



# GREEN ECONOMY

NEWSLETTER  
EDITION 4

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# TRIBUTE TO MANKUMAR

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It was in 2001, a group of high school graduates came to enroll with Khwopa College, Nepal's first land-grant college undertaken by a municipality. The College was launching several Bachelor's programs, Environmental Science was one of them. Mankumar was one of those high school graduates who trusted the college, which was yet to be tested. I was the College Principal and also a teacher of the subject. Together with Mankumar, those students and teachers who joined the pious effort of a people's college, we successfully passed the "test" and continued for the Master's program in environmental science.

Mankumar joined the Master's program as well at Khwopa College. He had excelled with A grades in the Bachelors's. There are many occasions that I shared with him. Whether in the journal seminar or the classroom or on the field trip to Chitwan or Bardia, he was always my aide de academia. We had the challenge to run the courses of Environmental Science outside of the university premises. With the trust, support, and cooperation of students like Mankumar, the College not only run the courses but shined out.

One of the beams of that shining light was Mankumar. In 2008, one good day, he came to visit me at NAST (Nepal Academy

of Science and Technology, Khumaltar. He was planning for enrolling a PhD program and wanted a letter of recommendation. To my joy, he got the opportunity at the School of Natural Sciences at Trinity College Dublin. He decided to come back to his home country and serve in strengthening its academia. Till last October (2020), he was in the field; after all, he was a dedicated research scientist. The previous month, we had a paper

published in a peerreviewed journal. It is hard for me to take his death as a reality. I will be missing the skillful and impassionatearguments of this young professor on every occasion when I have a seminar, or his guffaw when I cajole in lighter moments. He had all potentials to contribute, advance, and mature Nepal's academic field through teaching, research, and conferences. Man Kumar was an intelligent student, more than that he was diligent.

Dinesh Raj Bhuju  
November 9, 2020  
Sunrise, Dhobighat, Lalitpur

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## MY FRIEND MAN KUMAR DHAMALA



I had the opportunity to work with the late Dr Man Kumar Dhamala, on two projects in the past 5 years and I came to appreciate his kindness, openness, sharp mind and knowledge. We shared long conversations in my quest for a better understanding of Nepal and the Nepalese culture. He was also eager to learn more about Cyprus and Europe. During meetings we enjoyed teasing each other, always within the boundaries of mutual respect and consideration. For our project MK was responsible for the curricula development for the Tribhuvan University.

For this task we worked very closely together and unfortunately his untimely pass left a real gap in my life and work. He is greatly missed and my thoughts go out to his wife and son and of course his extended family and colleagues. May he rest in peace.

Kyriakos E. Georgiou,  
University of Nicosia,  
Cyprus

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A boy coming from the distant village of eastern Nepal, had evolved him to the level of academic height very few can make in a life span of 39 years of age. He took his BSc and MSc from Tribhuvan University. PhD from Trinity College of Dublin, Ireland in Biodiversity Conservation related area. He was very popular with students and colleagues, He had sufficient number of publications in high impact factor journals. His publications are on Biodiversity Conservation, species specific interaction. Over the recent years he was contributing in Science & Technology related policy research especially scope and opportunities to expand the access in developing societies. We especially at the institution level Tribhuvan University, have to bear the loss, with little chance of compensation. Besides, we have to continue EGEA managing the crisis, the role curricular focal person he was undertaking. MKD came from a village, from relatively low economic level family, living with self-respect and was attempting to fulfil his requirements maintaining dignity. He has a young wife, and 6 years son.

Madan Koirala

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**Although we have lost one of  
our members, we welcome a  
new addition to our family.**



Carlos Machado's Daughter,  
Victoria

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# EUROPE



## OTTO VON GUERICKE UNIVERSITY MAGDEBURG

### A COMPILATION OF ESD PRACTICES AT OTTO-VON-UERICKE UNIVERSITY

During these challenging times of a worldwide pandemic and a rising quantity of responding publications on digitalisation and online courses, the Otto-von-Guericke University in Magdeburg, Germany, has worked on a compilation of papers, discussing a matter of modern teaching that should not be moved to the background of our daily business at a higher education institution: The challenges and chances of incorporating education for sustainable development (ESD) into curricula and teaching methods as they form the main part of the University's sustainability strategy.

Academic staff of various faculties contributed to a collective work, including strategies how to develop teaching concepts, methodologic and didactic approaches, innovative teaching methods such as problem based learning or practical courses, and ideas on how to increase student's participation and emancipation in modules dealing with sustainable subjects as well as outside of university but in society.



Our university has developed a profile which includes a strong focus on sustainable practices in teaching and research, which all papers in this collection each are mapping out specifically. The transdisciplinary nature of this task has shown that ESD cannot be looked at from only a few academic angles – relevant topics can be

discussed and should be included in curricula of political science as well as computer science or psychology. Some practical examples, such as the university's Master module "Sustainability and Mobility", are being evaluated, as they have been taught in past semesters. Other articles, such as the one about the university's transdisciplinary "Sustainability Certificate", are focussing on their concept as they have yet to be implemented. ESD in higher education institutions is and will always be an ongoing process and its regular evaluation and improvement is crucial for the quality assessment and creative advancements.

It should be mentioned that this project could only be realised with the devotion of colleagues who worked on it besides their packed schedule of research, teaching and facing the same challenges as everyone else in these difficult times. At this point, I would like to

thank my colleagues Franziska Körner and Prof. Dr. Hartwig Haase, who have put a lot of effort, emotions and their free time into making this publication happen!

This publication is only available in German, but there might be an English summary available soon. Within our EGEA project this project should be seen as an impulse to review best practises of ESD in our teaching partner institutions as well as analysing what progress we have made so far in developing modules to enhance a green economy, which is the essence of our project. In terms of global learning and enhancing a green economy around the world, we should compare and contrast best practices from as many countries as possible. Therefore, all Higher Education Institutions of our project as well as others are invited to review their state of affairs and to get inspired to develop a similar compilation as a project-wide publication.

