Kirgizstan 3rd National Seminar on Modern

Educational Technologies - EduTech KG 2022

Sustainable Development Through Erasmus & EU Funded Programs

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Agenda

- Cyprus & the university of Nicosia
- The Erasmus Program & EU Funded Programs
- Sustainable Development – Back to the Future
- EGEA – Enhancing Green Economy in 3 countries of Asia
- SPHERA - Supporting the Professionalisation of Health Engineering studies and Related areas in Asia
- UN4DRR - University Network for Disaster Risk Reduction and management in Indian Ocean Rim
- Geo-CLIC -GEOinformation educational resources for CLImate Change Management
- DeVilag- Steering Migration through Sustainable Development: Euro -Egyptian Program for Agriculture and Rural Development
- LINK-EU- Linking Local Democracy and Solidarity to E.U. Institutions for the Design of Resilient Energy Policies

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UNIC – NICOSIA - CYPRUS

University of Nicosia (UNIC)

◤ Established on October 4, 2007

◤ Started back in 1980 as a private college by the name Intercollege, offering bachelor and master degrees (since 1996, university status accredited degrees)

◤ Offering bachelor, master and PhD degrees.

◤ 8 schools and 20 departments

◤ More than 14.000 students

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Students, Faculty and Staff - Fall 2022

- **14,384** Students

- **299** Faculty

- **811** Adjunct Faculty

- **402** administrative staff

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Schools and Departments

8 Schools
- Business
- Education
- Humanities and Social Sciences
- Law
- Medical
- Sciences and Engineering
- Veterinary Medicine
- Life and Health Sciences

20 Departments

Programs Offered
- **41** - 1st Cycle Degree (Bachelors)
- **37** - 2nd Cycle Degree (Masters)
- **20** - 3rd Cycle Degree (Doctorates)
- **29** - Distance Learning

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Departments

School of Business
- Accounting, Economics and Finance
- Digital Innovation
- Management

School of Education
- Education
- Music and Dance

School of Humanities and Social Sciences
- Architecture
- Communications
- Design and Multimedia
- Languages and Literature
- Social Sciences
- Theology

School of Life and Health Sciences
- Health Sciences
- Life Sciences

School of Law
- Law
- Politics and Governance

Medical School
- Basic and Clinical Sciences
- Primary Care and Population Health

School of Sciences and Engineering
- Computer Science
- Engineering

School of Veterinary Medicine
- Veterinary Medicine

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What is Erasmus+?

◤ Erasmus+ is the EU's programme to support education, training, youth and sport in Europe.

◤ It has an estimated budget of €26.2 billion. This is nearly double the funding compared to its predecessor programme (2014-2020).

◤ The 2021-2027 programme places a strong focus on social inclusion, the green and digital transitions, and promoting young people's participation in democratic life.

◤ It supports priorities and activities set out in the European Education Area, Digital Education Action Plan and the European Skills Agenda. The programme also

- supports the European Pillar of Social Rights
- implements the EU Youth Strategy 2019-2027
- develops the European dimension in sport

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What is Erasmus+?

