

# ITforest Erasmus Intensive Programme

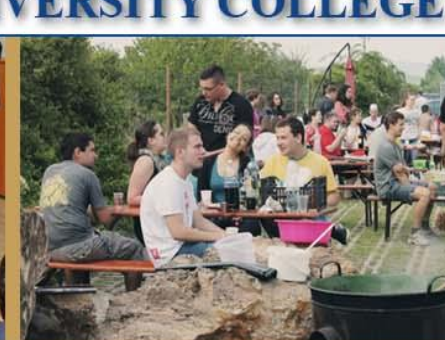
*SHAPING THE FUTURE  
WITH KNOWLEDGE*



**GYÖNGYÖS  
HUNGARY**



**KÁROLY RÓBERT  
UNIVERSITY COLLEGE**



2014.07.14.



# Overview of the Presentation

About Hungary

*Gergely Visnyovszky*

Rural Development in Hungary

*Evelin Fésűs*

Introduction of "Agrotechnical engineering &  
Environmental management,,

*Gabriella Nagy*

KR Eco-Club

*Attila Viktor Gál*



# About Hungary

*Gergely Visnyovszky*





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# North East Region

- The most underdeveloped region in the EU
- Many natural resources: forests, huge biodiversity,
- Famous tourism places
- Good education



# Károly Róbert University College

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- KRF is located Gyöngyös
- The main profile was agricultural but nowadays is the main profile rural development, environmental management, tourism and business



# Life in the college

- Mátra-vidék club (local student club what interesting in tourism and rural development)
- Local Red Cross Organization („blood donate”)
- Wine club (the most popular club)
- Eco club ( interest in education and innovation)
- Medicine and herbs club
- Student government (organise student night, protect the interest of student)







## *Life in the college*





# Rural Development in Hungary

*Evelin Fésűs*



# Agricultural fields of study in Károly Róbert University College

- Agricultural Engineering in Agribusiness and Rural Development
- Horticultural Engineering
- Agricultural Engineering in Environmental Management
- Agricultural Engineering
- Engineer of Viticulture and Oenology







# Tass-puszta Research Institute

## **Research objectives of the Center are:**

- to establish sustainable development in the region,
- to provide the genetic basis of plants suitable for growing under the ecological conditions of the area
- to develop the foundations of an environmentally sound farming

## **The Center's activities also embrace:**

- the dissemination of knowledge and experience in the area of ecological farming
- agricultural recycling of by-products
- research into renewable energies

# Tass-puszta Research Institute

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# Biomass Heating Plant

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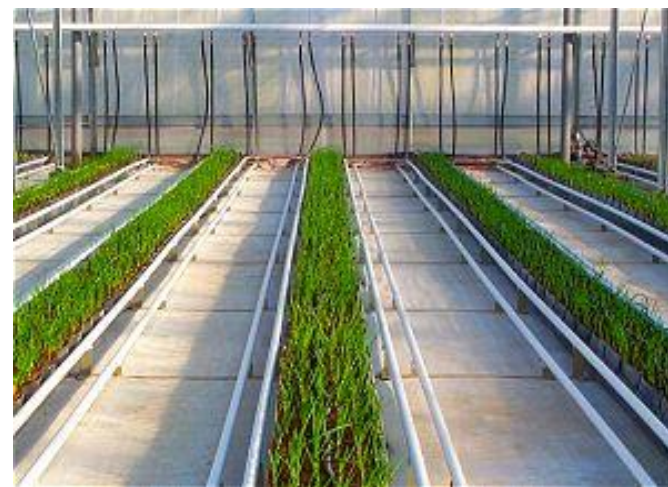
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# Lab, Paprika production