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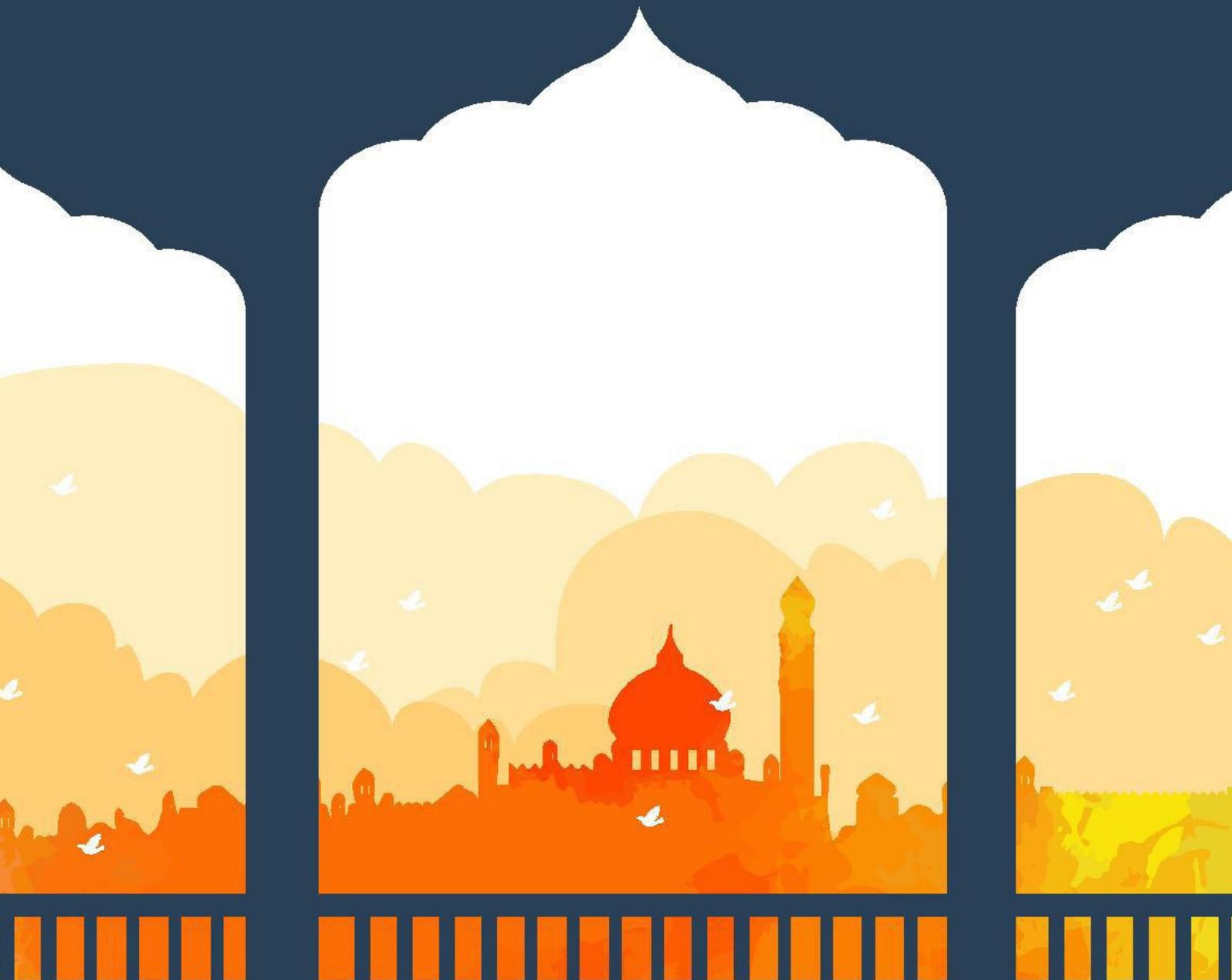
## UNIVERSITY OF NICOSIA, CYPRUS

Every month I write a 1000 word article in Greek for a monthly business magazine Economy Today. In November's edition there is an article on Smart Agriculture where I make references to the projects I work on and off course on our project as well. The article is in pages **98 -99**

[https://issuu.com/diaspublications/docs/change\\_20t.53\\_20binder2](https://issuu.com/diaspublications/docs/change_20t.53_20binder2)

Kyriakos

# India



# LOVELY PROFESSIONAL UNIVERSITY

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The Research team from Lovely Professional University (LPU), India, has been actively working on Green Economy and Sustainable Development which is evident from their recently Granted (Dec. 2020) Patent on : A Process to Remove Heavy Metals from Industrial Effluent using Biochar. The effluents from industries contain heavy metals which are the major cause of human health hazards. There is an urgent need to find the ways to treat the effluents using green technologies. Multidisciplinary research team from LPU is working closely with industries to provide them cost effective technology to treat the effluent before discharging into the natural resources. LPU acknowledged the inventors Dr. Neeta Raj Sharma, Dr. Joginder Singh and Dr. Ramesh Kanwar along with students Deepika Bhatia and Simranjeet Singh.

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School of Bioengineering & Biosciences, LPU organised an e-poster competition on the theme "Green Economy". on 30th September 2020. Students from across the university participated in e competition. The wining poster is attached here. The winner is Manish Sharma from Mittal School of Business.

The School of Mechanical Engineering under the aegis of Lovely Professional University organized an International Conference on Advances in Sustainable echnologies (ICAST) from November 6 to 7, 2020, keeping in view the theme of EGEA project. Globalization provides all-around development and this development is impossible without technological contributions. Hence, this conference aimed at providing a leading forum for sharing original research contributions and practical developments in the field of Engineering so as to contribute its share for technological advancements. This virtual conference provided a unique platform to facilitate the scientists, researchers, academicians, industrialists, and students to share the recent advancements and the challenges in technological developments.

# PRIYADARSHINI INSTITUTE OF ENGINEERING & TECHNOLOGY

## Dr. Sanjeev Kumar inaugurated Green Lab



Hon'ble Dr. Sanjeev Kumar ( IAS ) Divisional Commissioner, Nagpur Division inaugurated 'GREEN LAB' at Priyadarshini Institute of Engineering and Technology on December 7, 2020. Green Lab is a part of EGEA project funded by European Union. EGEA is an ERASMUS PLUS funded prestigious Project which has partners from Universities from Nepal & Kyrgystan , Cyprus, Latvia, Poland, Germany & Norway. The inauguration was done

in gracious presence of Dr Rakesh Shrivastava, Shri Abhijeet Deshmukh, Director, LTJSS, Prof Habib Khan, President, Council of Architecture, Dr Vivek Nanoti, Principal, PIET and Dr. G.M. Asutkar, Vice principal, PIET. Dr Vivek Nanoti is Project Head of EGEA project whereas Dr Manju Soni is Project Manager and 06 senior professors of PIET as members of this project. Dr. Vivek Nanoti briefed the gathering about

EGEA project. He also mentioned that as a part of the project, the institute will soon start 15 courses.