- Enable the academic partnerships among Universities worldwide.
- Facilitates the mobilities of teachers, students and administrators among partner institutions.
- Enable partners to further develop their programs, research and courses
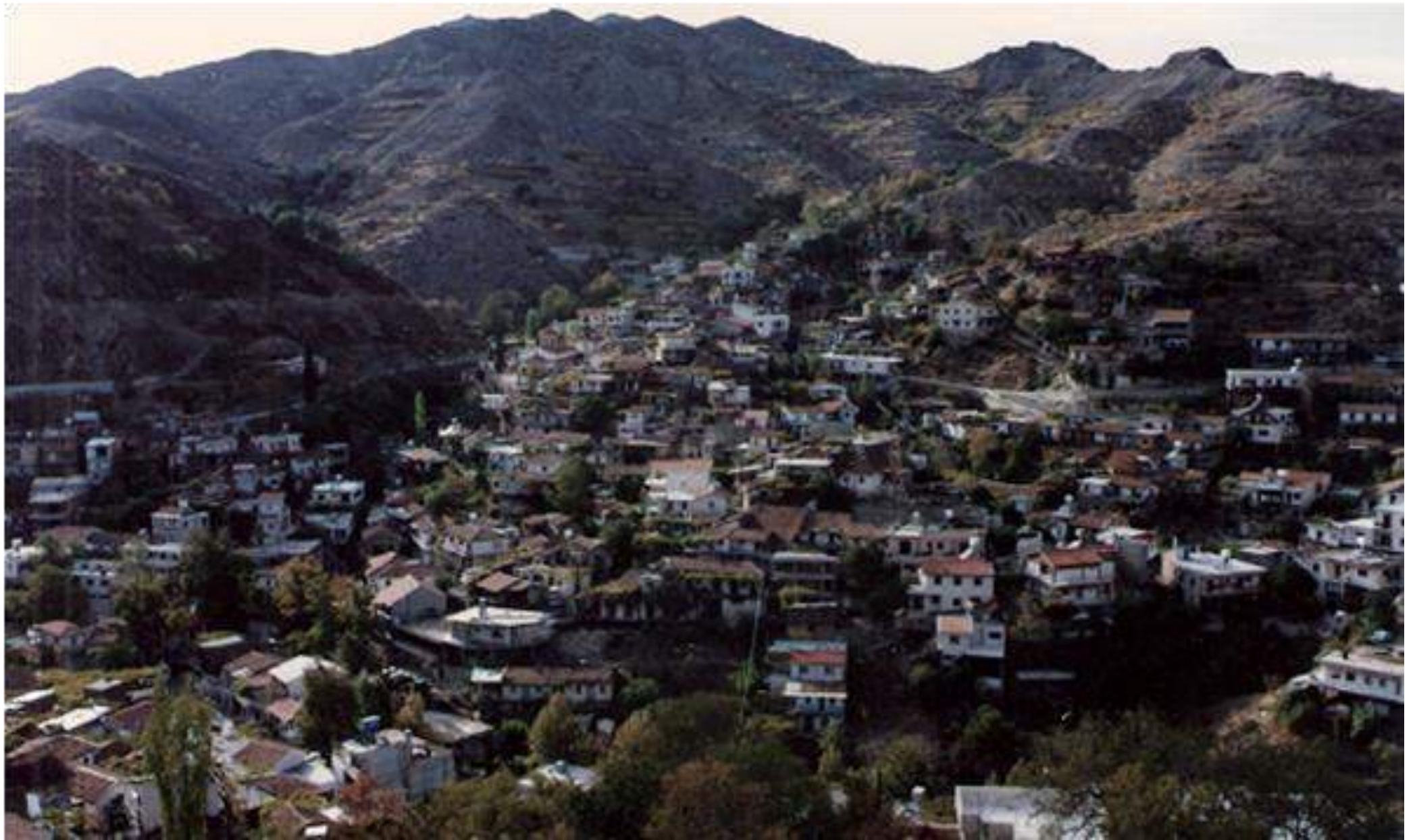- It can lead to joint programs and teaching.

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Research in the Context of the European Union

- The aim is that each member country allocates 3% to GDP on research (1 – 2% Public Sector and 1 -2 % private sector)

- Successful countries invest more than 3% of GDP on research and development.

- Research and innovation strategy 2020-2024

- New knowledge and breakthrough innovation will drive the green and digital transformations .

- They enable drive an effort to develop a sustainable and prosperous future for people and planet, based on solidarity and respect for shared European values.

