



# Integrating climate change adaptation into the education of students

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# Forestry, Wood Technology and Nursing School in Postojna

SCHOOL  
[www.sglzs.si](http://www.sglzs.si)

DORMITORY

HOSTEL [www.proteus.sglzs.si](http://www.proteus.sglzs.si)

- secondary vocational school
- adult education
- 400 students and 100 employees
- different projects
- **SPECIAL PROGRAMS**
  - Unaccompanied young migrants
  - Ukrainian orphanage

Our school has had **a long tradition** in the field of education. We have educated students in forestry for more than **sixty years** and in wood technology for more than twenty-five years.



# Forestry, Wood Technology and Nursing School in Postojna

## All programmes consist of:

- ✓ general knowledge subjects,
- ✓ professional theoretical subjects,
- ✓ practical education in specialized classrooms or in forest,
- ✓ workshop, hospital or nursing home practice
- ✓ practical on-the-job training.

the 4-year programme  
Practical Nurse (Nursing)

the 3-year programme Nursing  
Assistant (Nursing)

the 4-year programme Forestry  
Technician (Forestry)

the 3-year programme Forester  
(Forestry)

the 3-year programme  
Carpenter (Wood Technology)

# Subjects connected with environmental education

## Professional subjects:

- ✓ Cultivation and protection of forests
- ✓ Forest management
- ✓ Arranging a forested landscape
- ✓ Sustainable development

## Open curriculum:

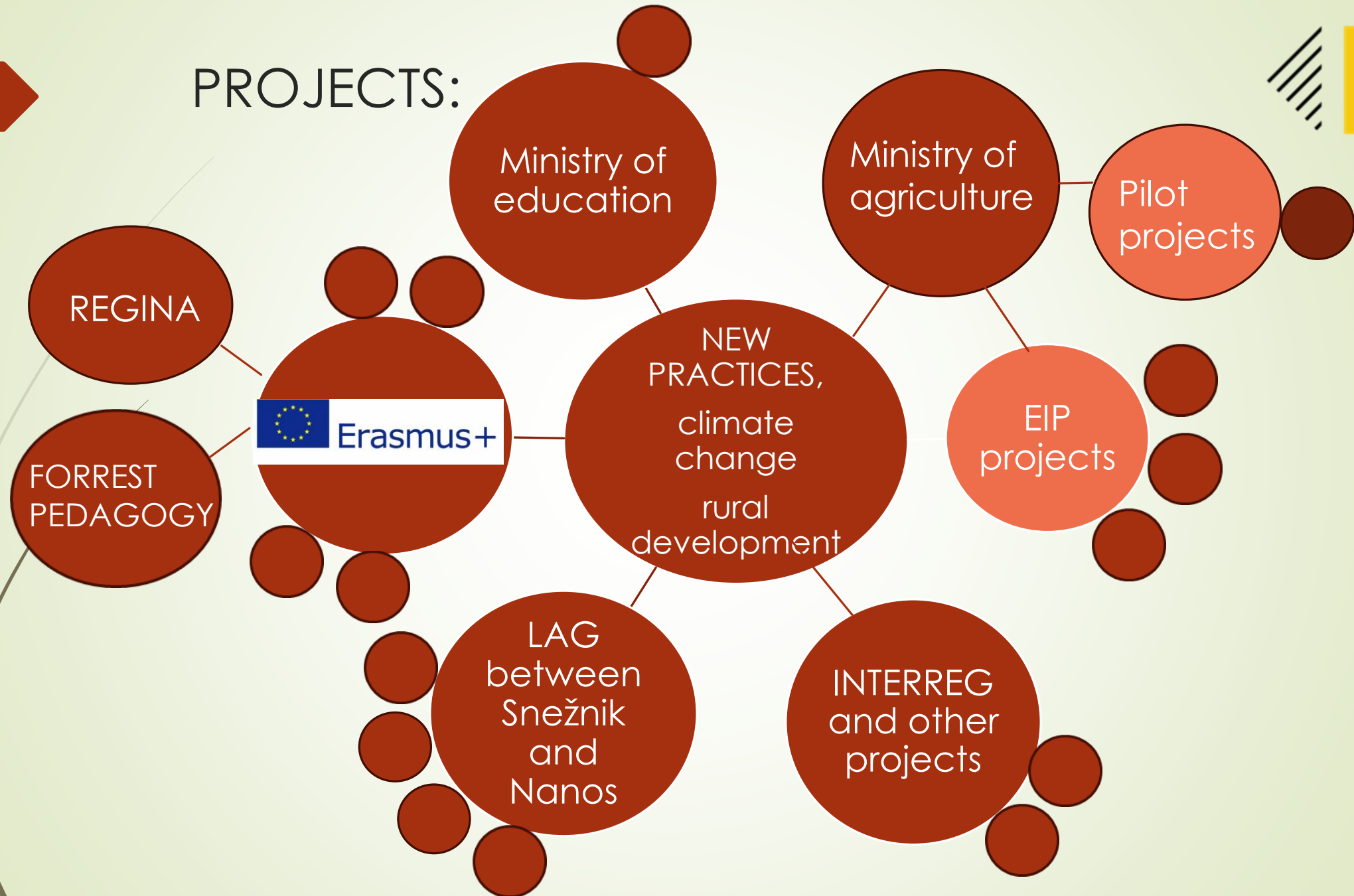
- ✓ The human and nature
- ✓ Landscape pedagogy
- ✓ Ecology of the forest area
- ✓ Wood technology and economics



# TEACHING METHODOLOGY and LEARNING APPROACHES used

- Lectures –frontal teaching,
- field trips,
- practice-oriented teaching elements are widely used by the teachers,
- face-to-face work,
- cooperative group work,
- project work (and working within the projects,
- problem based learning.
- Hands-on learning,
- multidisciplinary Approach
- problem-solving approach and knowledge acquisition,
- collaboration,
- seminars.

# PROJECTS:





- **Hedgerows** as support for biotic diversity, the preservation of the traditional and disappearing cultural pattern of the Slovenian countryside and the provision of ecosystem services
- **Fruitful forest edge** as a support for preserving the species diversity of the forest in the function of providing ecosystem services
- Conservation of hiding places and habitats of **supporting organisms** to ensure species diversity, ecosystem services, protection of natural resources and improvement of the potential of agricultural land, in the light of adaptation to upcoming climate change.







SGLZŠ  
POSTOJNA



- ▶ Piloting wood harvesting with an improved mobile forestry cable car and innovating a new way of manufacturing wooden structures from less valuable wood.





Erasmus+



- KA220 **REGINA** (emphasis: AGROFORESTRY, SOIL PROTECTION)
- KA210: **FORREST PEDAGOGY**, + 2 projects connencted with nursery and library





## LAG between Snežnik in Nanos projects



- With nature to new products and services
- Apitherapy



# Conclusion

- Adaptation to climate change should be included in lessons.



- The school should monitor the innovations and respond to challenges.
- Teaching through projects is welcome.