Dr. Rakesh Shrivastava appreciated the efforts taken by the institute in setting up Green Lab. Mr. Abhijeet Deshmukh, in his presidential



address talked about various courses and initiatives taken by the institute for the environmental cause. Chief guest of function Dr Sanjeev Kumar congratulated the project team of EGEA for this unique concept of Green Lab. He also urged the audience to remain concerned for the environment. All the principals, vice-principals, deans and heads of departments of all the colleges run under Lokmanya Tilak Jankalyan



Shikshan Sanstha were prominently present on this occasion. The programme was compered by Dr Bhumika Agrawal. Dr Manju Soni introduced the Chief Guest and Dr Swarda Mote, educator of EGEA proposed Vote of Thanks. The project team members Dr. Aieshwarya Lopulwar, Dr. Wahid Deshmukh, Dr. Bhangе, Dr. Swapna Ghatole, Dr. Rashmi Nimbalkar worked hard for the success of the programme. Dr. Archana Potnurwar, Mr. Harshad Kubde, Mr. Himanshu Taiwade, Mr. Ketan Bodhe, Mrs. Namrata Khade proved to be instrumental for the smooth conduction of the programme.

## **International Conference on Sustainable and Renewable Energy- Challenges**

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We are pleased to inform you that Priyadarshini Institute of Engineering and Technology (PIET), is organizing an International Conference on “Sustainable and Renewable Energy-Challenges and Opportunities (ICSARE-2020)” in collaboration with National Environmental Engineering Research Institute (NEERI), Nagpur, India scheduled on 15th-16th December 2020, under the aegis of Enhancing Green Economy in three countries of Asia (EGEA), a project granted to PIET by European Union.

Energy and the environment have always been and will continue to be closely connected to each other. Fossil fuels are not only depleting but they are also considered to cause serious environmental problems

related to global warming and climate change. Renewable sources of energy are available in abundance and are considered to be environment friendly. In view of this, many countries including India are emphasizing on Science & Technology Development of Renewable Energy sources. Lot of research has been undertaken in the area of Sustainable Renewable Energy sources which are green and clean.

The aim of ICSARE-2020 is to provide an online platform to academicians, scientists, industrialists and professionals to address and discuss the emerging issues in the field of Sustainable & Renewable energy, Green Engineering and Clean Technology.

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# EDULAB EDUCATIONAL EXCHANGE PL

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## TOPICS COVERED ON SOCIAL MEDIA

- Denmark to build Nodrics' biggest Solar Farm.
- India on track to meet 175GW Green Energy target by 2022.
- European Commission to expand offshore Wind capacity to 300 GW.
- Israel launches 10-year National Energy efficiency plan.
- Malaysia's Energy giant Petronas targets Net zero emissions by 2050.
- HSI becomes first UK Railway to run entirely on Renewable Energy.
- India has fastest-growing Renewable Energy capacity addition in the world.
- Japan, South Korea pledge to reach Net zero by 2050.
- World's first Hydrogen Double-Decker buses arrive in Europe's top oil city, Aberdeen.
- France to invest over \$35 Billion to boost the economy through Renewables.