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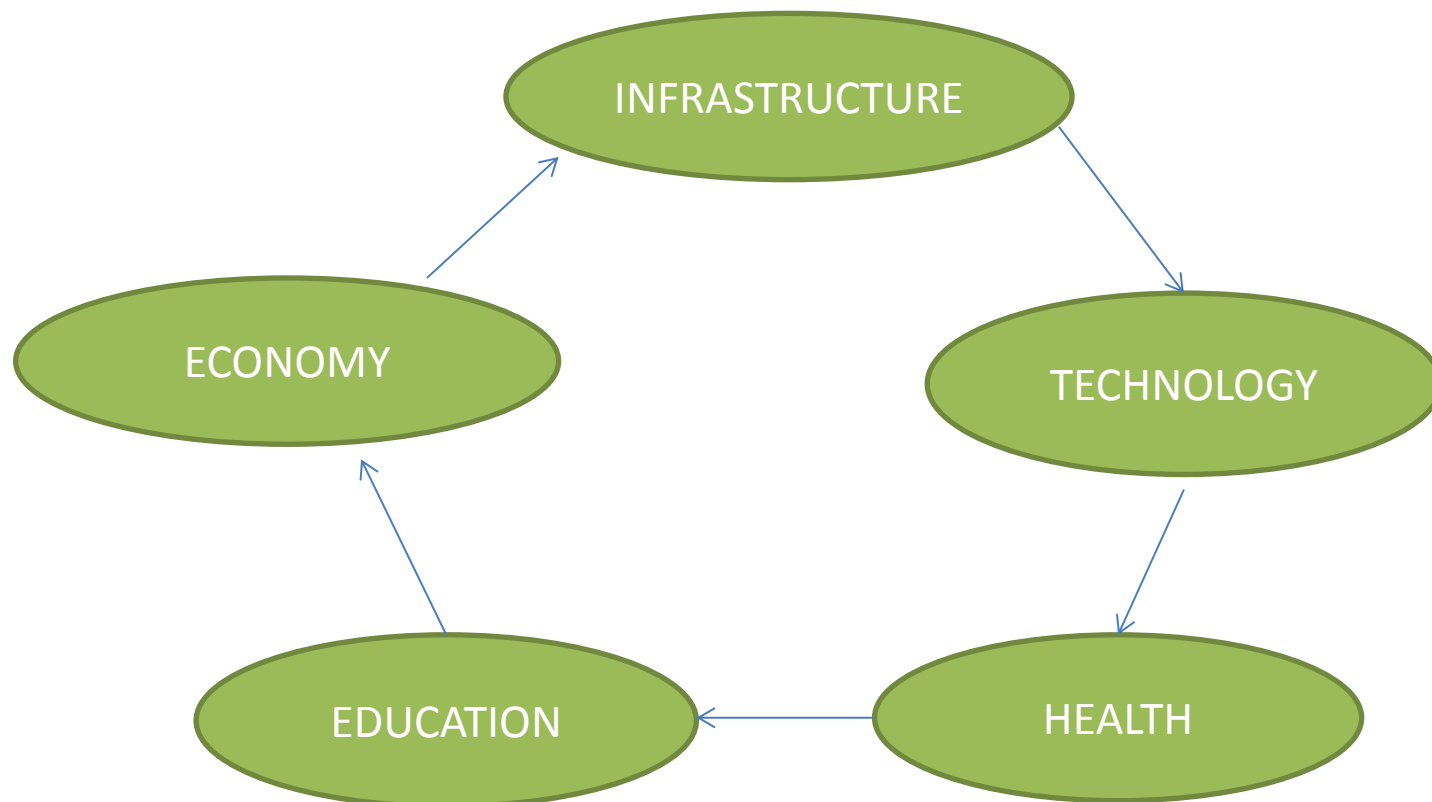


# What does rural development mean?

*Rural development is all about bringing change among rural community from the traditional way of living to progressive way of living. It is also expressed as a movement for progress.*



# Dev. In rural area can bring:



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# Objectives of Rural Development

1. To develop farm, public service and village community.
2. To bring improvement in producing of crops and animals living condition.
3. To improve health and education condition etc. Improvement of the rural people.
4. To improve villagers with their own efforts.
5. To improve village communication.







# Main Objectives

TO BUILD

Infrastructure- Oublic Service-Communication

TO IMPROVE

Health- Education- Living condition

TO GENERATE

Employment- Farm&storage-Economical activities



# Problems in Rural Development

1. People related
2. Agricultural related problems
3. Infrastructure related problems
4. Economic problems
5. Social and Cultural problems
6. Leadership related problems
7. Administrative problems





# Introduction of „Agrotechnical engineering & Environmental management”

*Gabriella Nagy*

# Agricultural engineering & Environmental management

- The profile is focused on the renewable energy resources
- These types of fuels are getting very well-known.





- The basic knowledge about agronomy is got in the I. and the II. semester
- Subjects: botany, zoology, pest control („plant-protecting”),
- Maths, physics, economy, and environmental politics



- Our college puts a great emphasis on exercise
- Erdőtelek is a park with several kind of special species of trees, which are also grown for sale.





- We always have organized excursions to several places. Our last was the visiting of the hydroelectric station of Tiszalök





# KR Eco-Club

*Attila Viktor Gál*





# KR Eco-Club



- The Gyöngyös Eco-Club was founded in July 3<sup>rd</sup> 2007.
- Currently, there are four board members for example me.
- In addition, a lot of teachers help professional skills.



- Our purpose is to acquaint students with the current environmental and conservation issues to draw attention to the need for environmental awareness.
- So the club is aimed at students who demand professional practice immersion in the environment and nature protection.



# RESULTS

- We visited nearby schools and give lectures that they protect the environment.
- We order a lot of environmental awareness competition for secondary schools.
- We organized different tours for example Kisköre Hydroelectric Station.





# FINALLY

## Beer Collector:

- It works with a solar collector in it.
- It is environmentally sound.
- The kernel of beer collector is that it exhausts the cold air and after that it blows indoors the warmed air.



# Thank for your attention!

