BIOPROFILES

Practical environmental education at school targeting local community issues and SDGs goals

Erasmus+

The project

TARGET: Teachers and students from 10-16 years old.

- **Supporting teachers' professional development and skills** in active use and implementation of environmental topics into teaching.
- **Providing innovative teaching materials.**
- **Integrating practical environmental concepts into teaching process.**
- **Delivering high quality teaching by adopting new pupil-centred methods** for increasing teachers' and pupils' environmental awareness through monitoring of local environment and to reinforce the link between global issues and SDGs.

Seven topics

AIR
ENERGY
WATER
NATURAL AND CULTURAL HERITAAGE
WASTE
BIODIVERSITY
HUMAN ENVIRONMENT
BIOPROFILES
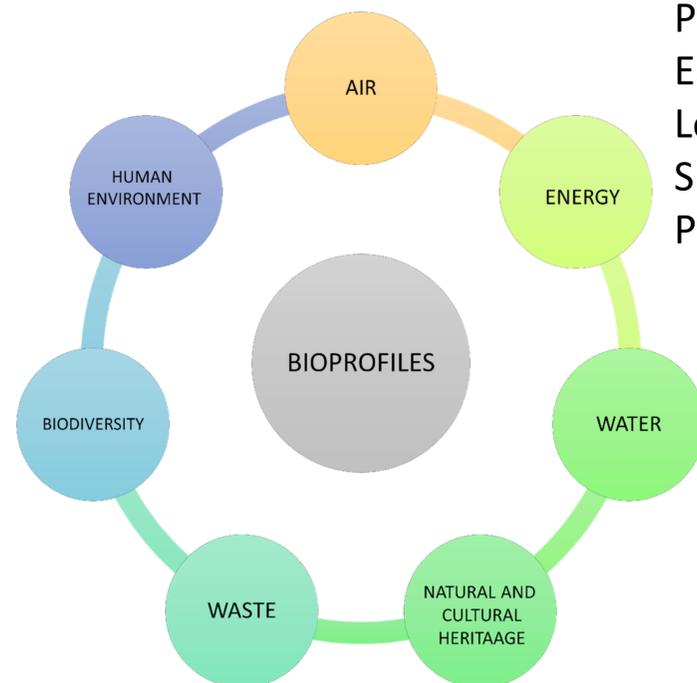
Characteristics

Practical and outdoor
Easy implementation
Local issues
SDGs
Promote proactive behavior

Outcomes

1. **Training course** program for teachers
2. **Environmental Minimum** (essential materials for practical environmental education
3. **Indicator books** practical activities for studying quality of local environment (bioprofiles)
4. **Collection of Bioprofiles** examples of practical application of bioprofiles at schools

