

## STRATEGIC PLAN 2022-25

Deciding for the future







# Overview of the situation in universities internationally



Overview of the situation in universities internationally

### Teaching

Blended, face-to-face and online

Investments in digital education and cybersecurity training for faculty

New teaching methods, development of common courses with other universities

Faculty-student collaboration to adapt teaching/ learning methods and programmes

New tailored teaching assessment methods

Review of educational offer

Focus on the emotions involved in educational interaction

Focus on talent development, and mentoring

On- and off-line extra-curricular activities

## 12

Overview of the situation in universities internationally

### Research

Increased number of partnerships

Exchange programmes between researchers and industry employees

**Sharing of resources** and digital infrastructures

Strengthening and full implementation of Open Science

Interdisciplinarity of research projects

Improved interaction among researchers via platforms and special forums

New assessment methods based on the actual contribution that research makes to progress

Overview of the situation in universities internationally

## Third mission and social impact

Social impact of research and the role of universities in industrial innovation

New assessment methods based on third mission commitment

Improved communication and visibility of university activities

Learning programmes supported by social engagement

Overview of the situation in universities internationally

### Internationalisation

Increased investment in the international mobility of faculty

Recognition of digital mobility and increased accessibility

Improvements to student support

Implementation of international methods to assess attractiveness and services provided to foreign students

Review of travel policies for sustainable mobility

# Situation in Italian universities



Universities must be capable of adapting to rapid changes in society so as to provide an up-to-date educational offer and produce innovative research, in synergy with the nation and the international community

### Situation in Italian universities

### Italy / OECD

More than a quarter of young people aged between 18 and 24 are not engaged in education, employment or training

25%

16%

NEET: «Not (engaged) in Education, Employment or Training. Only Colombia and South Africa are in a worse situation than Italy

Low percentage of graduates between the ages of 25 and 34

28%

45%

University faculty have the highest average age

**56%** 

40%

Faculty over 50

Low level of investment in university education

0.9%

1.31%

Percentage of GDP allocated to universities

## University of Udine



3-1

**University** of Udine

Educational offer AY 2022 - 2023

39

Bachelor's Degree courses

39

Master's Degree courses

20

PhD courses

**26** 

Specialisation Schools

**27**Professional Masters

**Demand**AY 2021-2022

15,228

Students enrolled

**261** 

PhD students

**590** 

Specialisation School students

412

Professional Master's students Output 2021

3,009

Graduates

**78** 

PhDs

Source: University DataWarehouse

**University** of Udine

Faculty and researchers 2021

**652** 

Total number

175

Full professors

272

Associate professors

134

Researchers

71

Researchers on a fixed-term contract

Research fellows 2021

180

Total number

Language experts 2021

33

Total number

Senior managers and technical and administrative staff 2021

**543** 

Total number

477

with an open-ended contract

66

with a fixed-term contract

Source: University DataWarehouse

**University** of Udine

## Censis Annual ranking (2022)

## 5<sup>th</sup>

place overall out of 16 medium-sized Italian universities (10 to 20 thousand students). In detail:

**1** st

Communication and digital services

3<sup>rd</sup>

**Employability** 

4<sup>th</sup>

Services

6<sup>th</sup>

Internationalisation

8<sup>th</sup>

**Facilities** 

8<sup>th</sup>

Scholarships and grants

**University** of Udine

### AlmaLaurea (Surveys 2021)

GRADUATE PROFILE	UNIUD	ITALIAN UNIVERSITY AVERAGE
Graduates who are, on the whole, satisfied with their course of study	90.5%	90.5%
Graduates who are, on the whole, satisfied with student-faculty interaction	90.0%	88.8%
GRADUATE PROFILE	UNIUD	AVERAGE OF ITALIAN UNIVERSITIES
Master's degree graduates (including single-cycle) in employment 5 years after graduation	95.1%	88.5%
Employment rate of PhDs		
Employment rate of PhDs  1 year after graduation	92.3%	90.9%

### **University** of Udine

## Research Quality Assessment (RQA 2015-19)

	INDICATORS (scale 0-1)	UNIUD*	ITALIAN UNIVERSITY AVERAGE*
1	Average score of permanent researchers Measure of the average quality of research outputs presented by researchers who held the same position throughout 2015-2019	0.68	0.66
2	Average score of newly-hired researchers Measure of the average quality of research outputs presented by researchers who were hired or promoted between 2015 and 2019	0.74	0.71
3	Average score of the third mission: Measure of the quality of research result exploitation	0.78	0.59

