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HEALTHY SOILS FOR HEALTHY CITIES
5 DECEMBER 2025

A DAY IN THE LIFE OF SOIL

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WORKSHOP: WORLD SOIL DAY, POZNAN UNIVERSITY OF LIFE SCIENCES

DECEMBER 9, 2025

Project "EU partnership to protect agricultural land in the face of climate and environmental challenges. Caring for future generations" (ProLand), Program Erasmus+ KA220-HED - Cooperation partnerships in higher education (2024-1-PL01-KA220-HED-000252809)

This day:

*„EU partnership to protect agricultural land in the face of climate and environmental challenges. **Caring for future generations**”*

(ProLand) Program Erasmus+ KA220-HED - Cooperation partnerships in higher education
(2024-1-PL01-KA220-HED-000252809)

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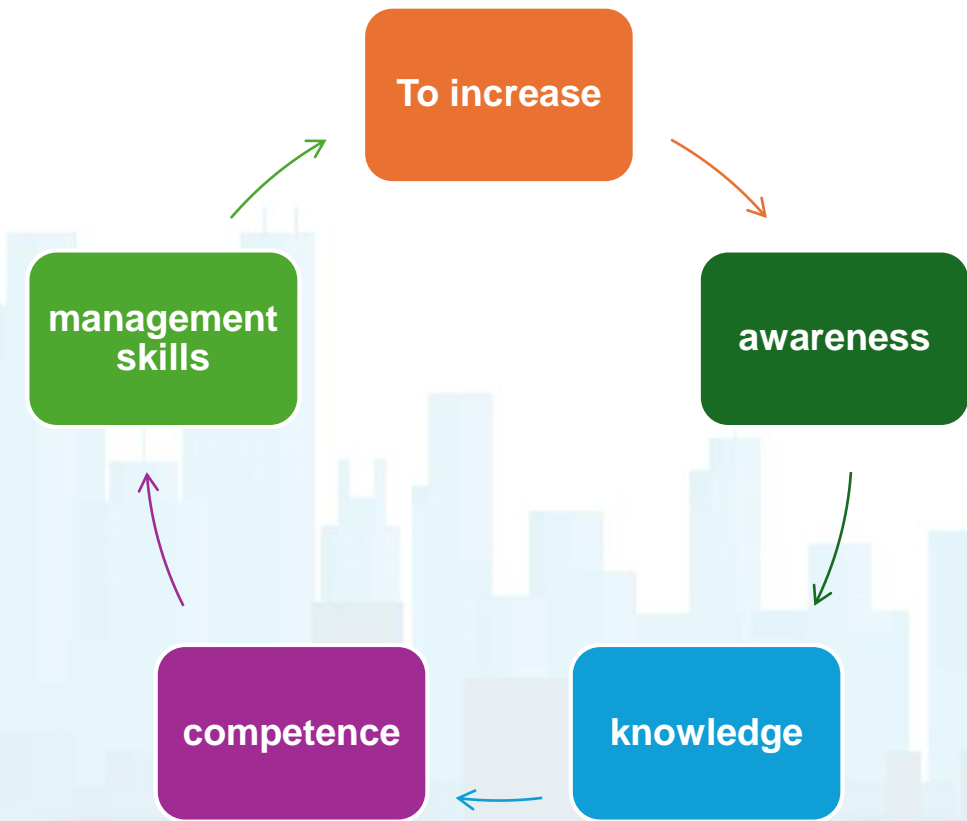
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Its goal is to gain knowledge about legal measures introduced to protect agricultural land by conducting a new interdisciplinary educational module among master's students on “quantitative and qualitative protection of agricultural land” in the face of

environmental and climate challenges

....stimulating social awareness and responsibility.