www.teachinggreen.eu

Teachers' International training Course
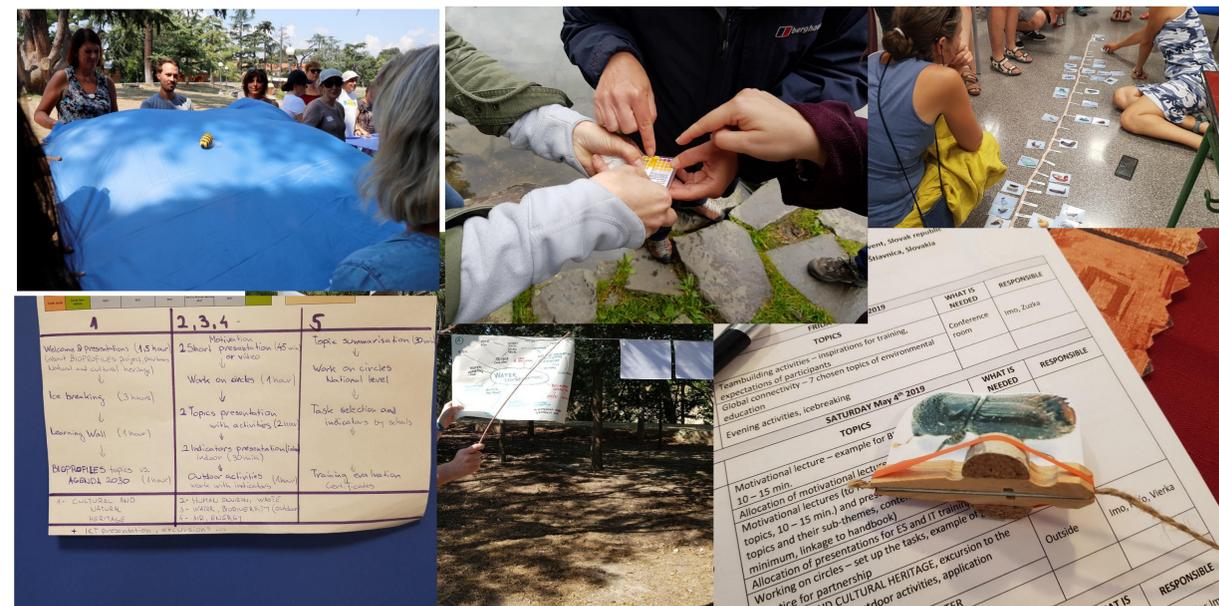
Bioprofiles indicator at school (Acidity of rain)

Pre-post questionnaire (Acidity of rain)

Students' self evaluation of theri knowledge about Acidity of Rain

Pre-activity
Post-activity
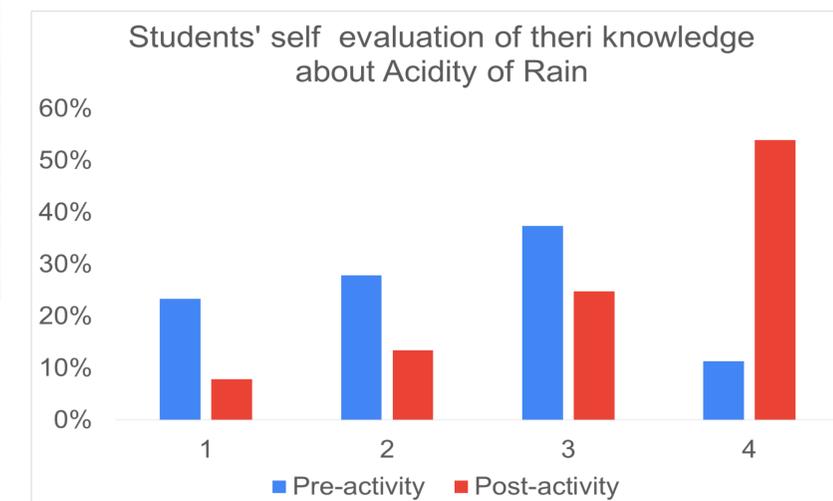
78% answered correctly to a question on acidity of rain during post questionnaire

Massetti L.[1], Kahan J.[2], Jakab I.[3], Zemko M.[2], Sykorova J.[4], Lopez Giraldo JD.[5], Staples-Rolfe R.[6], Ugolini F.[1], Pecci A.[7], Finato B.[8], Bagnoli C.[8], Papini P.[9], Castellano D.[10], Kovacova A.[4]

1. Institute of Bioeconomy - National Research Council (IBE-CNR), Italy. 2. Strom Zivota Slovakia. 3 Constantine the Philosopher University in Nitra Slovakia. 4 INAK Slovakia. 5 VITA XXI Spain. 6 Learning through Landscapes (LtL) UK. 7 Scuola Media "Pio X Artigianelli" - Firenze Italy. 8 Istituto Comprensivo Statale "F. Sacchetti" - San Miniato Italy. 9 Istituto Comprensivo Statale "A. Frank – Carradori" - Pistoia Italy. 10 Istituto Comprensivo Statale "Don Angeli" - Livorno Italy.