

The image shows the front facade of a grand, classical-style building, identified as the University of Agriculture in Kraków. The building features a prominent portico with four tall, white, fluted columns supporting a heavy entablature. The pediment above the columns is triangular and contains a central circular window with a decorative frame. The name 'UNIWERSYTET PRZYRODNICZY' is inscribed in gold letters on the frieze of the entablature. The building's facade is light-colored, and the windows are multi-paned with dark frames. The sky is a clear, bright blue with some wispy clouds. The overall appearance is that of a well-maintained, historic academic institution.

UNIWERSYTET PRZYRODNICZY





WROCLAW UNIVERSITY  
OF ENVIRONMENTAL  
AND LIFE SCIENCES

*It's in our nature*

[upwr.edu.pl/en](http://upwr.edu.pl/en)

UNIwersytet Przyrodniczy





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# Wrocław

It is a fast-growing city in southwestern Poland.  
It boasts over 300 years of academic tradition.





Wrocław

# Academic city

- **825 000** citizens  
(and approx. 200 000 Ukrainians)
- **107 000** students
- **8 000** international students
- **11** public universities

Universities in Wrocław rank high in university rankings and present a broad and diverse offer of higher education. The city, which has over a thousand years of history, charms with its original architecture and attracts with its mild climate and rich cultural offer.



# It's in our nature

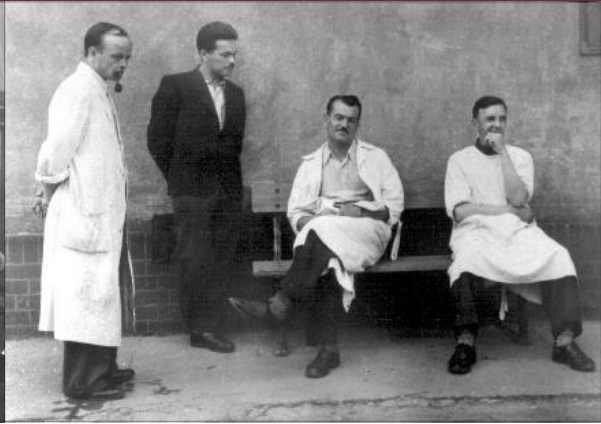


We're one of the best specialised universities in Poland. We educate and conduct research in the fields of **agricultural sciences, engineering and technology, and nature and social sciences.**

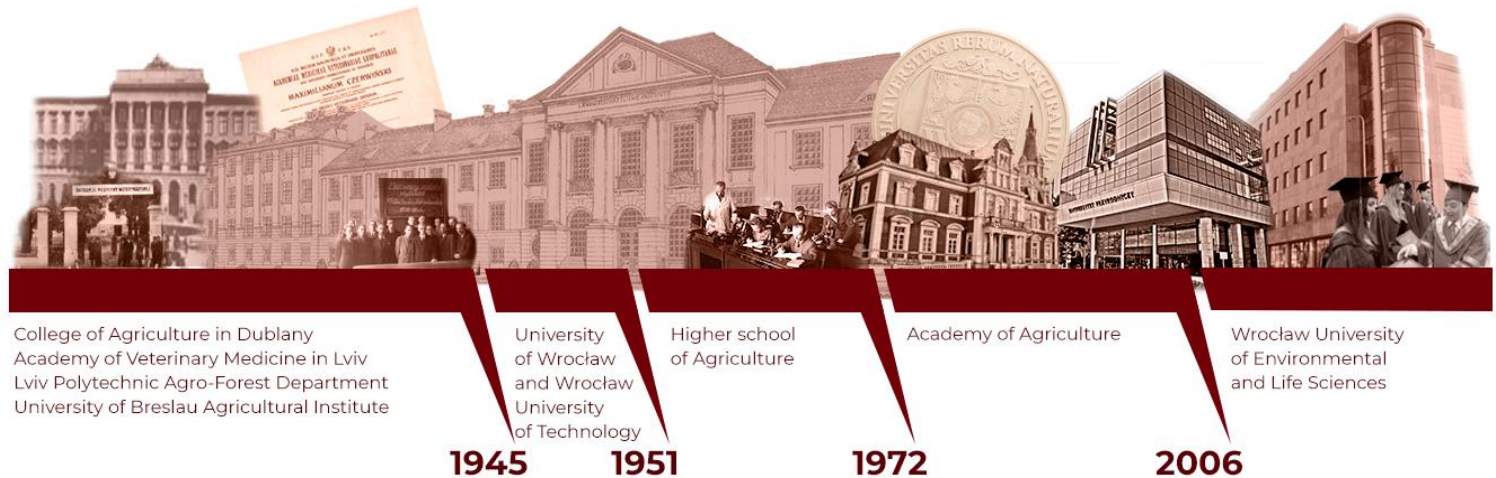
For several years now, the university has been listed in the international Shanghai Ranking in the category of top universities in the fields of: **Food Science & Technology, Veterinary Science. Moreover, Veterinary Medicine, Food Science, and Geodesy and Cartography, as well as Animal Husbandry, have once again been recognized as the best degree programs** by the "Perspektywy" ranking.