# ANALYTICS OF SOCIAL MEDIA

Facebook Page likes ⓘ



161

Instagram followers ⓘ



57

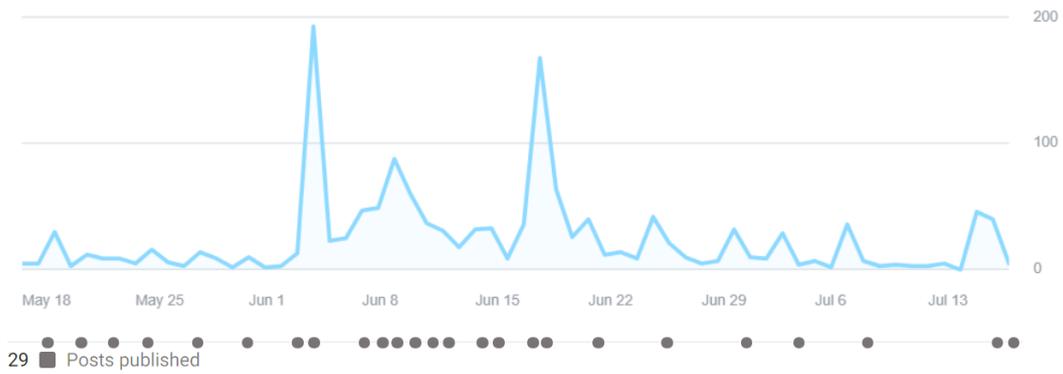
- **REACH**

- **MAY - JULY 2020**

Trends

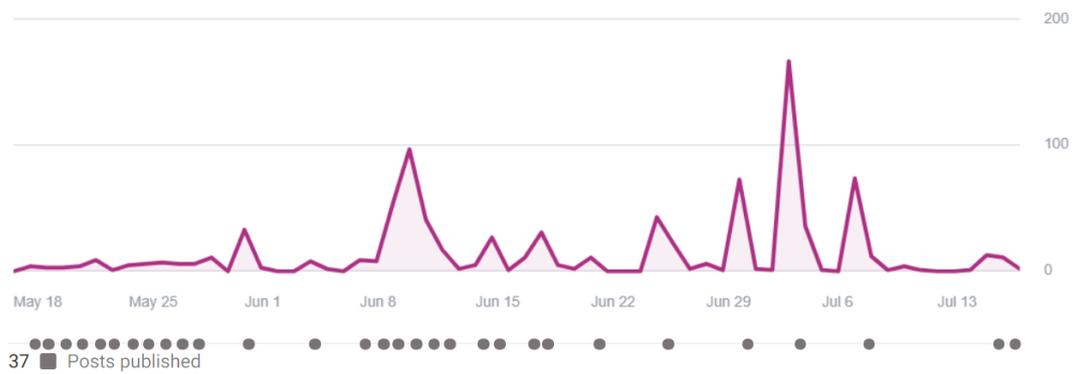
Facebook Page reach ⓘ

627



Instagram reach ⓘ

579



# o AUGUST - OCTOBER 2020

## Trends

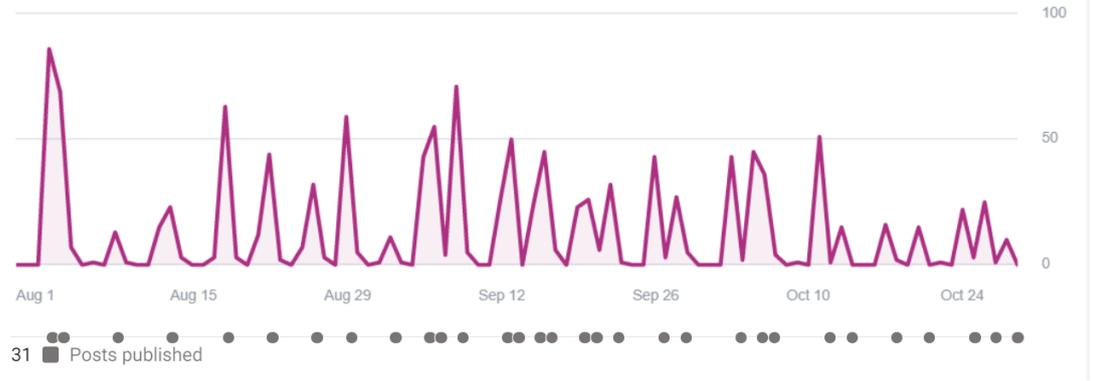
Facebook Page reach ⓘ

348



Instagram reach ⓘ

525



# ○ NOVEMBER - DECEMBER 2020

## Trends

Facebook Page reach ⓘ

241

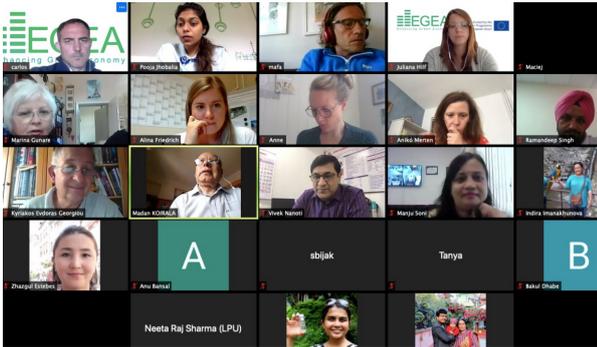


Instagram reach ⓘ

315



# VIRTUAL MEETINGS



## EGEA Modules and Courses on Green Economy

Deadline End of Year 2020

Green Economy for Business PE3: UCN 15 ECTS	Green Economy for Law & Governance PE4: UNC 15 ECTS	Green Economy PE5: SGW 15 ECTS	Green Economy Environment and Sustainability PE6: SGW 15 ECTS	Management for Green Economy PE: BIA 15 ECTS
Sustainable Marketing	Environmental Law	Green Economy: Sustainable Cities	Sustainability Science	Waste Management
Circular Economy	Social Corporate Responsibility	Economy and Sustainability	Urban and Rural Systems and Sustainability	Management of Carbon Markets and Energy
Green Innovation	Global Governance and Sustainable Development	Green Economy: from Knowledge to Action	Environment and Sustainability	Utilities Management
Green Economy in Practice	Green Economy in Practice	Green Economy in Practice	Green Economy in Practice	Green Economy in Practice



### Learning Activities and Teaching Methods

- Faculty Lectures and Guest-Lectures Seminars
- Directed and Background Reading
- Case Study Analysis
- Academic Paper Discussion
- Simulations
- Students' Presentations

### Distance Learning Faculty Trainings

- Training 1: Distance Learning Essentials**  
 The aim of this certificate is to provide attendees with all the knowledge to create a Distance Learning (DL) course that meets the standards of DL courses at the University of Nicosia as well as to achieve the skills needed to create activities and to better perform course and student monitoring. This course will cover DL Guidelines and introduce Moodle.
- Training 2: Moodle Essentials**  
 The aim of this certificate is to provide attendees with skills needed to create more engaging activities in their DL courses. These activities will take the students' focus away from the course content and shift it towards student generated content and student-to-student interaction.
- Training 3: Creative Media Essentials**  
 The aim of this certificate is to provide attendees with the skills needed to produce recorded material and presentations for their students. This training also introduces the teleconference scheduling system and guidelines for conducting a teleconferencing session for DL students.
- Additional faculty and student training can be found at the training video library <http://dlitblog.unic.ac.cy/training-videos/moodle-training-accessible-videos/>

### Ideas for Alternative/ Authentic Assessment

#### Assessing with a student project/product or performance

<ul style="list-style-type: none"> <li>Participate in a panel discussion of "experts" (present a written or recorded video of his/her performance)</li> <li>Make a TED-TALK</li> <li>Make a brochure</li> <li>Write a newspaper article</li> <li>Compose a rap or other song relevant to big ideas related to the topic</li> <li>Design a comic strip about the topic</li> <li>Create a concept map</li> <li>Write a text message dialogue relevant to the topic</li> <li>Write a series of tweets relevant to the topic</li> <li>Create a Facebook wall relative to the topic</li> <li>Create a Pinterest board relative to the topic</li> <li>Start a blog</li> <li>Write a recipe relevant to the topic (good for showing causes of an event)</li> <li>Write an advice column with several problems related to the topic</li> <li>Create flash cards or trivia cards</li> <li>Make a short film for a topic</li> </ul>	<ul style="list-style-type: none"> <li>Develop a project</li> <li>Create a poster presenting main concepts, giving guidelines etc.</li> <li>Make an interactive PowerPoint presentation</li> <li>Make a TED-TALK</li> <li>Make a timeline with topic big ideas</li> <li>Create a game.</li> <li>Make a TV or radio commercial</li> <li>Create a flow chart or diagram</li> <li>Write an interview of a relevant person</li> <li>Create a questions/answer key game</li> <li>Write journal/diary entries</li> <li>Write a letter</li> <li>Make an instructional video</li> <li>Give a presentation</li> <li>Create an interactive notebook</li> <li>Create a 10 Big Ideas relevant to the topic/article</li> <li>Create a mini self-reflection book with one fact/idea</li> <li>Write an instruction book</li> <li>Create a newsletter</li> </ul>
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# Nepal



# TRIBHUVAN UNIVERSITY

## GREENECONOMY: A BRIEF DISCOURSE

Madan Koirala  
Environmental Science

### AN OLD ANECDOTE

- Cereals couldn't be grown on the blackboard
- Neither certificates could be eaten



### PHASES IN HIGHER EDUCATION

#### Direction

Uni-disciplinary



Interdisciplinary



Multidisciplinary



Transdisciplinary



## GREEN ECONOMY

- Low carbon, resource efficient and socially inclusive economy
- Growth in income and employment should be driven by public and private investments, that:
  - Reduce carbon emissions and pollution
  - Enhance energy and resource efficiency
- The Green Economy responds to global economic, social and financial crises by reallocating natural, social and financial capital into creating benefits for:
  - Economic development,
  - social equity and