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Helping deliver the Commission's 6 goals

- Environment and Climate
- Digital Future
- Jobs and Economy
- Protecting Citizens and Values
- Europe in the World
- Democracy and Rights

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The Brundtland Definition (1987)

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."
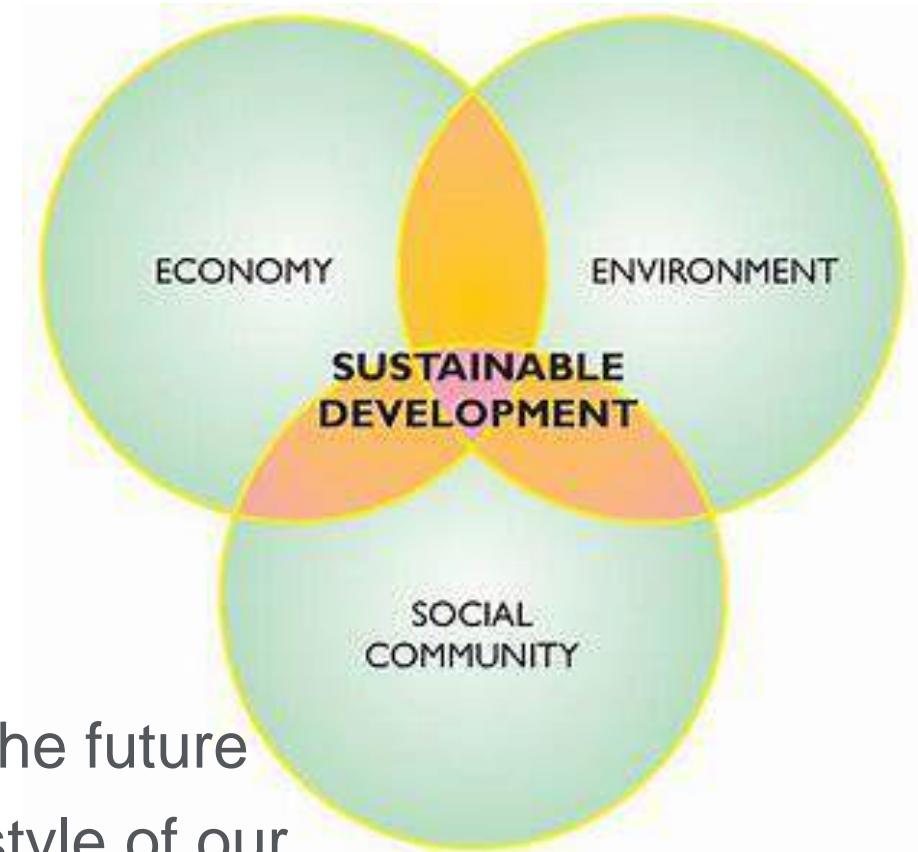
Definition – Sustainable Development

Economic growth model in combination with environmental protection

It should be based on the effective and environmentally responsible use of resources, whether **natural**, **human** or **economic**

It moves forward by looking backwards . Back to the future

The new model focusses on the practices and lifestyle of our ancestors.

BIC: Two minutes to understand sustainable development

https://www.youtube.com/watch?v=jfsWI8XgQyo

Millennium Development Goals (MDGs)

- Millennium Summit of the United Nations in 2000

- Adopted the United Nations Millennium Declaration

- 8 international development goals

- Deadline to be achieved: 2015

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Sustainable Development Goals SDGs

- United Nations General Assembly in 2015

- 2030 Agenda (for Sustainable Development)

- 17 international development goals

- Deadline to be achieved: 2030

Introduction to the 2030 Agenda: A New Agenda for a Sustainable World

2030 Agenda (for Sustainable Development)

- Plan

- Outlines how we can abolish poverty and transform the world into a peaceful, sustainable environment for all humans

- Works towards

   social inclusion,

   environmental protection

   sustainable economic growth

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A diagram listing the 17 Sustainable Development Goals

The Sustainable Development Goals – Action Towards 2030 | CAFOD and SDGs

https://www.youtube.com/watch?v=9-xdy1Jr2eg

EGEA – Enhancing Green Economy in 3 countries of Asia

Aims and Objectives (I)

The main goal of EGEA is to promote "green" economy and sustainable behavior at all levels of education in the three countries of Asia India, Nepal and Kyrgyz Republic emphasizing the role of HEIs as catalysts of change. Five closely areas related to the use of green economy have been chosen in order to address the specific project objectives:

◤ Development of modular programs that reinforces knowledge and practice on green economy to be integrated within existing or new programs in beneficiary HEIs.

◤ Enhancement of lifelong learning through professional blended courses oriented to adult education in green economy and related areas.

