



EU **CONEXUS**

1<sup>st</sup> Research Workshop  
in Agricultural University  
of Athens



Co-funded by the  
Erasmus+ Programme  
of the European Union

# Research & Innovation in AUA

1<sup>st</sup> EU-CONEXUS Research Workshop



ATHENS. 1-2 JUNE 2022

PERSPECTIVES IN SMART URBAN COASTAL SUSTAINABILITY  
RESEARCH



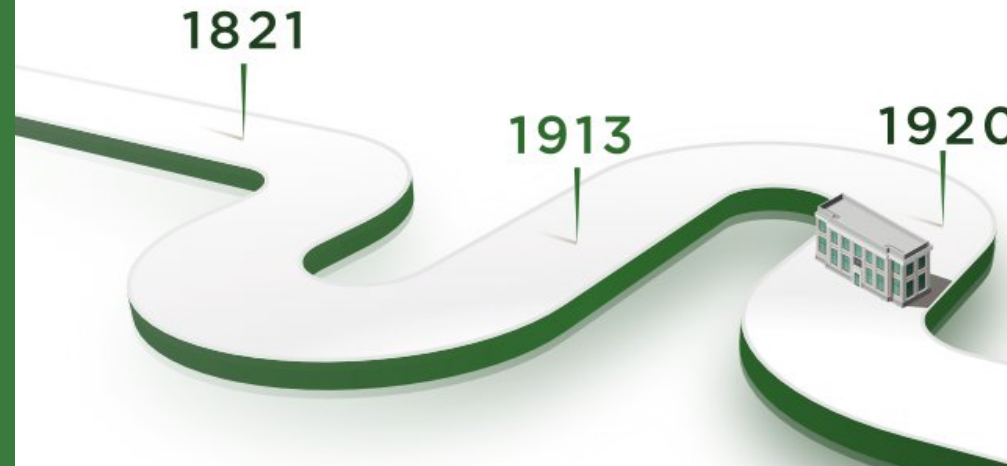


### VISION

To act as a leader in the scientific fields that heals in order to contribute in the development of geotechnical, agri-food and related sciences, not only in our country, but also internationally.

### THE ROAD TO ESTABLISHMENT

- Greek Revolution with a pandemic incentive for rural rehabilitation population
- Agrarian reform "Asleep"
- Doubling of Greek territory and population
- Voting for the Agricultural Law Organization Cooperatives
- Establishment of the Ministry of Agriculture and Public Real Estate



NUTRITIONAL  
SATISFACTION  
SELF - SUFFICIENCY



URBAN  
TRANSFORMATION  
OF GREEK SOCIETY

# THE AGRICULTURAL UNIVERSITY OF ATHENS

## Schools & Departments | Students



1920-2018

SCHOOLS AND DEPARTMENTS OF THE UNIVERSITY

STUDENTS



THE AUA TODAY



1

### SCHOOL OF PLANT SCIENCES

1. DEPARTMENT OF CROP SCIENCE
2. DEPARTMENT OF FORESTRY & NATURAL ENVIRONMENT MANAGEMENT

2

### SCHOOL OF ANIMAL BIOSCIENCES

1. DEPARTMENT OF ANIMAL SCIENCE
2. DEPARTMENT OF HYDROBIOLOGY & AQUACULTURE

3

### SCHOOL OF ENVIRONMENT AND AGRICULTURAL ENGINEERING

1. DEPARTMENT OF NATURAL RESOURCES DEVELOPMENT & AGRICULTURAL ENGINEERING
2. DEPARTMENT OF AGRICULTURAL & ENVIRONMENTAL INFORMATICS

4

### SCHOOL OF APPLIED BIOLOGY & BIOTECHNOLOGY

1. DEPARTMENT OF BIOTECHNOLOGY

5

### SCHOOL OF FOOD & NUTRITIONAL SCIENCES

1. DEPARTMENT OF FOOD SCIENCE & HUMAN NUTRITION
2. DEPARTMENT OF DIETETICS & QUALITY OF LIFE

6

### SCHOOL OF APPLIED ECONOMICS & SOCIAL SCIENCES

1. DEPARTMENT OF AGRICULTURAL ECONOMICS & DEVELOPMENT
2. DEPARTMENT OF AGRIBUSINESS & SUPPLY CHAIN MANAGEMENT
3. DEPARTMENT OF REGIONAL & ECONOMIC DEVELOPMENT
4. DEPARTMENT OF CULTURE & AGRO TOURISM