## NATIONAL SCENARIO

### Green Economy for People, Planet and Profits

- Climate crisis: relook at our economic systems from a new perspective
- Post COVID -19 scenario: Global Socio-economic order
- Efficient and Productive Economies not enough but also fair both for people and the planet
- Large investments-based infrastructure development regime versus traditional economic regime
- Annual direct costs of current climate variability in Nepal (Agriculture and Hydropower sector), on average are estimated to be equivalent to 1.5% to 2% of current GDP/year in 2013 prices.
- High comparison to international level (IDS-Nepal, PAC and GCAP, 2014, Economic Impact Assessment of Climate Change in Key Sectors in Nepal)



## KEY QUESTIONS

- What could be a road map towards green growth and a green economy for countries like Nepal?
  - Can international experiences from countries such as Bhutan, Rwanda and Costa Rica be useful?
  - More than the half the global population live in urban areas and cities tend to be the engines of growth; how can cities drive green growth?
- 
- Eager to learn from those who have championed initiatives for a green economy and seek to learn from their experiences
  - Young entrepreneurs working on innovative businesses related areas such as:
    - Renewable energy, Waste management, Sustainable mobility

## TRANSDISCIPLINARY TOWARDS GE

- Physics: Energy linked (Mechanics, Light, Temperature, Magnetism, Solid State, Theoretical, Quantum to Material Science), CP
  - Chemistry: Inorganic, Organic, Biochemistry for Waste to energy, CP
  - Botany: Species specificity
  - Zoology: Species specificity
  - Microbiology: Anaerobic, Aerobic, Green production, CP COVID Pandemic
  - Biotechnology: Plant, Animal, Medical,
  - Environmental Science: Energy, Waste Management, Ecosystem energetics
  - Mathematics, Statistics: Modelling
-

# KATHMANDU INSTITUTE OF APPLIED SCIENCES

## SOCIAL MEDIA DISSEMINATION REPORT PREPARED BY (KIAS)

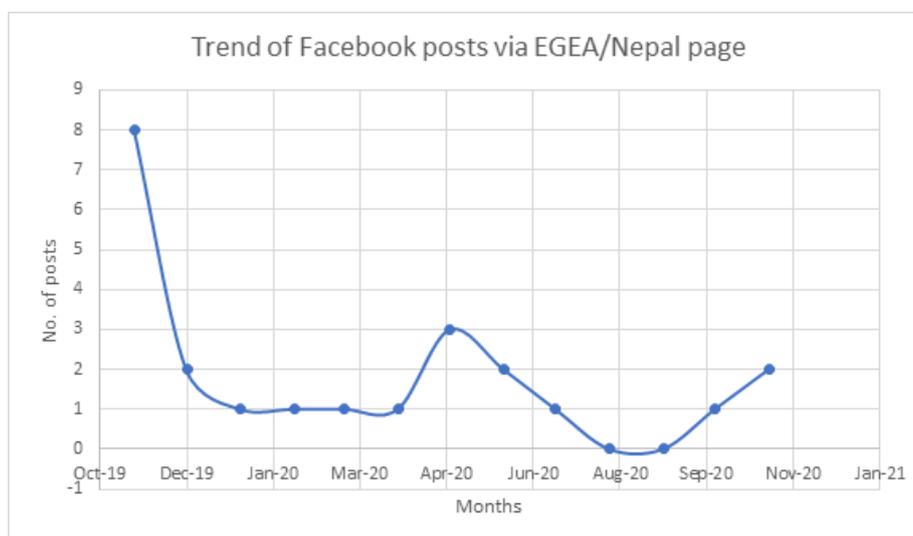
### Facebook page:

Name of page: EGEA/Nepal

Link: <https://www.facebook.com/EGEANepal-107900237347252>

### Few points:

- Created on November 22, 2019
- 170 people like this page
- 173 people follow this page
- Total Posts = 23



## Details of each post:

- November 20, 2020: Video about EGEA project prepared by EGEA Kyrgyzstan
  - November 11, 2020: News about renewable energy and COVID-19
  - October 29, 2020: Journal article related to Green Economy and COVID-19
  - July 4, 2020: Green Economy e-Poster competition
  - June 15, 2020: News about Nepal's largest solar power plant
  - June 5, 2020: Flyer about World Environment Day
  - May 20, 2020: Illustration about carbon emission prepared by EGEA/India
  - May 17, 2020: Announcement about the Webinar on Green Economy organized by Pokhara University
  - May 5, 2020: News about air pollution and COVID-19
  - April 25, 2020: Journal paper about air pollution during COVID-19
  - March 19, 2020: Ways to go green - flyer by EGEA/India
  - February 25, 2020: Flyer of forest coverage of Nepal
  - January 3, 2020: News about biogas plant in Nepal
  - December 31, 2019: Happy New Year post
  - December 17, 2019: Flyer by EGEA/India about Solar plant in India
  - November 28, 2019: News about EGEA meeting held in Kathmandu, Nepal
  - November 28, 2019: Shared a post by Kathmandu Institute of Applied Sciences regarding EGEA meeting in Riga, Latvia.
  - November 28, 2019: Shared a post by Marina regarding Riga meeting (two posts)
  - November 28, 2019: Shared EGEA's website
  - November 28, 2019: Shared a news about EGEA's kick-off meeting in India
  - November 28, 2019: Welcome message for the page.
  - November 22, 2019: Post about EGEA Nepal team's meeting.
-

# Kyrgyzstan



## ISSYK-KUL STATE UNIVERSITY

On 4 September 2020, the Issyk-Kul State University working team of the EGEA project “Strengthening Green Economy in Three Asian Countries: India, Kyrgyzstan, Nepal” conducted a training seminar for government and municipal officials and employees of environmental organizations on the theme “Promoting a green economy in Issyk-Kul region”. At the beginning of the seminar, a presentation on the goals and objectives of the project was made.

Further, the seminar discussed food security, organic farming, environmental aspects of green economy, eco-management in tourism and sustainable development of the Issyk-Kul oblast. The main goal of the project is to promote green economy through modernization of existing curricula, introduction of new disciplines on green economy and adult education. Joint work with schools and kindergartens is also planned.