◤ Reinforcement of Public Affairs Departments and Marketing Units to facilitate the role HEIs as promotor of green behavior in local society

◤ Deployment of promotional campaigns and programs that fosters green behavior among schools and colleges.

◤ Application of sound management tools throughout the life of the project.

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Aims and Objectives (II)

EGEA aims to cover four important strands of modernization of HE, related to the priorities of both EHEA priorities and national/regional needs:

◤ Curricular development in green economy based on Bologna system and use of learning outcomes through multidisciplinary fields of study, all priority areas in all countries (law, business, economics-social sciences, management and environmental studies).

◤ Cooperation enterprise-university promoting green skills, green economy studies and increased role of universities as "green economy initiators"

◤ Development of new teaching and learning methodologies and support tools, including ICT-based practices for continuous education as a mean of sustainability of the project.

◤ Role of Universities as facilitators of "green economy and green behaviour" in education, schools and business sector
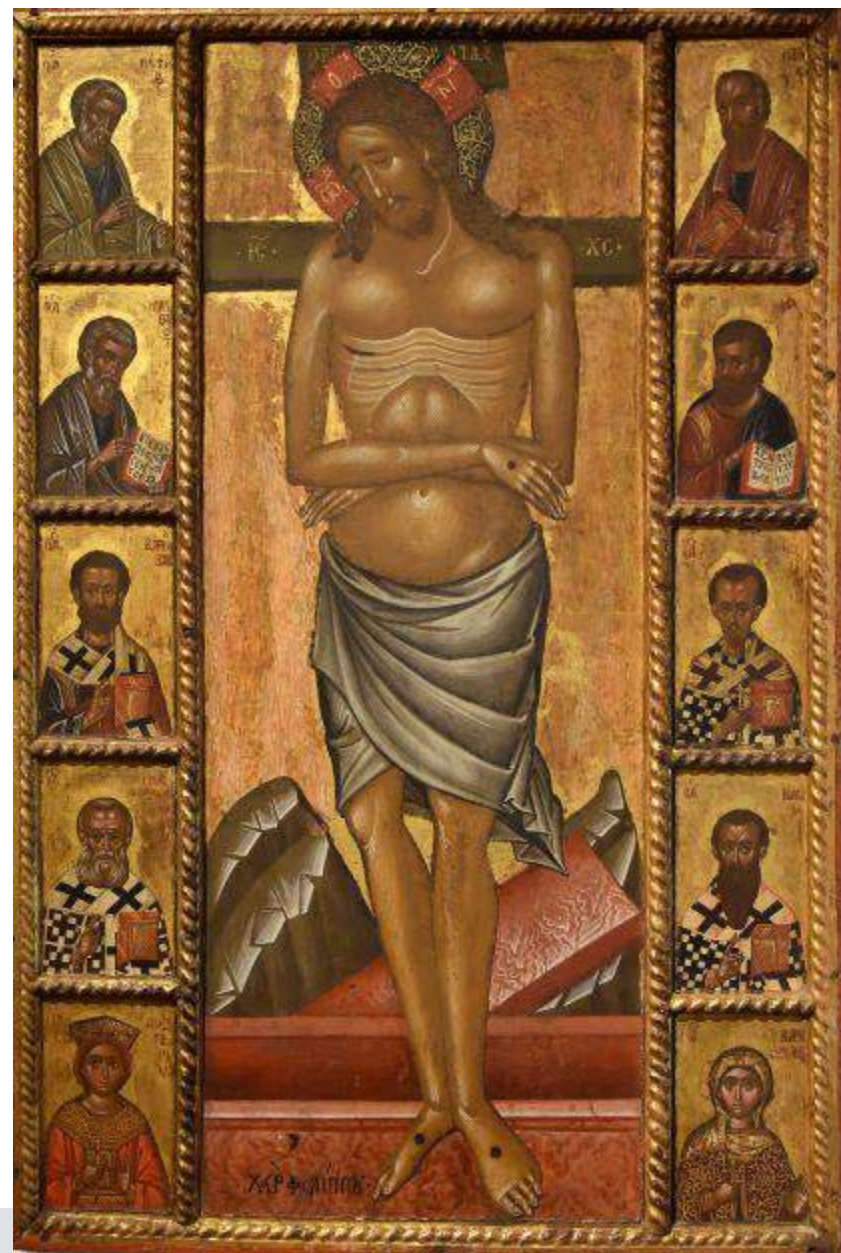
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Supporting the Professionalisation of Health Engineering studies and Related areas in Asia /SPHERA