### DEPARTMENT OF SCIENCES TEI INTEGRATION COUNCIL

1. SUPPLY SYSTEMS ADMINISTRATION
2. ADMINISTRATION, ECONOMY & COMMUNICATION OF CULTURAL & TOURIST UNITS
3. FORESTRY AND NATURAL ENVIRONMENT MANAGEMENT

>14.000

UNDERGRADUATE  
TILL 2023

600

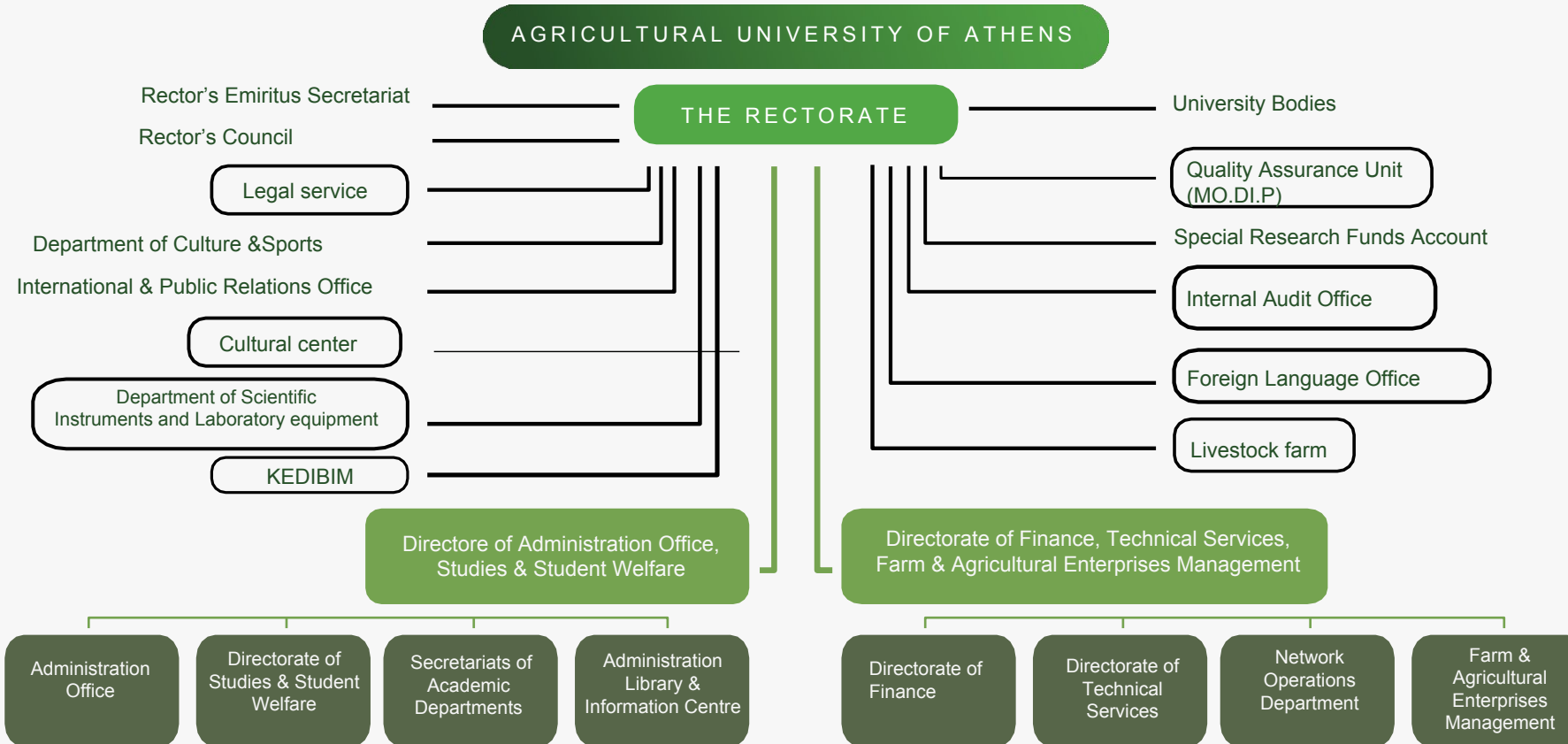
POSTGRADUATE

500

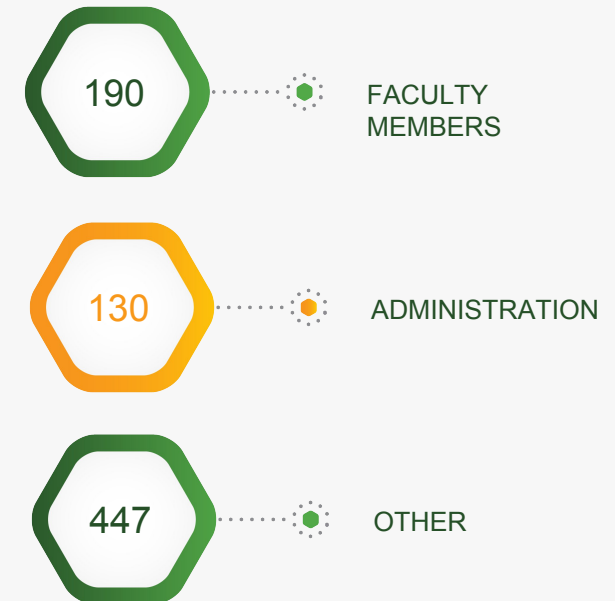
PhD

# THE AGRICULTURAL UNIVERSITY OF ATHENS

## Organization chart | Stuff



## STAFF





# THE AGRICULTURAL UNIVERSITY OF ATHENS

Photos | 28 Building Complexes



# THE AGRICULTURAL UNIVERSITY OF ATHENS

## Building Infrastructure



60



acres Campus

28



Buildings Complexes  
of total area 30.509 m<sup>2</sup>

44



Organized & equipped  
Research laboratories

44



Medium/small lecture rooms  
of total area of 2.842 m<sup>2</sup>  
& student laboratories  
with a total area of 7.902 m<sup>2</sup>

11



Amphitheaters  