# Over 70 years of history



The history of the Wrocław University of Environmental and Life Sciences goes all the way back to the traditions of Lviv universities. In 1951, the university, then named the Higher School of Agriculture, was created from faculties separated from the University of Wrocław the Wrocław University of Science and Technology. In 1972 it was renamed as the Agricultural University of Wrocław and then Wrocław University of Environmental and Life Sciences in 2006.





Established in **1951**



UNIWERSYTET  
PRZYRODNICZY  
WE WROCŁAWIU

THE PRESTIGIOUS **HR  
EXCELLENCE IN RESEARCH  
AWARD** AWARDED BY THE  
EUROPEAN COMMISSION



**29**   
DEGREE PROGRAMMES

**6**   
FACULTIES

**738**  
ACADEMIC  
TEACHERS



**274**  
PROFESSORS  
AND PHDS

EUROPEAN UNIVERSITY

**EU**  **GREEN**



**9** LEADING  
SCIENTIFIC  
DISCIPLINES

**46**  
STUDENT  
SCIENCE CLUBS



**6** DORMITORIES  **2** CAMPUSES

**6500**  
STUDENTS

**8**  
INSTITUTES



**17**  
LEADING RESEARCH  
GROUPS



ONE OF THE LEADING BENEFICIARIES  
OF **THE HORIZON 2020 AND EUROPE  
PROGRAMME** IN THE LOWER SILESIA  
REGION



**32**  
DEPARTMENTS



# UPWr ranked



## Perspektywy 2023

Ranking of Agricultural Universities

– **1st place**

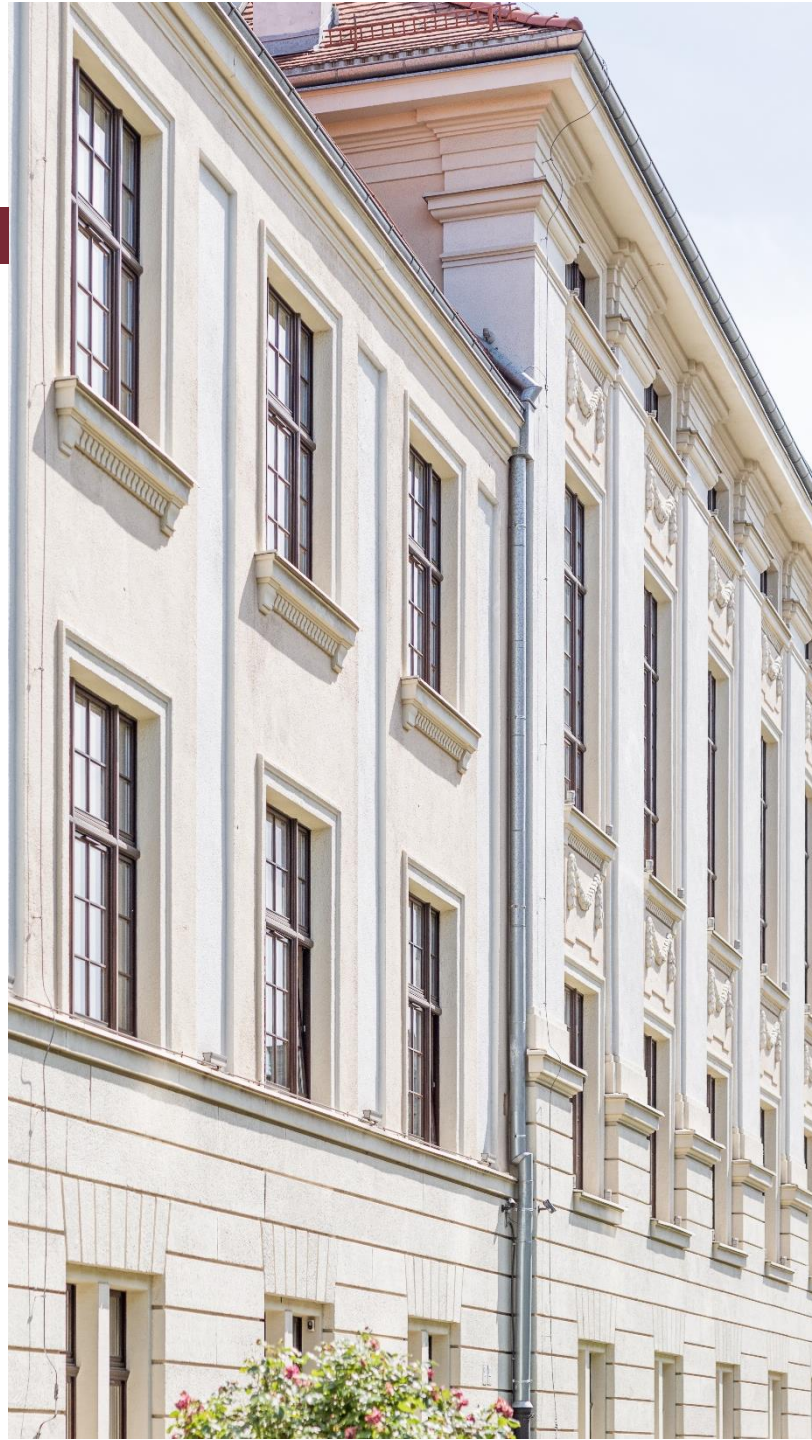
Ranking of Academic Universities

– **30th place**

Degree Programme ranking:

– **2nd place:** Food Science, and Veterinary Medicine

– **3rd place:** Geodesy and Cartography, and Animal Husbandry



## THE WUR by Subject 2023

Overall **1492**.

Life Sciences **996**.

Engineering & Technology **1396**.

Physical Sciences **1358**.