# KYRGYZ ECONOMIC UNIVERSITY

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## Zoom virtual meeting within the EGEA project

**17-20.03.2020**

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The ERASMUS + project of the “Enhancing the Green Economy in the three Asian Countries of India, Nepal and Kyrgyzstan” (EGEA), the KEU working group with the partner universities from Germany, Norway, Latvia, Cyprus, Poland, India, Nepal, and Kyrgyzstan held a virtual Zoom meeting from March 17 to 20, 2020.

The goal of the online meeting was the joint development of 16 training courses on the green economy by taking into account five aspects: environment, economics,

management, legislation, and business. Also, the development of online courses on the green economy for adults and specialists in various fields with the distance life-long learning approach. Moreover, the project coordinators, representatives from all partner universities discussed further project work packages, plans, deadlines for fulfilling the pointed project tasks in a view of the current situation in the world with COVID-19.

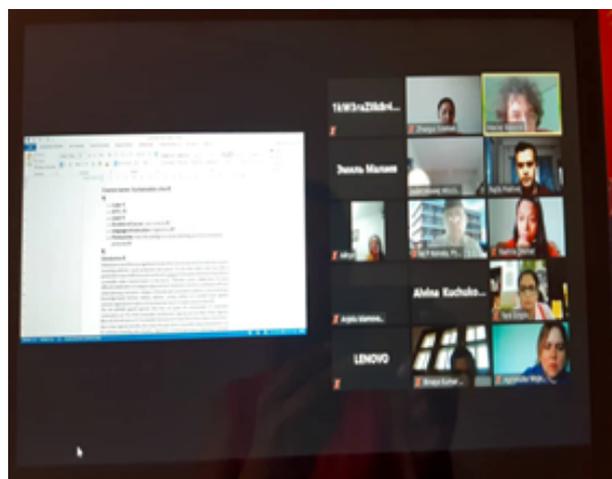


## Joint EGEA virtual meetings on development of curriculums on Green Economy May-June 2020

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Within Erasmus+ project “Enhancing Green Economy in the tree Asian countries: Kyrgyzstan, India and Nepal” was held jointly with all project partners:

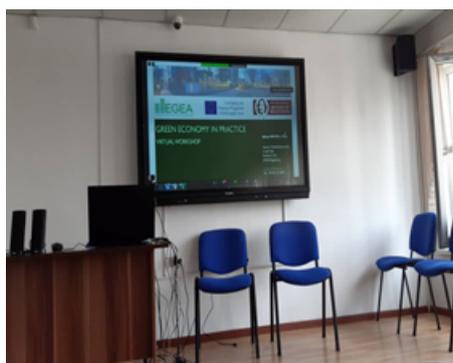
- 14.05.20 – Sustainable Marketing and Circular Economy organized by Ms. Anne Gry Sturod, University of South East Norway.
- 20.05.20 – Sustainable Development and Governance organized by Kyriakos E. Georgiou, University of Nicosia, Cyprus
- 27.05.20 – Green Economy organized by Dr. Maceij Stawinski, Warsaw University, Poland
- 28.05.20 – Environment and Sustainability organized by Dr. Szymon Bijak, Warsaw University, Poland
- 09.06.20 – Management for Green Economy will be organized and held by Dr. Marina Gunare, Baltic International Academy, Latvia



## Virtual Workshop in Magdeburg: Green Economy in Practice from 2- 5th of June 2020

All project partners are participating now in an online workshop. The following topics are on agenda:

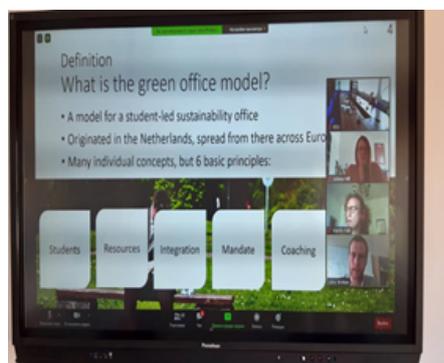
- Welcome by Prof. Dr. Klaus Jenewein, the Project leader of OvGU
- Introduction and Orientation about this week's program
- The role of environmental psychology for addressing global challenges
- Training Session on the module "Green Economy in Practice"



### 3rd of June 2020

All project partners are participating now in an online workshop. The following topics are on agenda:

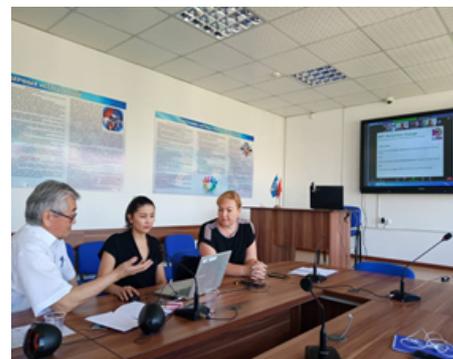
- Best practice: The network "Future Saxony Anhalt e.V./RENN.mitte" A local Sustainability Project presented by Ms. Renee Thesen
- Students - A powerful resources for transformation presented by Mr. Julius Brinken
- Training Session on Templates presented by Ms. Aniko Merten and Ms. Juliana Hilf
- Group work



## 4th of June 2020

**All project partners are participating now in an online workshop.  
The following topics are on agenda:**

- Political Science and Sustainable Development at Otto-von-Guericke University presented by Prof.Dr. Michael Bocher
- Build4people - Researching and promoting sustainable buildings and sustainable urban development in Cambodia from a people-centered perspective presented by Ms. Annalena Becker and Anke Blobaum
- Group work and all partner presentations
- CO2 and economic growth/Good life for All - how the COVID-19 crisis influences global CO2 emissions and what this means for future economy within ecological limits presented by Mr. Julian Worthmann



## Final Day of the Virtual Workshop in Magdeburg: Green Economy in Practice 5th of June 2020

**All project partners are participating now in an online workshop.  
The following topics are on agenda:**

- Photovoltaics as work and business field in Germany current strategies and implications for TVET from an entrepreneurial perspective
- Management meeting
- Closing session



## The online training on the Green Economy Modeling July 2020



The online training on the Green Economy Modeling is in the process organized by the Ministry of Economy of the Kyrgyz Republic jointly with GIZ and UN organizations. The lecturer is Dr. Andrea Bassi, the founder of KnowlEdge Srl and developer of the Green Economy Model for KR.

On behalf of Kyrgyz Economic University named after M.Ryskulbekov, Ms. Zhazgul Estebe, Head of IRO, Coordinator of EGEA project, lecturers Ms. Mira Kadyrova and Ms. Saikal Esenamanova have participated in the training. The training will last until July 2020.