of total area  
2.081 m<sup>2</sup>

5



farms

Kopaida  
total area: 1.020 acres

Gialou Spata  
total area: 430 acres

Mavromatiou  
total area: 71.8 acres

Aliartos, Boiotia  
total area: 11 acres

Oropos  
total area: 26 acres

Greenhouse  
total area: 2.26 acres



# THE AGRICULTURAL UNIVERSITY OF ATHENS



## A. School of Crop Science

### A. Department of Crop Science

- Agricultural Zoology and Entomology
- Agronomy
- Ecology and Environmental Science
- Electron Microscopy
- Floriculture and Landscape Architecture
- General and Agricultural Meteorology
- General and Agricultural Microbiology
- Pesticide Science
- Phytopathology
- Plant Breeding and Biometry
- Plant Physiology and Morphology
- Pomology
- Systematic Botany
- Sericulture and Apiculture
- Vegetable Production
- Viticulture

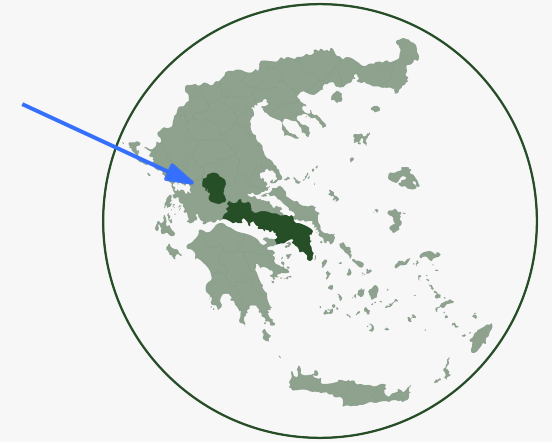
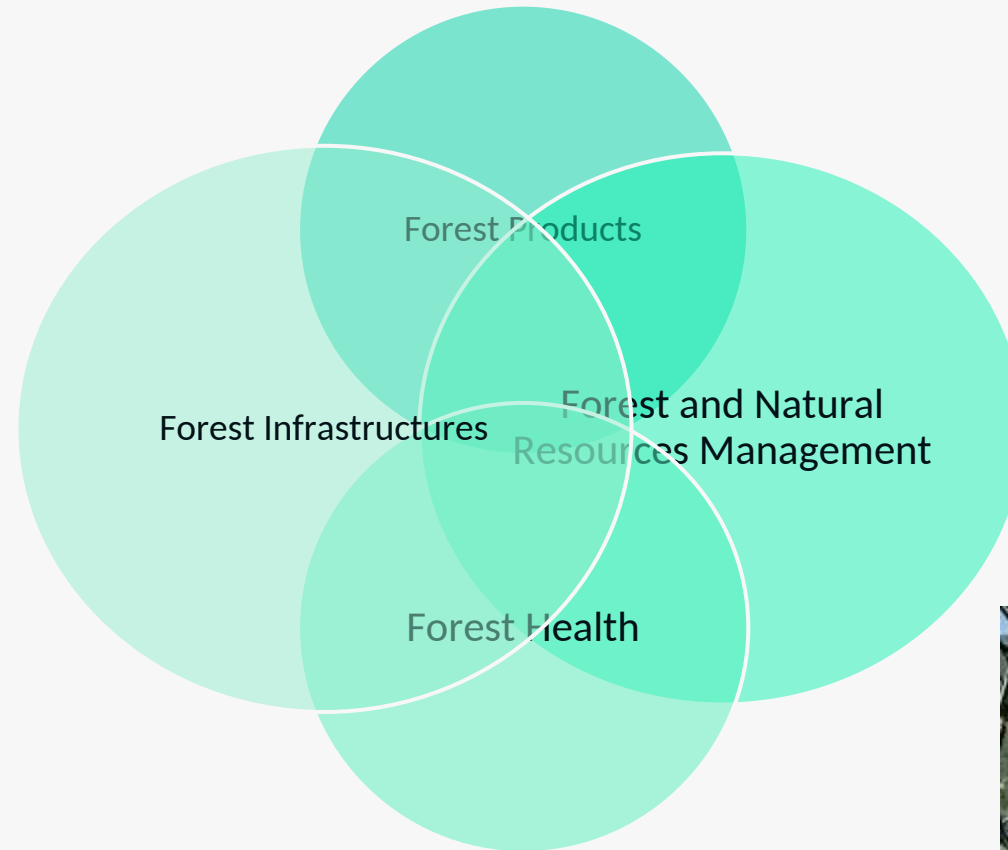