Social Sciences **797**



## ShanghaiRanking's GRAS 2023

Food Science and Technology

– **199th place, 1st in Poland**

Veterinary Sciences

– **197th place, 3rd in Poland**

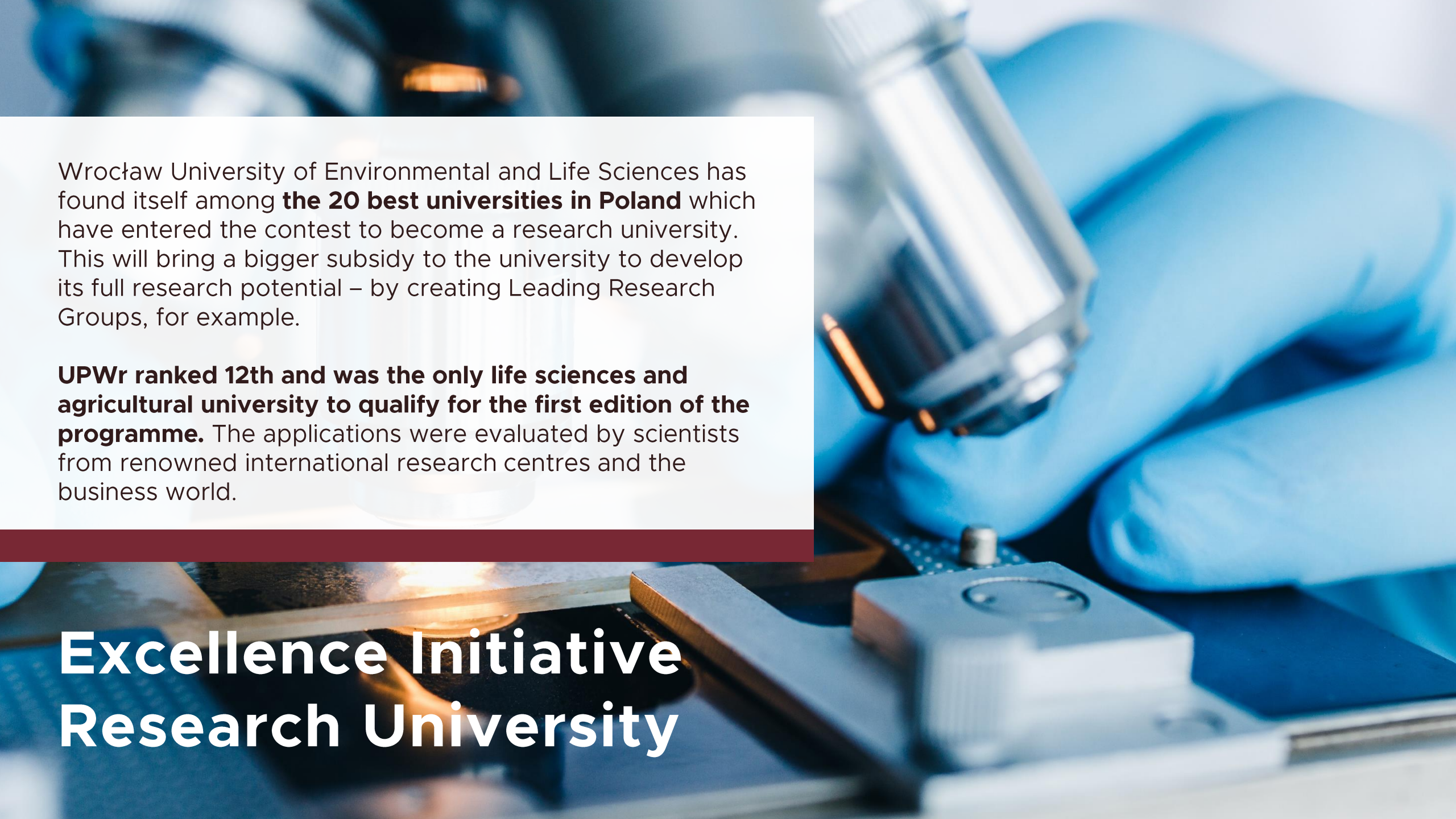


## QS by Subject 2024

Agriculture & Forestry

– **351-400th place, 5th in Poland**





Wrocław University of Environmental and Life Sciences has found itself among **the 20 best universities in Poland** which have entered the contest to become a research university. This will bring a bigger subsidy to the university to develop its full research potential – by creating Leading Research Groups, for example.

**UPWr ranked 12th and was the only life sciences and agricultural university to qualify for the first edition of the programme.** The applications were evaluated by scientists from renowned international research centres and the business world.

**Excellence Initiative  
Research University**



## Goals

- Strengthening and supporting Leading Research Groups
- Continuing partnerships between UPWr and leading scientific institutions, as well as the business sector
- Developing the UPWr Doctoral School
- Creating the UPWr Staff Academy initiative
- Improving the quality of university management through introducing organizational changes, bearing in mind the need to raise the international importance of the university's work
- Identifying and systematically supporting student science clubs, and the most talented students
- Developing partnerships with the business sector in Poland and abroad







# Three pillars of scientific excellence



Strengthening **international relations** and increasing **the Leading Research Groups'** influence



Improving **the quality of education** and professional development



Increasing **the operational excellence** of the university's administration





VETERINARY  
SCIENCE



FOOD SCIENCE



ENVIRONMENTAL  
SCIENCE

**Priority research areas**



# Scientific and academic potential

17



Leading  
Research Groups

160



PhD students at the  
UPWr Doctoral School

The UPWr's mission is to promote scientific excellence which will lead to **the implementation of the global sustainable development goals**. The tools we use to enforce this mission are: international partnerships, ground-breaking research, and aligning with the economy's strategic goals.