◤ Improve the public health sector and response to emergency and disaster situations in Uzbekistan and Nepal by providing specialists in health engineering and related areas

◤ Developing and enhancing relationships between universities and professional stakeholders in the public sector

◤ Creating 4 modules in Health Engineering and related areas to be integrated in existing or new masters programmes that fit the 3 cycle structure, consist of 120 ECTS credits and have degree recognition in UZ and NP.

◤ Increasing capacities among universities to develop new curricula that fit the needs of the public health sector encompassing stakeholder needs surveys and "training engineering

◤ Strengthen relations between Asian and EU HEIs in the area of Public Health and Health Engineering through comparable degrees.

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University Network for Disaster Risk Reduction and management in Indian Ocean Rim / UN4DRR

- Enhance capacity in Disaster Risk Reduction And Management (DRRM) and in particular curriculum development focusing on exploitation of the latest Remote Sensing (RS) and Geographic Information Systems (GIS) technologies

- Modernize the courses related to Disaster Risk Reduction and Management integrating GIS/RS applications as part of the course content.

- The long-term effect will be to educate future experts for prevention and management of natural and human-made disasters (e.g. fires) in the Indian Ocean Rim supporting national and EU policies.

- The project encourages the cooperation with national authorities, public and private sector offering joint DRRM initiatives and access to short courses for use of GIS/RS via online/offline mode.

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GEOinformation Educational Resources for CLImate Change Management - GeoCLIC

◤ Identify core issues, challenges and opportunities in Climate Change

◤ Identify the main areas for disaster in Europe

◤ Develop courses focusing on the latest Remote Sensing (RS) and Geographic Information Systems (GIS) technologies

◤ Train students and long term unemployed young people with an emphasis on women on the following courses.

    a. Basis of Geoinformation Tools for Climate Change Management.

    b. Coastal Dynamics Management.

    c. Urban Monitoring.

    d. Smart Agriculture.

    e. Forest Conservation.

Steering Migration through Sustainable Development: Euro -Egyptian Program for Agriculture and Rural Development (DeVilag)

Aims and Objectives

◤ Identify the push factors for migration from rural communities

◤ Update the existing post- and undergraduate curricula to supply the market with graduates who can contribute to the implementation of the country's sustainable development vision and ensure sustainable rural development.

◤ Establish DeVilage Service Offices at the four Egyptian universities to provide technical support for farmers and the public and private sectors.

◤ Develop a capacity building program for faculty to address sustainable agriculture and rural development in the modified curricula.

◤ Develop Massive Open Online Courses (MOOCs) as Open Education Resources (OER) for spreading the knowledge and raising the awareness of different stakeholders.

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Europe for Citizens: Linking Local Democracy and Solidarity to E.U. Institutions for the Design of Resilient Energy Policies LINK-EU

LINK-EU is a European gathering of rural communities committed to the energy transition aiming at building a common vision of the future of rural energy to nurture EU policies. In turn, the events are made to foster European citizenship through dialogue and sharing of knowledge on European policies and institutions. LINK-EU is made of 5 events, each involving 60-70 participants.

- The main activities of the project are the organization of 5 events, which will involve:
- Local elected officials, to share experiences on local energy strategy/actions and participative democratic processes;
- Citizens/Civil society organizations to reflect upon citizens' participation
- Experts/Academics to enrich the discussions with scientific analysis and social and technological innovations
- EU decision-makers, to discuss on how rural energy can be better supported by National and EU policies

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Thank you for your patience & understanding

I am at your disposal for any questions you may have

Actually if you have any questions keep them to yourselves unless you want to expose our collective ignorance !!!

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