# THE AGRICULTURAL UNIVERSITY OF ATHENS

## A. School of Crop Science



## B. Department of Forestry & Natural Environment Management





# THE AGRICULTURAL UNIVERSITY OF ATHENS

## B. School of Animal Biosciences

### A. Department of Animal Science

Laboratory of Nutritional Physiology & Feeding

Laboratory of Anatomy & Physiology of Farm Animals

Laboratory of Applied Hydrobiology

Laboratory of Animal Breeding & Husbandry





# THE AGRICULTURAL UNIVERSITY OF ATHENS

## C. School of Environment & Agricultural Engineering



### A. Department Natural Resources Development & Agricultural Engineering



Farm Structures & Farm Machinery



Water Resources



Soil Science & Agricultural Chemistry



Geological Sciences



# THE AGRICULTURAL UNIVERSITY OF ATHENS

## D. School of Food Science and Human Nutrition



### A. Department of Food Science and Human Nutrition

Laboratory of Dairy Research

Laboratory of Oenology and Alcoholic Drinks

Laboratory of Food Chemistry & Analysis

Laboratory of Food Process Engineering

Laboratory of Food Microbiology and Biotechnology

Laboratory of Food Quality Control & Hygiene

Laboratory of General Chemistry

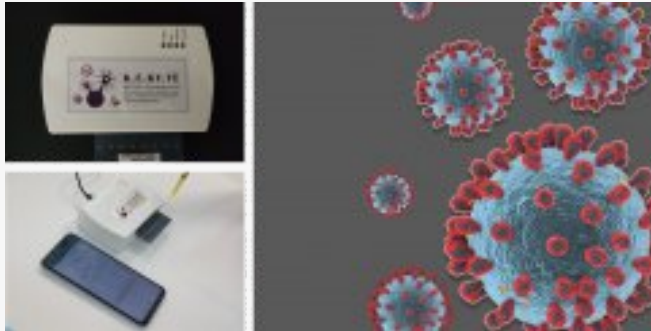


# THE AGRICULTURAL UNIVERSITY OF ATHENS

## E. School of Applied Biology & Biotechnology



### A. Department of Biotechnology



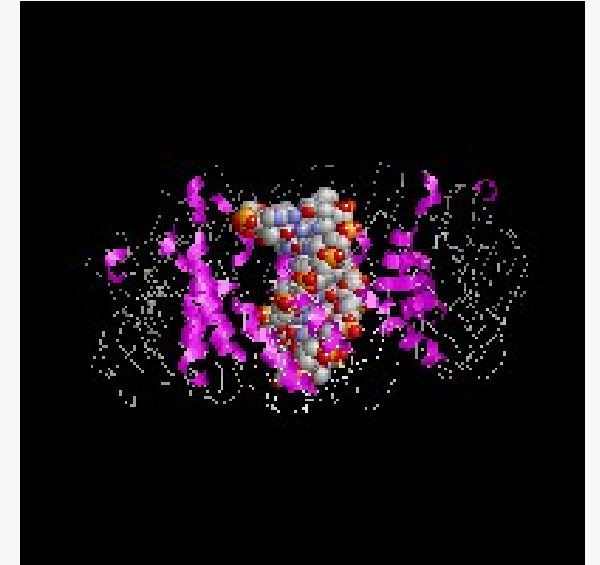
Genetics Laboratory

Laboratory of Molecular Biology

Laboratory of Cell Technology

Laboratory of Enzyme Technology

Physics Laboratory





# THE AGRICULTURAL UNIVERSITY OF ATHENS

## E. School of Applied Economics & Social Sciences



### A. Department of Agricultural Economics & Rural Development

Laboratory of Rural Economic Development

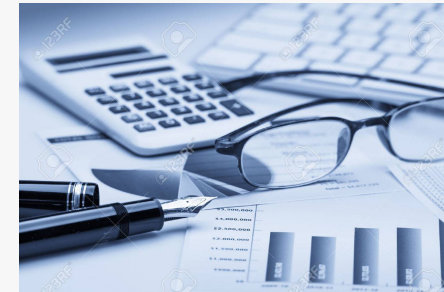
Laboratory of Rural Policy and Cooperatives

Laboratory of Agricultural Extension, Rural Systems & Rural Sociology

Laboratory of Agribusiness Management

Laboratory of Political Economy and European Integration

Laboratory of Informatics



### B. Department of Agribusiness & Supply Chain Management

### C. Department of Regional & Economic Development





# STRUCTURES OF EDUCATION, RESEARCH & EXTROVERSITY

**Lifelong  
Learning Center**

(ΚΕ.ΔΙ.ΒΙ.Μ)



**Vocational  
Training Center (KEE)**



**Center for Innovation,  
Entrepreneurship, Agri-food &  
Agri-food Crisis Management**



**Centers of  
Excellence**

ΚΕΣΑΠ, ΚΕΚΥΤΕ, ΚΕΘΦΥΠΕ



**International Standard  
Classification of Education**

(IESCD)



**University Research Center**

(ΠΕΚ)