# Leading Research Groups



LANDSCAPE  
ARCHITECTURE



INNOVATIVE VETERINARY  
DIAGNOSTICS AND THERAPIES



WASTE AND BIOMASS  
VALORIZATION TEAM



BIOCATALYSIS AND  
BIOLOGICAL ACTIVITY



SMART AND MODERN  
TECHNOLOGIES IN  
AGRICULTURE



SUSTAINABLE CITIES  
AND REGIONS



BIODIVERSITY AND SUSTAINABLE  
DEVELOPMENT IN AGRICULTURE  
AND HORTICULTURE



VETERINARY ONCOLOGY



ANIMAL HUSBANDRY  
OF THE FUTURE



BIOTECHNOLOGY FOR LIFE  
AND INDUSTRY



AGRICULTURE  
ENVIRONMENT  
NATURAL RECOURCES



FUNCTIONAL FOODS  
OF PLANT ORIGIN



POULTRY FARMING  
– FROM FIELD TO TABLE



WATER  
CLIMATE  
ENVIRONMENT



FOOD AND HEALTH



THE BIOSTATISTIC GROUP



SPACE AND CLOSE  
EARTH OBSERVATION SCIENCES

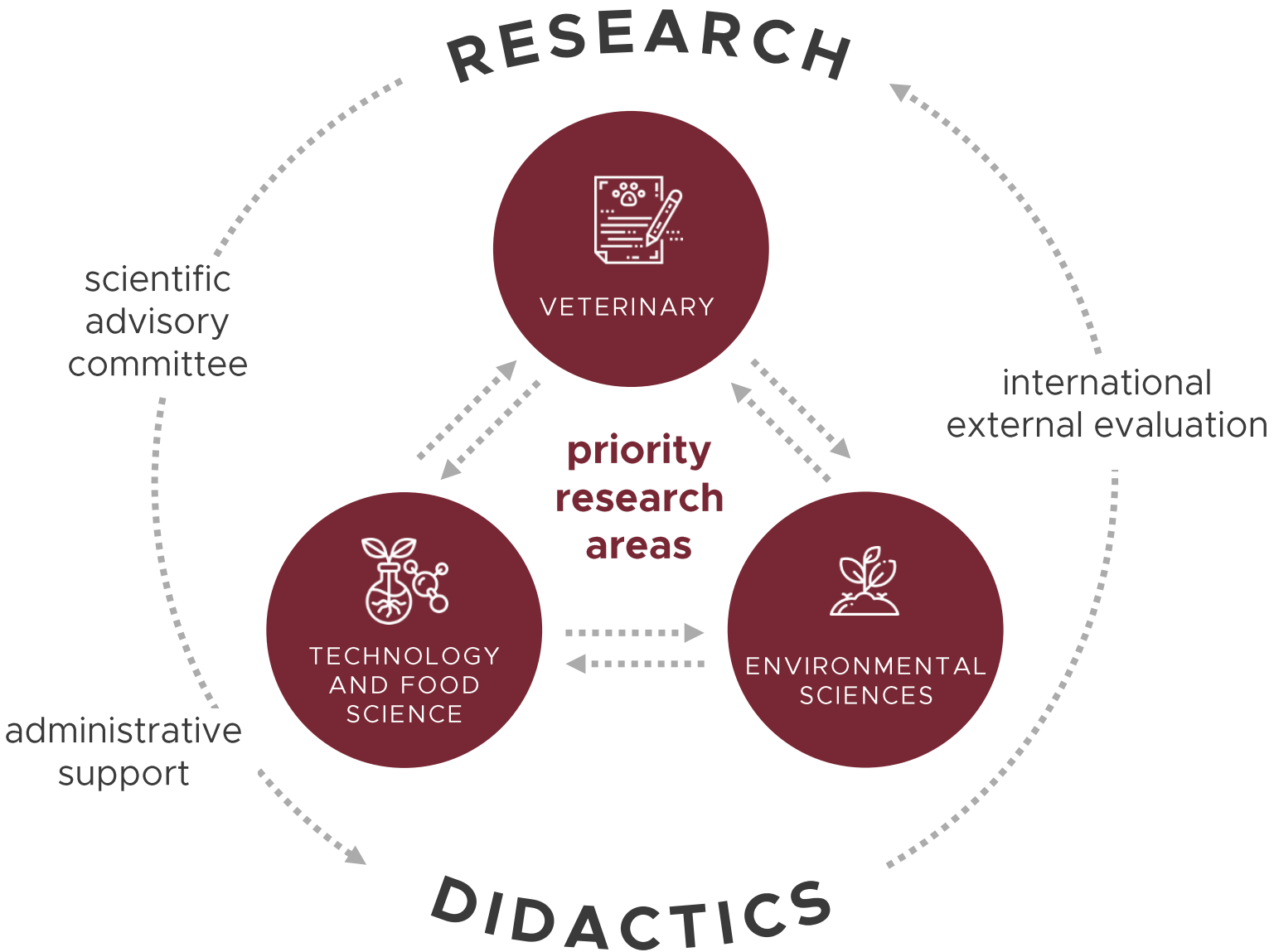


# Stimulating environment

Scientists working in priority research areas

OTHER  
**10%**

PRIORITY RESEARCH AREAS  
**90%**





# Academic qualifications

UPWr has full academic qualifications  
**in 9 disciplines in 5 fields**





An aerial photograph of a wind farm in a rolling green valley. Several white wind turbines are visible, with one in the foreground being particularly prominent. The landscape is lush and green, with a dirt road winding through the fields. The sky is clear and blue, suggesting a bright day. The overall scene is peaceful and scenic, highlighting renewable energy in a natural setting.

# Engineering and technical sciences

- civil engineering, surveying and transportation (A)
- environmental engineering, mining and energy (B+)





# Agricultural sciences

- agriculture and horticulture (B+)
- food and nutrition technology (A+)
- animal husbandry and fishery (B+)



An aerial photograph of a city street grid. The buildings are mostly multi-story structures with red-tiled roofs. There are several streets, some with parked cars. Green trees are scattered throughout the urban landscape. A white rectangular box is overlaid on the top left, and a semi-transparent grey box is overlaid on the middle left. A dark red horizontal bar is at the bottom.

# Social sciences

- socio-economic geography and spatial planning (A)



A close-up photograph of a laboratory experiment. A hand wearing a blue nitrile glove is holding a glass pipette filled with a red liquid. The pipette has blue markings and numbers (6, 7, 8, 9) indicating volume. The pipette is positioned over a petri dish that also contains the red liquid. In the background, several other petri dishes are visible, some containing the red liquid and others appearing empty. The lighting is bright, creating reflections on the glass surfaces.

# Life sciences

- biological sciences (B+)
- biotechnology



# Veterinary sciences

A blurred photograph of a veterinary operating room. Several people in blue scrubs and masks are gathered around a table, likely performing a procedure. The room is brightly lit with overhead surgical lights. The background shows various pieces of medical equipment and monitors.