## Action to clean up the country from garbage 19th of September 2020

An action to clean up the country from garbage was held in Kyrgyzstan on September 19. The action was timed to coincide with the World Day of Cleanliness, 180 countries of the world and about 20 million volunteers took an active part in this global movement. The event is part of the global campaign "Let's Do It!".

This year, the working group of the EGEA project and student volunteers of KEU from the student organization "GreenLAB KEU" took an active part in this global environmental action. In one day, they cleaned up the area near our university, the Dolon Omurzakov Spartak stadium.

The main goal of the campaign is not just cleaning, but also changing people's thinking. As the participants of this action noted: "We do not just clean, but we agitate people to clean up the garbage with the principles of green thinking".

### KEU for a clean city!



## The GREENLABKEU is facilitating the World Cleanup Day in Bishkek - 19th of September 2020

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On September 19, 2020 "GreenLAB KEU" organized a large-scale field campaign to clean the territory of the National Park "Ala-Archa" from plastic and garbage. The aim was to promote the "green behavior" and to raise the awareness of the schoolchildren and students about the "green economy" as well. In compliance with all sanitary standards, the campaign was held in a free format. Interactive sports competitions, training, conversations combined with garbage collection. The project team, university teachers, and students actively helped in collecting recyclable materials. All collected garbage sorted into raw materials for further processing.



The project team and GreenLabKEU team drawn special attention to the development of "Green behavior and Green thinking" on the principle of 4R's: – Reduce, Reuse, Recycle, and Refuse. In addition, the training on the topic: "Green economy - an innovative activity" held by invited business coach Ruslan Ashymov. In addition, the PRP team of the project organized an introductory conversation for primary school students of secondary school No. 25 in Bishkek, they were encouraged to love and protect the nature of Kyrgyzstan.

At the end of the campaign, the project's working group summed up the results, and the most active participants received certificates.



## **Monitoring of the EGEA project by Erasmus+ Office in Kyrgyzstan - 25th of September 2020**

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## **The GreenLabKEU team installed plastic recycling bins and boxes at the university - 8th of October 2020**

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## KEU Promotion campaign "Green behavior - Green Future!" in school - 20th of October 2020

On October 20, 2020, within the framework of the ERASMUS + project "Strengthening the Green Economy in three Asian Countries" India, Nepal and Kyrgyzstan (EGEA), in a solemn atmosphere, the rector of the KEU named after M. Ryskulbekov, the project working team, GreenLabKEU team jointly with the administration and students of the school-gymnasium No. 24 named after A. Tokombaev.



The main goal of the meeting is to launch the Green Thinking-Green Future! Campaign. Within the framework of this campaign planned to introduce an effective educational model in the field of environmental orientation of education with the involvement and active participation of teachers and students in maintaining the environmental policy of the gymnasium.

The goal of the Green Thinking - Green Future! Campaign consists in the introduction of this type of responsible behavior in which a person would cause less damage to the environment and would be more creative in the conservation and wise use of natural resources.

The main directions: rejection of products that are harmful to the environment; reducing the amount of daily waste; reuse of things; proper disposal of waste; conservation of water and electricity; respect for nature.



During the event, the honorable rector of KEU Almaz Kadyraliev and The director of the school have signed the agreement on cooperation. Zhazgul Estebes kyzy, EGEA Institutional Coordinator conducted presentation about EGEA project and Green behavior as well

as GreenLabKEU. PR team and GreenLabKEU team organized the event. They have provided school with recycling bin, trash boxes as well with promotion materials.



The school teachers have been invited to the training named "Green behavior - Green Future!" which will be held in KEU.



## KEU held trainings for schoolteachers in Bishkek on green economy and green thinking 21st of October 2020

On October 21, 2020, within the framework of the ERASMUS + project "Strengthening the Green Economy in Three Asian Countries" India, Nepal and Kyrgyzstan (EGEA), the project working group with the support of the university administration conducted the training "Green thinking - Green future!" for teachers of school-gymnasium №24 in Bishkek. EGEA PR team organized and moderated the training. GreenLabKEU team assisted during the event.



The training began with the opening speech of the KEU Rector, Ph.D. Kadyraliev A.T. and the coordinator for the development of modules prof.d.t.s. Alymbekov K.A. and Estebes kyzy Zhazgul, coordinator of the EGEA project.

In his welcoming speech, the rector of KEU, Ph.D. Kadyraliev A.T. noted the relevance of introducing the principles of green economy and green thinking into the country, the need for joint efforts in the implementation of planned activities.

For a more effective assimilation of information, the organizers of the training divided the participants into several small groups, which then worked in a competitive manner using creative methods of conducting such events.



In the first part of the training, the members of the project-working group made presentations on the topics "Basics of a Green Economy" and "Green behavior and Green thinking", informed about the tasks

and goals, as well as the importance of transforming people's consciousness into "green thinking". The participants watched the prepared photos and videos.

In the second part of the training, the working group demonstrated presentations on the topics Development of Green Thinking in Kyrgyzstan and Green School. In addition, the participants were given the opportunity to show their creative ideas and propose real projects for the implementation of "Green thinking" and their vision of a "green school" in Kyrgyzstan.

At the end of the training, the EGEA project expert group assessed each work individually and gave their comments and suggestions

for each work done.

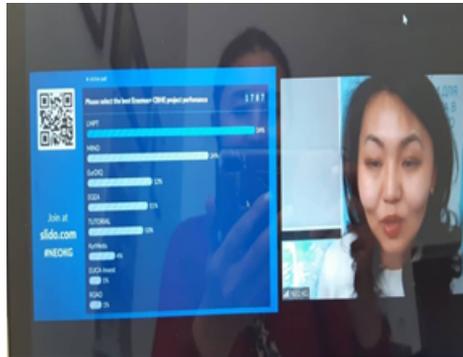
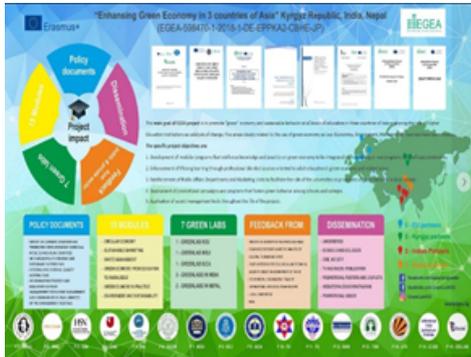
It should be noted the high level of preparation and responsibility of the speakers and the moderator of the training.