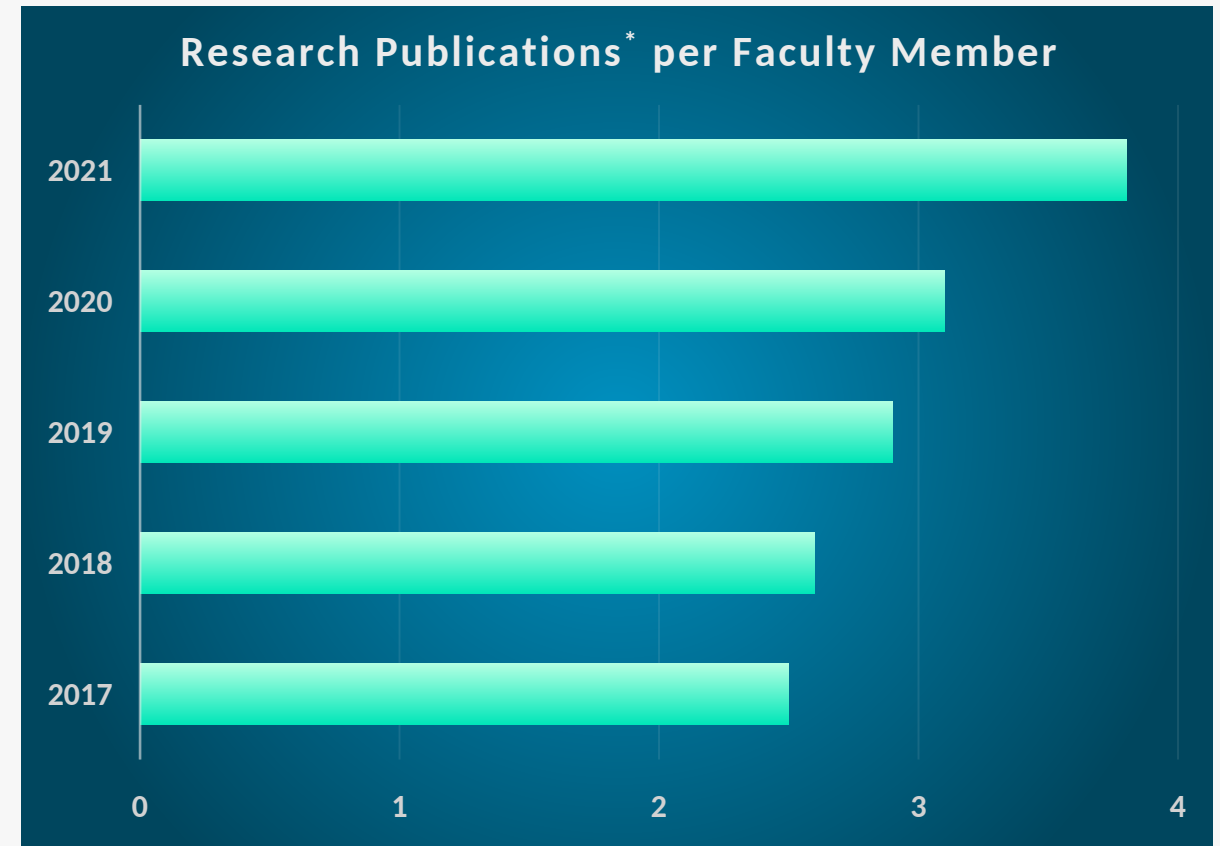