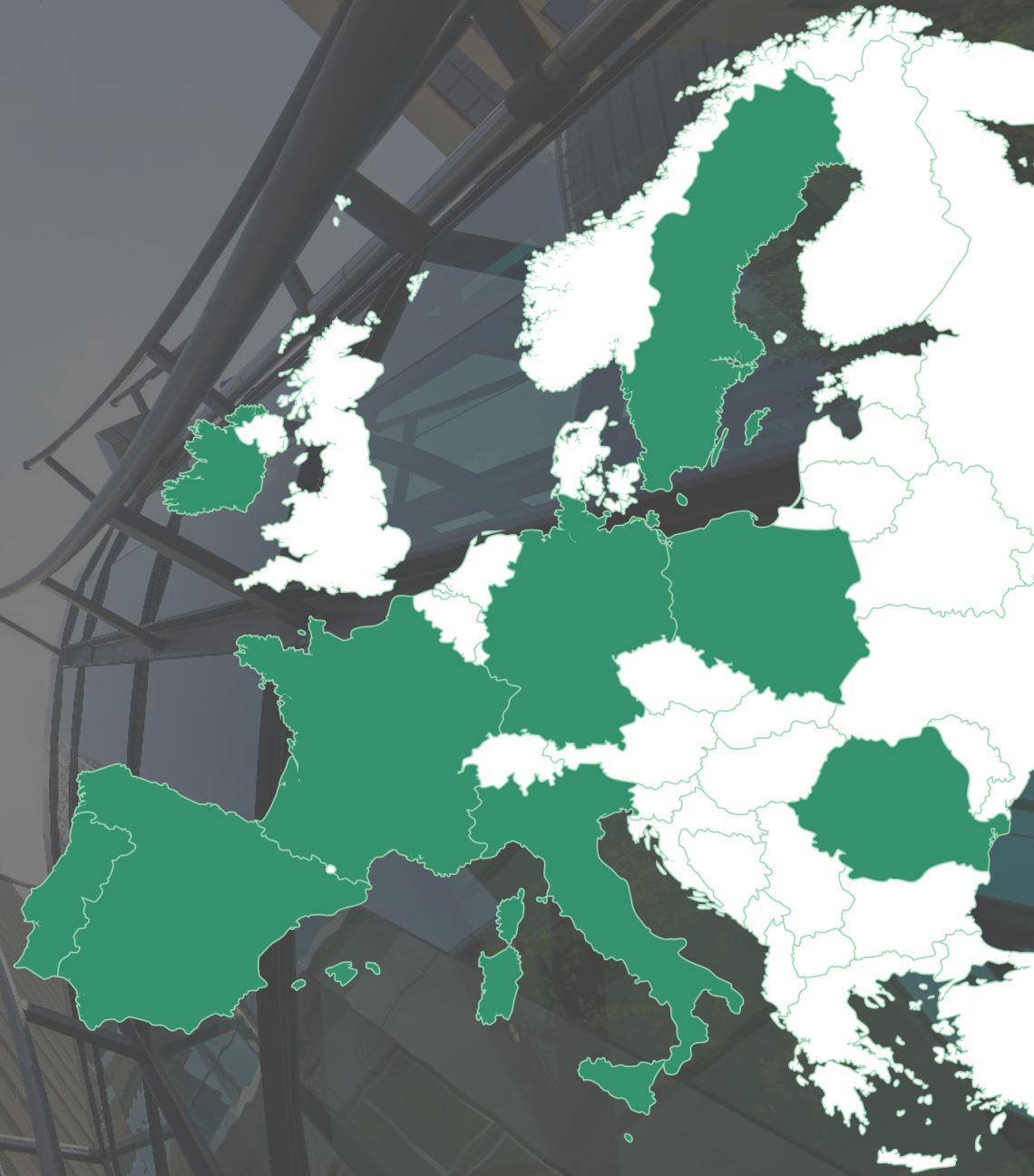
- veterinary medicine (A)



# EU GREEN

EUROPEAN UNIVERSITIES ALLIANCE FOR SUSTAINABILITY:  
RESPONSIBLE GROWTH, INCLUSIVE EDUCATION AND ENVIRONMENT

- Taking part in **the European University**
- Implementing **the Sustainable Development Goals**
- **9 universities:** internationalising fields of study, joint interdisciplinary research programmes, and R&D cooperation





# International projects

LivestockSense<sup>®</sup>

Rubizmo

ERA-NET COFUND  
ICT4AGRI  
FOOD

FOODSHIFT  
2030

SynBio  
4Flav

BEST4  
SOIL

SMART  
WaterDomain

Grow Green

EIG  
CONCERT JAPAN  
Connecting and Coordinating  
European Research and Technology Development with Japan

WATERAGRI

IN TOTAL: approx. 12,5 mln EUR

ERA-NET SUSAN

FACCE SURPLUS  
SUSTAINABLE AND RESILIENT AGRICULTURE  
FOR FOOD AND NON-FOOD SYSTEMS

SusCrop – ERA-NET  
Cofund on Sustainable Crop Production  
FACCEJPI

ALPHORN

ReDiverse

sybiorem

LEGUME GAP

SEASONED

GATHERS

BECCOOP

cost  
EUROPEAN COOPERATION  
IN SCIENCE AND TECHNOLOGY

Interreg  
Polska-Sachsen  
European Regional Development Fund

esa

ECONOMY BY SPACE  
EYE  
HORIZON 2020  
MSCA-RSE-2020

Prowaste



# Networking

The university is bound by bilateral partnership agreements with research centres from Germany, the USA, Ukraine, Taiwan, China, Turkey, Slovakia, Serbia, Lithuania, Spain, Kazakhstan, France, the Czech Republic and Brazil.