Thanks to the active and responsible participation of all participants in this event, as well as the organizers, the training was held strictly within the framework of a pre-planned plan. All the participants of the training were satisfied and admitted that they learned a lot of new information and will definitely apply and implement them in their schools. As a result of the training, all participants were awarded certificates and thanked for their active participation and called for further cooperation.

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## 5th of November 2020

Zhazgul Estebes kyzy, Institutional Project Coordinator participated on Online Exhibition of Erasmus+ Projects 2020 with video presentation about EGEA Project results and impacts.

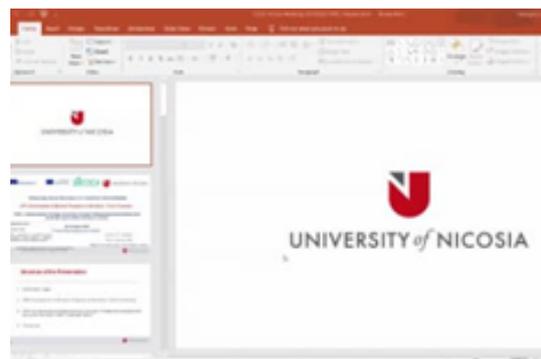


## 6th of October 2020

IUCA announcement about Guest lectures "Ecological Aspects of Waste"



EGEA Project Virtual Training on Online Learning held by University of Nicosia  
4 November - 9 December 2020



## International Scientific and Practical Conference "Standards and Quality in Green Economy" dedicated to World Quality Day was held in KEU 09-13.11.2020

The event was organized and held by our honorable Prof. Keneshbek Alymbekov and Institute of Trade and Department of commodity science, commodity expertise and restaurant business.

Institute of Trade and Restaurant Business and the Department of Commodity Science, Commodity Expertise and Restaurant Business of KEU named after M. Ryskulbekova holds the Quality Week from November 9 to 13, 2020, dedicated to the World Quality Day,



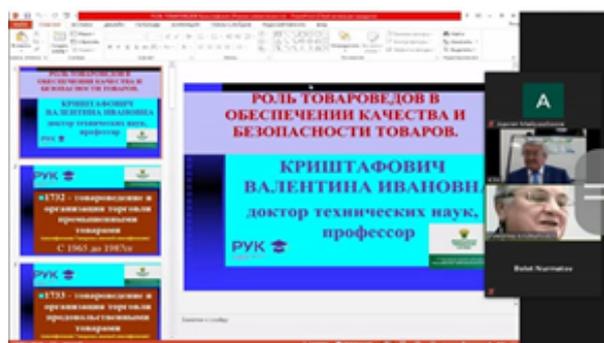
Неделя качества в КЭУ им. М. Рыскулбекова, посвященная Всемирному Дню качества под девизом «Создание потребительской ценности/Creating customer value»

Дата	Время	Место проведения	Тема мероприятия
09.11.20	09.00-07.00	КСЭУ	Поздравление с началом Недели качества «Создание потребительской ценности/Creating customer value»
10.11.20	09.00-07.00	КСЭУ	Поздравление с началом Недели качества «Создание потребительской ценности/Creating customer value»
11.11.20	12.00-13.30	КСЭУ	Открытие недели на тему «Международные стандарты управления качеством и Инновационная модель управления: Качество 4.0»
12.11.20	14.00-16.00	КСЭУ	Многонаправленные научно-практические конференции «Качество и качество в развитии Кыргызстана»
13.11.20	12.00-13.30	КСЭУ	Закрытие недели на тему «Роль стандартов и сертификации в развитии Кыргызстана»
13.11.20	13.30-16.00		Встреча с экспертами в области качества

celebrated in many countries of the world. Within the framework of the Week, open and guest lectures were held by leading experts in the field of quality assurance, popular science films were shown to students, virtual excursions-visits to modern restaurants in Bishkek,

competitions of student scientific articles, essays on the topics of product and service quality.

The key event of the Week was the International Scientific and Practical Conference "Standards and Quality in the Development of the Green Economy" on November 12. The importance of the conference for the system of trade, commodity production, services, as well as for the training of highly qualified commodity experts in modern conditions, were noted during the opening of the conference by the director of the institute, doctor of technical sciences, professor, corresponding member of Engineering Academy of the Kyrgyz Republic K.A., Alymbekov.



A welcoming speech to the conference participants was made by: Rector of KEU, Candidate of

Economic Sciences, Associate Professor A.T. Kadyraliev, Director of the Center for Standardization and Metrology under the Ministry of Economy of the Kyrgyz Republic B.A. Adanbaev, Chairman of the Association of Fruit and Vegetable Enterprises of the Kyrgyz Republic D.I. Alimzhanova, Deputy Chief Technologist of LLC "Abdysh-Ata" Isakova D.K., Deputy Director of the Bishkek Center for Testing, Certification and Metrology B.A. Nurmatov At the plenary session, scientific reports were made by: VI Krishtafovich, Doctor of Technical Sciences, Professor of the Department of Commodity Science and Customs Expertise of the Russian Customs Academy, Moscow; Baykhozhaeva B.U., Doctor of Technical Sciences, Professor., Head of the Department of Standardization, Certification and Metrology, Eurasian National University named after L.N. Gumilyov, Nur-Sultan; Zueva O.N., Doctor of Economics, Associate Professor, Head of the Department of Commodity Science and Expertise of Goods, Ural State Economic University, Yekaterinburg; Aslanov U., Head of the Mission of Hilfswerk

Doctor of Economics, Professor, Head of the Department of Commodity Science, Donetsk National University of Trade and Economics named after M. Tugan-Baranovsky, Donetsk; Bekkulieva BM, Ph.D., Associate Professor of the Department of Marketing and Logistics, University of Turan, Almaty; Kerimbekova D.O., Candidate of Economic Sciences, Associate Professor, Head of Department of Quality Management KNU named after J. Balasagyn, Bishkek and others. Greetings and annotations of speeches of scientists from related universities of Kaunas, Khujand and Bishkek. As a result of the conference, a decision was made to further expand cooperation between universities to improve the quality of training specialists in the field of quality assurance for the field of commodity production, trade, restaurant business and services. Sectional work on student scientific reports will continue on November 13, on the same day the closing of the Quality Week at the university will take place. International (Austria) in Central Asia, Dushanbe ; Malygina V.D.,



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### *Application Form*

Selection: 2018

KA2 – Cooperation for innovation and the exchange of good practices – Capacity Building in the field of Higher Education