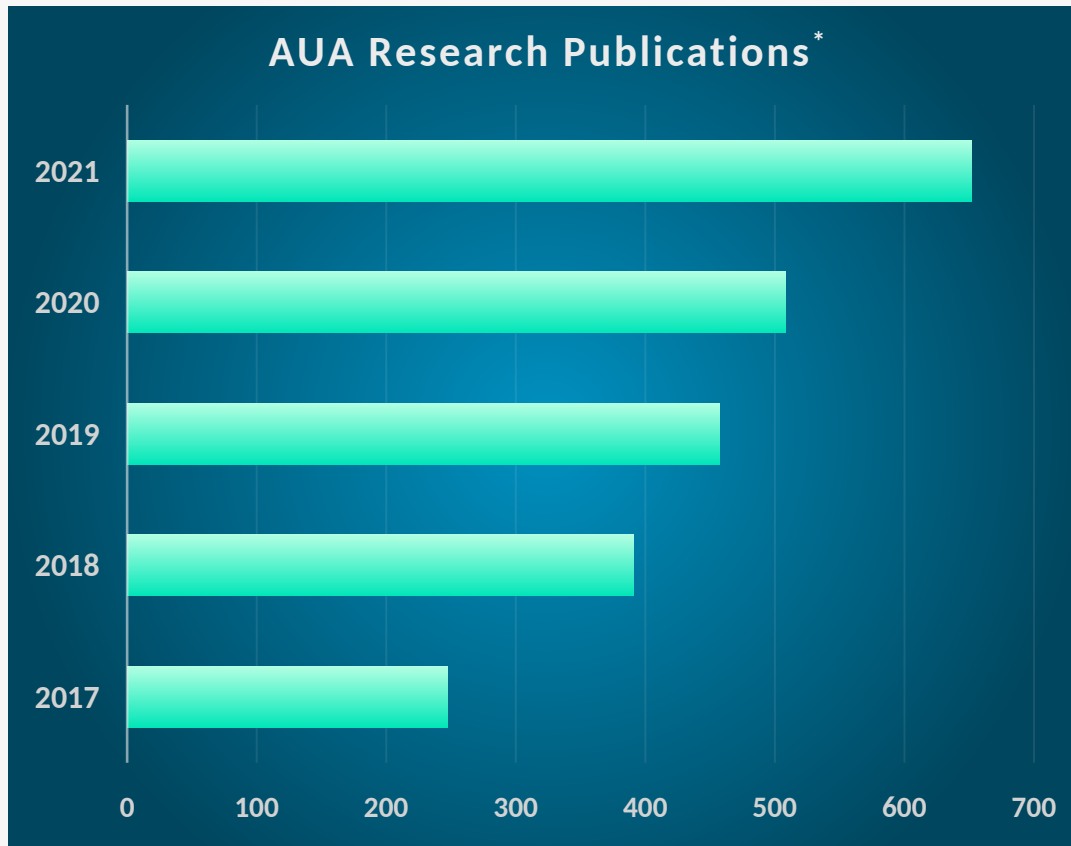