# Faculties

# academic organisation



## Faculty of Biotechnology and Food Science

Wrocław University of Environmental and Life Sciences



## Faculty of Biology and Animal Science

Wrocław University of Environmental and Life Sciences



## Faculty of Veterinary Medicine

Wrocław University of Environmental and Life Sciences



## Faculty of Environmental Engineering and Geodesy

Wrocław University of Environmental and Life Sciences



## Faculty of Spatial Management and Landscape Architecture

Wrocław University of Environmental and Life Sciences



## Faculty of Life Sciences and Technology

Wrocław University of Environmental and Life Sciences



# Innovative didactics

Practical education with the support of modern teaching aids: phantoms, simulators, laser scanners and high-class laboratory and computer equipment.





# Joint degree programmes

Courses in English:

- **Food Technology**

Partner:

Miguel Hernández University of Elche



- **Bioeconomy**

Partner:

Wrocław University of Science and Technology



Politechnika Wroclawska





# 46 student science clubs

UPWr students develop their scientific interests by signing up to student science clubs.

The scientific activity of students is co-financed by the university and allows them to carry out their own research projects.

- "Young Minds Project" competition
- Co-financing programme for student science club research projects





# Creativity of UPWr students



PROSTHESES FOR DOGS

SOIL IMPROVER  
FROM BIO-WASTE



"STUDY IN SIGN  
LANGUAGE"  
INITIATIVE



SOCIAL MEDIA  
- EDUCATIONAL VIDEOS





# Artistic groups, clubs and student organisations



**ACADEMIC FOLK SONG AND DANCE GROUP "JEDLINIOK"**

Artistic groups, clubs and student organizations bring together students with similar interests or unite around a common cause and are an opportunity to make new friends.



# Student charity

Students are involved in charitable, ecological and local initiatives



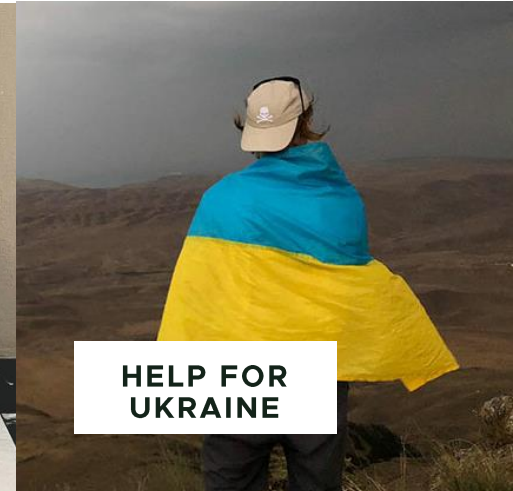
**WOSP –  
FUNDRAISER  
FOR HOSPITAL  
MACHINES**



**PARTICIPATORY  
BUDGET**



**PACKAGES FOR  
ANIMALS**



**HELP FOR  
UKRAINE**



**DKMS –  
BONE MARROW  
DONATION**



**BLOOD DONATION**



**CHILDREN'S  
HOSPICE ACTIONS**



**„SZLACHETNA  
PACZKA” PACKAGES  
FOR THOSE IN NEED**



# Sustainable Development and Corporate Social Responsibility

The university, being a place of shaping attitudes and spreading knowledge about the reality that surrounds us, provides high-quality research and education and promises to care for the development of the academic community in alignment with the principles of sustainable development, and to promote the ideas of equality, diversity and tolerance.







# Sustainable Development Goals

This idea also guides the university campus arrangements and partnerships with the local government, companies and non-governmental organizations.