The effects of climate change on agriculture

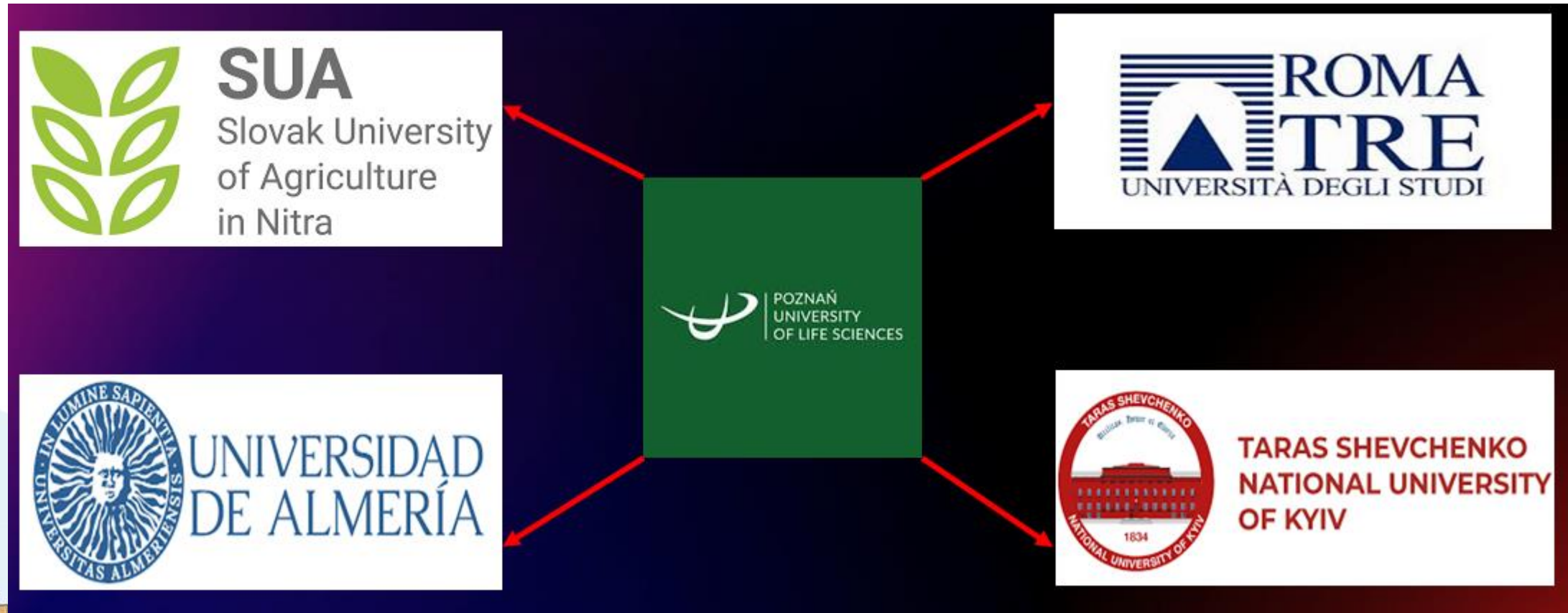


Our activities:

- preparation and conduct of educational module for Summer School (Rome, Poznan);
- preparation of master theses;
- conducting training sessions for teachers;
- creation of a virtual platform, a living laboratory for agricultural land conservation (LiLAC) and a related smartphone application;
- preparation of educational materials and dissemination of project issues;
- organization of dissemination events.



We are not alone in the soil....



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World Soil Day (WSD) 5 December

To raise global awareness about the role soils play in **agricultural development, ecosystem functions and food security.**

Endorsed by the Food and Agriculture Organization of the United Nations (FAO) and the United Nations (UN) General Assembly in **2014.**



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The objectives of the campaign on soils are to:

- inform, educate, and engage both followers and the public on the importance of soils;
- raise awareness on how we all rely on healthy soils;
- show how sustainable soil management practices are crucial for the health of ecosystems and human well-being;
- call on governments, the private sector and the public to safeguard soils.



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Did you know?

- **95%** of our food comes from soils.
- **33%** of soils are degraded.
- It can take up to **1 000 years** to produce just **2-3 cm** of soil.
- Soils supply **15 of the 18** naturally occurring chemical elements essential to plants.
- There are more living organisms in a **tablespoon** of soil than people on Earth.
- **2 billion** people worldwide suffer from lack of micronutrients, known as hidden hunger.
- Up to **58%** more food could be produced through sustainable soil management.
- Soil is home to nearly **59%** of Earth's species.





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THE WSD THEME SPOTLIGHTED A CRITICAL SOIL ISSUE:

2015 on ***Healthy Soils for a Healthy Life,***

2016 on ***Soils & Pulses: Symbiosis for Life,***

2017 on ***Caring for the Soils Starts from the Ground,***

2018 on ***Be the Solution to Soil Pollution,***

2019 on ***Stop Soil Erosion, Save Our Future,***

2020 on ***Keep Soil Alive, Protect Soil Biodiversity,***

2021 on ***Halt Soil Salinization, Boost Soil Productivity,***

2022 on ***Soil, Where Food Begins,***

2023 on ***Soil and Water, a Source of Life,***

2024 on ***Caring for Soils: Measure, Monitor, Manage,***

2025 on ***Healthy soils for healthy cities.***

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★ FAO FEATURE STORY

Healthy soils for more resilient and greener cities

How soils are shaping our cities today and tomorrow



Four important ways soils and cities are connected:

- 1. Soils provide food for urban and peri-urban population;**
- 2. Soils can reduce pollution, extreme weather events and temperatures in cities;**
- 3. Soils help boost human health and well-being;**
- 4. Soil health is a good driver for better city waste management.**