**INSTITUTES:**

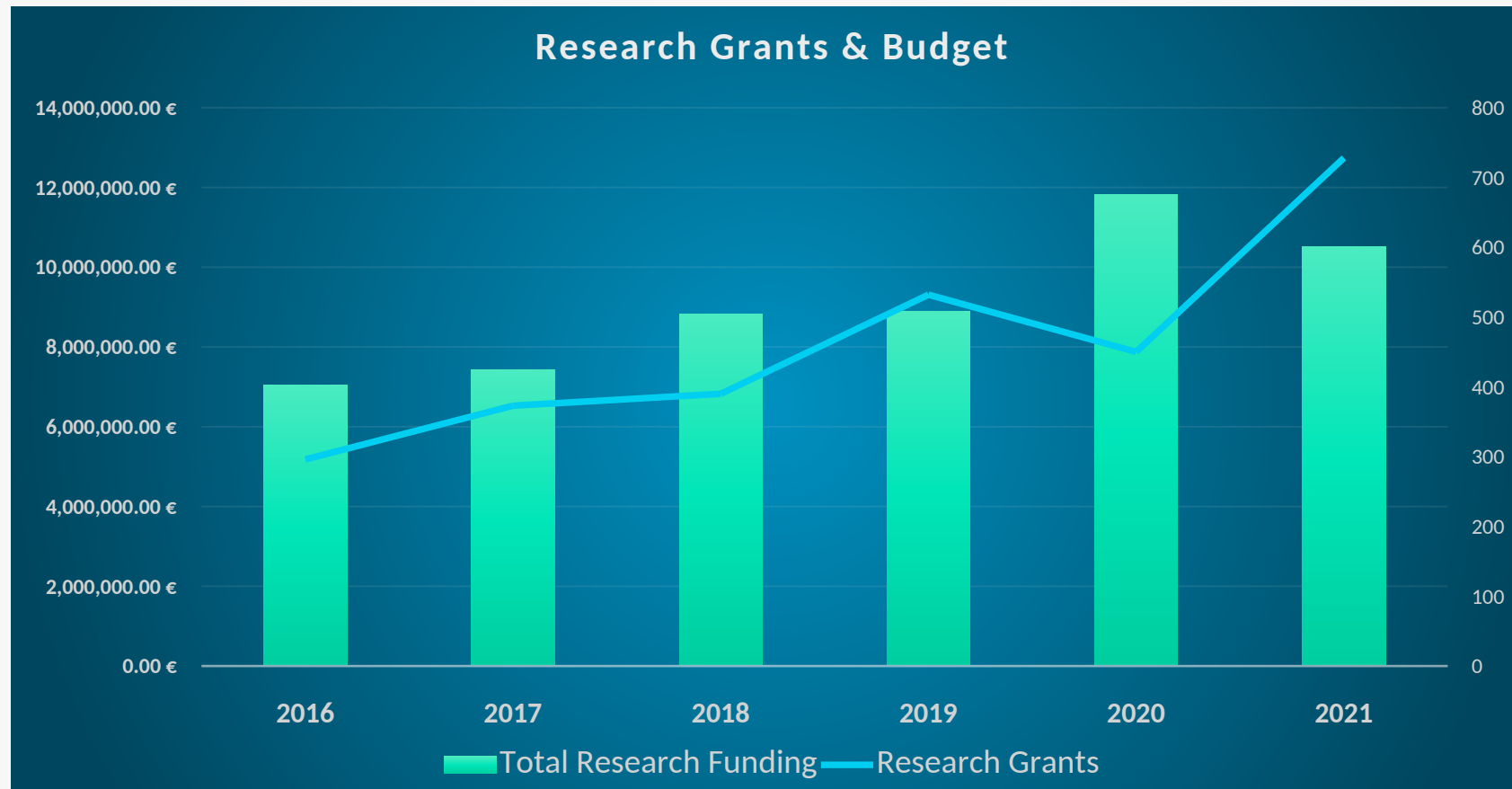
- Agriculture and Food
- Innovative and Sustainable Agricultural Sciences
- Design and Analysis of Experiments of Cell Technology Applications
- Plant Nutrition and Soil Quality
- Bioeconomics
- Study and Promotion of FAF
- Price Analysis and Marketing of Agricultural Products and Food
- Phytogenetic and Microbial Resources