# Sustainable Development Goals

High placement in the  
2022 THE Impact Rankings




**2** ZERO HUNGER



**86**  
(647 institutions around the world)

**1st place in Poland**

**8** DECENT WORK AND ECONOMIC GROWTH



**101 - 200**  
(960 institutions around the world)

**1st place in Poland**

**11** SUSTAINABLE CITIES AND COMMUNITIES



**101 - 200**  
(860 institutions around the world)

**1st place in Poland**

**15** LIFE ON LAND



**201 - 300**  
(586 institutions around the world)

**1st place in Poland**

**17** PARTNERSHIPS FOR THE GOALS



**601-800**  
(1625 institutions around the world)

**4th place in Poland**





2 ZERO HUNGER



- socially Supported Agriculture at UPWr – an initiative of sustainable food production
- the FoodSHIFT 2030 project and social gardens in city centres
- training courses for food producers and farmers from the Centre for Continuing Education
- food, water and soil quality testing
- Urban Farm





**8** DECENT WORK AND  
ECONOMIC GROWTH



- training courses on sustainable agriculture, environmental protection or waste management
- promoting equality and anti-discrimination - the European Charter for Researchers was granted to the university
- adopting the Gender Equality Plan for UPWr
- increasing innovation and creating stable jobs as part of the HR Excellence in Research criteria





## 11 SUSTAINABLE CITIES AND COMMUNITIES



- developing safe and healthy cycling routes
- studying smart city concepts (sustainable transport based on positioning and Big Data)
- analysing senior citizens' quality of life in urban areas
- supporting the heritage of the region (organising the Cheese and Wine Festival – promoting regional products) and local folklore (the band "Jedliniok")
- free access to the university grounds and green areas (Pawłowicki Park)





15 LIFE ON LAND



- protecting species: Wrocław Semen Bank of Companion and Wild Animals
- bat population monitoring
- creating pocket parks as part of the GrowGreen project
- educating local communities on ecology (advice from experts, workshops for children, etc.)
- Pawłowicki Park – educational path and arboretum (over 200 species of trees and shrubs, monumental oak)





## 17 PARTNERSHIPS FOR THE GOALS



- collaborating with regional and cross-border research centres, organisations and representatives of local communities
- implementing the project regarding the park surrounding the historic Książ Castle
- signing a declaration on climate change and the development of sustainable bioeconomy
- joining the EU GREEN alliance of nine European universities



# mamy zielone #MPWr projęcie



## University podcast

The podcast answers the most pressing, controversial and socially important questions related to sustainable development.

Our scientists talk about renewable energy sources, fair access to water, biodiversity of species and shorter food supply chains.





We invest in the future

**LET'S WORK  
TOGETHER**





CENTRUM BIOLOGII STOSOWANEJ  
ORAZ INNOWACYJNYCH TECHNOLOGII  
PRODUKCJI ŻYWNOSCI

CENTRE FOR APPLIED BIOLOGY  
AND INNOVATIVE FOOD  
PRODUCTION TECHNOLOGIES



Centrum  
Innowacyjnych  
Technologii



- a modern research and development centre opened in 2024
- a meeting place for companies, food producers, scientists, PhD students, and investors
- an investment worth PLN 137 million
- a response to the key challenges of the modern world, which include biodiversity protection, sustainable yet efficient food production, combating progressing climate change, and simultaneously adapting to those changes that have already occurred

# Centre of Innovative Technologies





6 CENTRES

30 LABORATORIES

3 AREAS OF ACTIVITY

### **Environment**

- Plant Disease Diagnostics Centre
- Plant Production Technology Research Centre
- Advanced Horticultural Production Technologies

### **Centre**

### **Veterinary**

- Centre for In Vivo Research

### **Food**

- Applied Biology and Innovative Food Production Technologies Centre
- Regional Product Centre





# CIT Mission

– to improve the quality of food produced and processed in Lower Silesia, and thereby the health and quality of life of Lower Silesians

- interdisciplinary research
- modern laboratories, unique equipment
- experimental greenhouse
- production lines for beer and wine, bread and cheese making
- workshops for gastronomy technology and consumer service, nutrition status and exercise research







# Współpraca z biznesem

- analizy laboratoryjne
- kompleksowe usługi B+R
- projektowanie i realizacja eksperymentów
- opracowanie nowych lub ulepszonych metod, receptur, technologii, innowacyjnych produktów
- testowanie urządzeń, linii produkcyjnych, środków produkcji, produktów (preparatów, leków, szczepionek, związków chemicznych itp.)
- weryfikacja w skali technicznej i półtechnicznej wyników uzyskanych w skali laboratoryjnej
- szkolenia i warsztaty

BADANIA NAUKOWE  
PROJEKTY B+R  
USŁUGI B+R  
USŁUGI LABORATORYJNE  
SZKOLENIA



# U Przyrodników – a simple joint-stock company



RESTAURANTS



WINERY



COURSES

- UPWr is the main shareholder – we're looking for business partners
- Commercialising the hotel – we want to use the potential of the Wrocław-Pawłowice palace complex for HoReCa purposes
- We're planning restaurants that will promote modern culinary art and innovative solutions in the industry
- We want to create a winery and wine shop that will promote Lower Silesian wines and the knowledge of the scientists of the University of Wrocław
- This venture will operate in line with the values of the university: healthy lifestyle, modern solutions, respect for tradition, sustainable development goals
- It will include student training facilities



Thank you for  
your attention

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