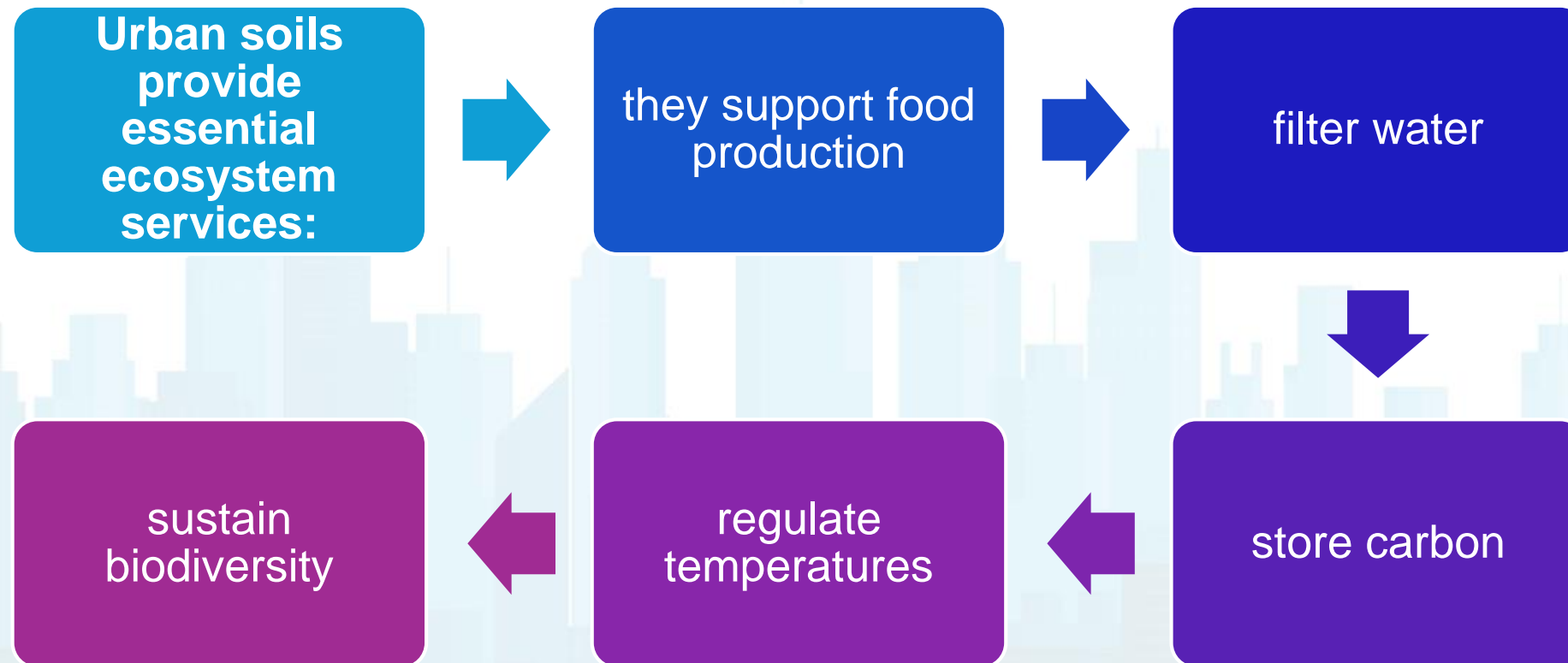
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“Healthy soils for healthy cities”

focuses on the role of soils in cities and the challenges posed by soil sealing and urbanization.



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World Soil Day

📍 NITRA (SLOVENSKO), 08/12/2025 - 08/12/2025

8:00 Soil Health and Sustainable Agriculture: The Key to Our Future (professor JUDr. Lucia Palsova, PhD.) 9:30 Soil as a Living System: Understanding Its Functions and Value (prof. JUDr. Anna Bandlerova, PhD.) 11:00 Soil Challenge: Quiz & Hands-on Activities for Future Agronomists 13:00 Discussion: Current Threats to Soil and Their Global Impacts

WORLD SOIL DAY at PULS #ProLand#Erasmus+

📍 POZNAŃ (POLSKA), 08/12/2025 - 08/12/2025

The workshops are organized as part of the “EU partnership to protect agricultural land in the face of climate and environmental challenges. Caring for future generations” (ProLand) project, Program Erasmus+, project KA220-HED - Cooperation partnerships in higher education (2024-1-PL01-KA220-HED-000252809). It aims to increase awareness, knowledge, competence and develop management skills in th...



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Healthy Soil, Healthy Life: Learn, Act, Sustain.

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MOJE ŚRODOWISKO, MOJA PRZYSZŁOŚĆ



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THANK YOU

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