## AUA Research Output

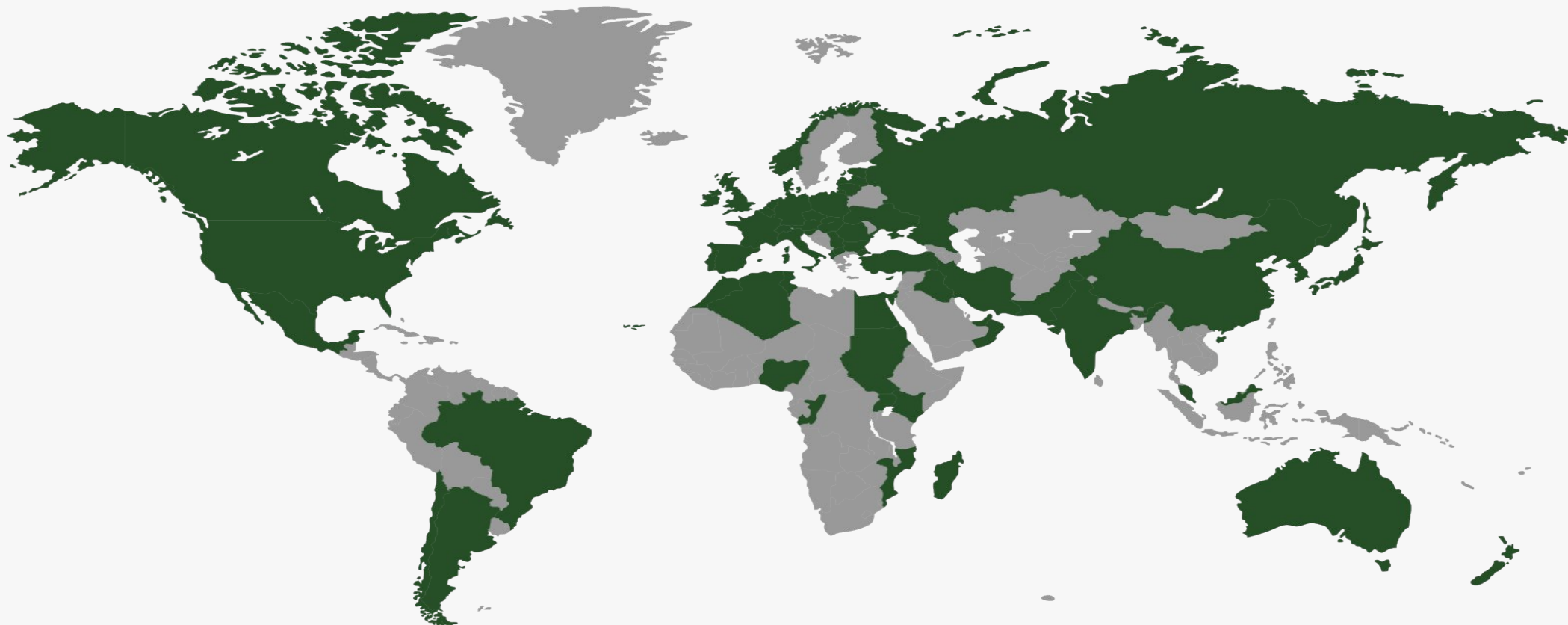


## Research Grants





## INTERNATIONAL COLLABORATIONS OF THE UNIVERSITY



### AMERICA

**North:** USA, Canada, Mexico

**South:** Argentina, Brazil, Chile

### EUROPE

Albania  
Austria  
Belgium  
Northern Macedonia  
Bulgaria  
France  
Germany

Georgia  
Denmark  
Switzerland  
Estonia  
United Kingdom  
Ireland  
Israel  
Iceland  
Spain  
Italy

Croatia  
Cyprus  
Latvia  
Lithuania  
Malta  
Montenegro  
Norway  
Netherlands  
Hungary  
Ukraine

Poland  
Romania  
Russia  
Serbia  
Slovenia  
Sweden  
Turkey  
Czech Republic  
Finland

### AFRICA

Egypt  
Algeria  
Libya  
Morocco  
Sudan  
Tunisia  
Gabon

Madagascar  
Mozambique  
Nigeria

### ASIA

Emirate  
Japan  
Iraq  
Israel  
Qatar  
Lebanon  
Malaysia  
Oman

Pakistan  
Russia  
S. Arabia  
Singapore  
Thailand

### OCEANIA

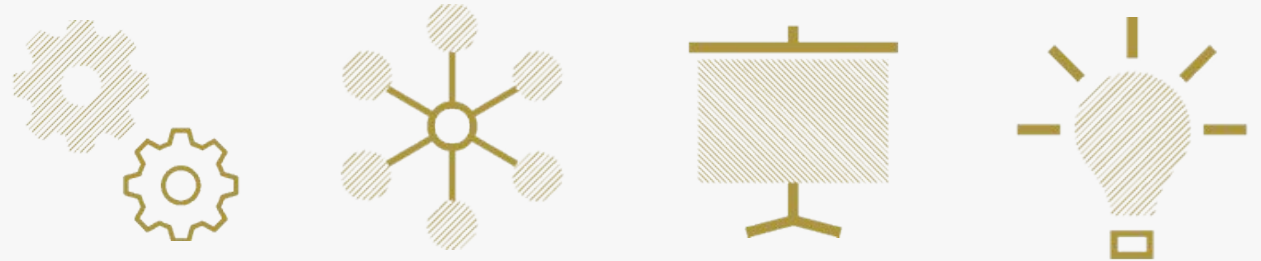
Australia  
New Zeland





## INNOVINAGRI

INNOVATION, ENTREPRENEURSHIP AND  
TECHNOLOGY TRANSFER OFFICE SARF AUA



### Development:

Development  
of Strategic  
Partnerships

### Utilization:

1. Research results
2. Copyright
3. Patents

### Development:

1. Training  
Programs
2. Provision of  
Consulting  
Services



Utilization of  
research results

Interconnection with  
the business world



# Transforming Research into Innovation





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# Thank You!!!

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