!

# “Lost and found”

## Proposals submitted in the Call 2018:

1. "Energy efficiency as a factor of the competitiveness of the EU economy, 599387-EPP-1-2018-1-RU-EPPJMO-NETWORK, NIZHNY NOVGOROD STATE TECHNICAL University
2. Development of practically-oriented student-centred education in a Field of Modelling of Cyber-Physical Systems, **RTU**, A.Zabašta, 598180-EPP-1-2018-1-LV-EPPKA2-CBHE-JP
3. Energy-Saving Technologies in Transport: Joint Innovative Double Degree Master Program, RTU, N.Kuņicina, 597933-EPP-1-2018-1-LV-EPPKA2-CBHE-JP
4. Implementation of innovative teaching methods in 'Computer Science and IT' study programme with special focus on Security of Networked Devices, CSI-Net, UNIVERSITY OF MITROVICA, Nebojša Arčič
5. Centers for Continuing Engineering Education in Sustainable Energy and Environment CEESEE, **RTU**, Anna Mutule, 598186-EPP-1-2018-1-LV-EPPKA2-CBHE-JP
6. New Curriculum for Advanced Functional Materials using Smart Technologies/CAMATEC, BTU, Eyngorn, Elena, "597953-EPP-1-2018-1-UA-EPPKA2-CBHE-JP
7. Joint master program in the field of Clinical Engineering in Uzbekistan UzMedEn, NSTITUTO POLITECNICO DE VIANA DE CASTELO, 598335-EPP-1-2018-1-PT-EPPKA2-CBHE-JP.
8. Regional Educational Center for the Development and Integration of Renewable Energy Sources into the Energy System. **RTU**, Jelena Čaiko, 598989-EPP-1-2018-1-LV-EPPKA2-CBHE-JP
9. **58 598317-EPP-1-2018-1-BG-EPPKA2-CBHE-JP Bulgaria TECHNICAL UNIVERSITY OF SOFIA SMART CITY: Innovative Approach Towards a Master Program on Smart Cities Technologies RU (3), MN (3), KZ (3) 976 159.00**

## Some tips

- The relevance to state - national – regional targets
- Composition of a consortium and roles of the partners
- Consistence of the targets, outcomes and activities through the all project application
- Selection of the region with a less competition
- A good luck!

***No more advises, as all of us are not partners, but competitors!***

# Implementation (1)

- *“And what do we have with this?”*
- *«Un kāds mums no tā labums?»*
- *«А что мы с этого будем иметь?»*

# Motivation: institutional and private

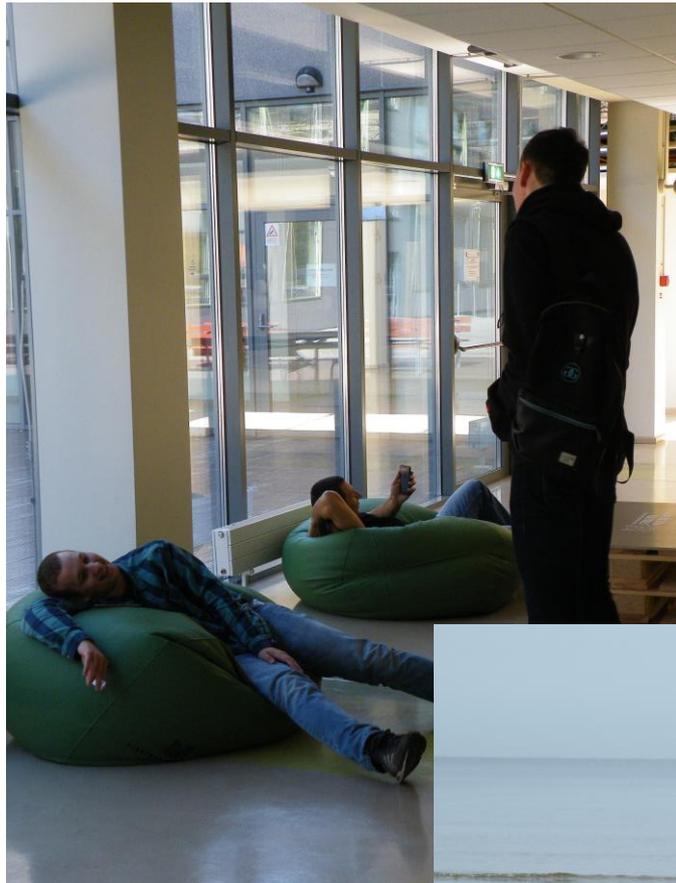
## PCs:

- Involvement into Bologna process, recognition of curricula,
- New master level education courses and programs
- New equipment for laboratories
- Expectations to improve English knowledge
- Opportunity to travel and create own network
- Additional salaries for teachers, interpreters and professionals

## EU:

- Opportunity to develop new courses for own needs
- Opportunity for scientific publications
- Opportunity to create a network of researchers and participate in new projects
- Additional salaries for teachers and professionals

# For the students...



# For the teachers...



# For the university...



## New course e-books

1. Applied Physics (curator – KU Leuven) [ISBN](#) ([pdf](#))
2. Functional nanomaterials (curator – BSU)
3. Photonics (curator – BSU)
4. Applied Informatics (curator - RTU) [ISBN](#) ([pdf](#))
5. Research towards master thesis/ scientific project management (curator – The University of Cyprus) [ISBN](#) ([pdf](#))

## Implementation (2)

- Institutional support – otherwise different obstacle could arise!
  - Take care of the technical staff – motivate with salary and travels
- To plan meeting and events in advance:
  - “who is the first to drive, it's the first one” (kas pirmais brauc, tas pirmais maļ)
  - Partner’ budget saving

# Implementation (3)

- Risks out of project team:
  - Particularities of national bureaucracy (Belarus)
  - Political risks (Kosovo)
  - Cultural (Azerbaijan, Tajikistan, Africa countries)

# Questions?