<sup>\*</sup>Scores assigned to outputs submitted by researchers who, as of 1st Novembert, 2019, belonged to one of the Institutions participating in the RQA:

a) Excellent and extremely significant 1

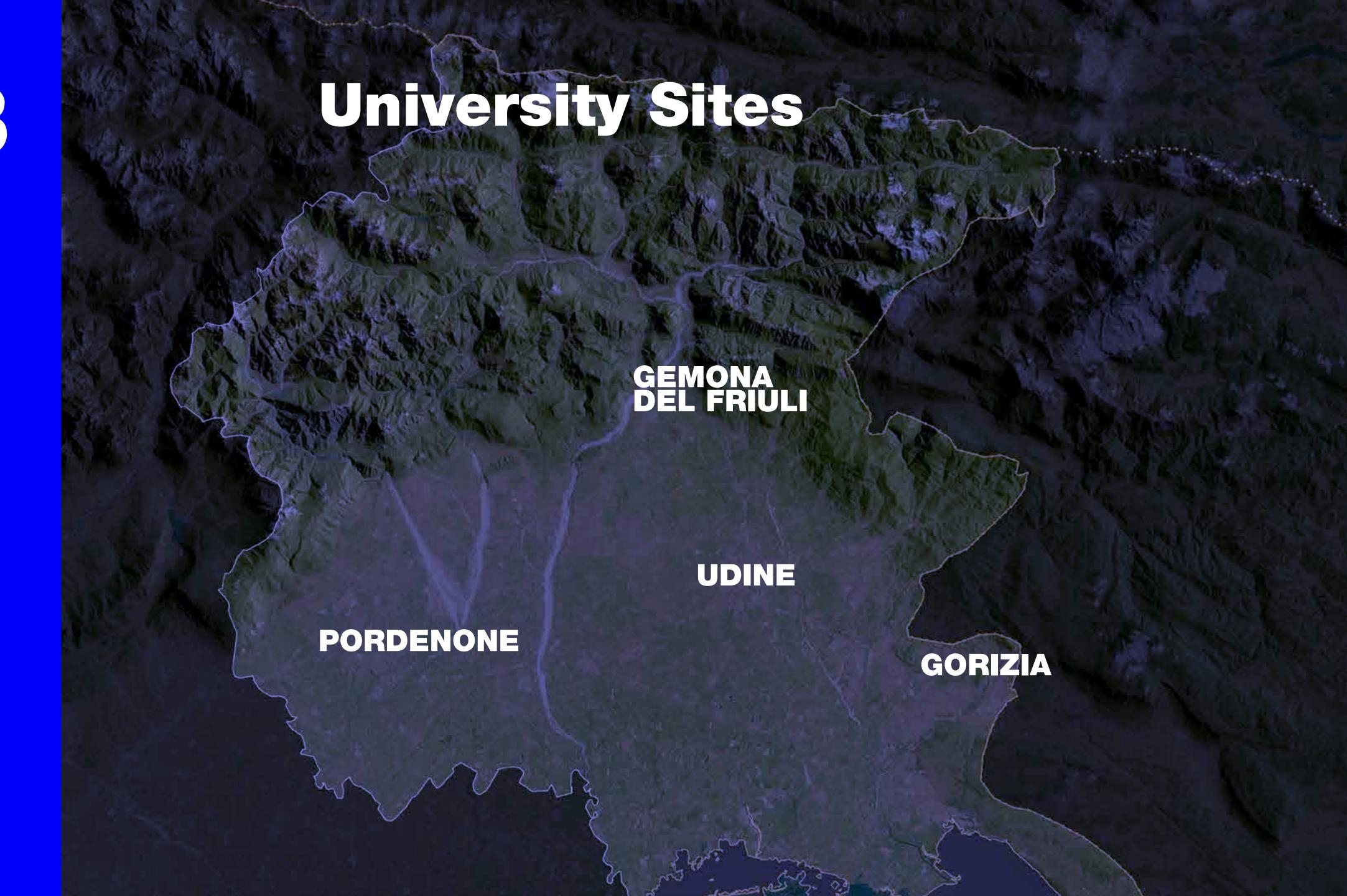
b) Excellent: 0.8

c) Standard: 0.5

d) Sufficient significance: 0.2

e) Low significance or Not acceptable: 0

**University** of Udine



University of Udine

## Students enrolled AY 2021-22

SITE	STUDENTS ENROLLED
Udine	12,885
Pordenone	1,055
Gorizia	995
Gemona del Friuli	293
Total	15,228
Source: University DataWarehouse	

3,4

**University** of Udine



**University** of Udine

## MISSION

To develop research in partnership with Italian and foreign institutions, and thus qualify teaching and the transfer of knowledge; to facilitate the development of students' critical, learning and professional skills, and to promote the civil, cultural, economic and social growth of the local area

(Statute of the University of Udine, art. 1)

**University** of Udine



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**University** of Udine

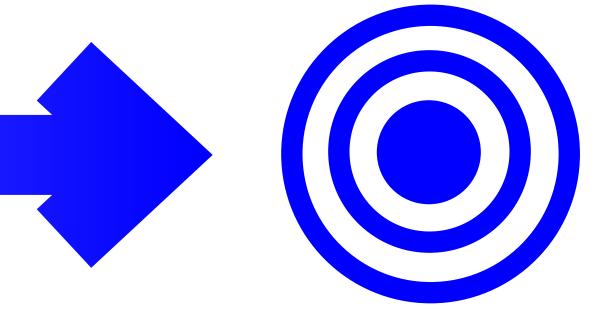
## Organisation of the Strategic Plan

Strategic goals

Actions

Indicators

**Target** 



## Strategic Goals



Deciding for the future by grasping the opportunities provided by the UN 2030 Agenda, the 2021-2027 EU Cohesion Policy and the National Recovery and Resilience Plan

Strategic goals

## The opportunities resulting from international and national actions

UN

AGENDA 2030

### **EUROPEAN UNION**

2021-2027 EU COHESION POLICY

### PRESIDENCY OF THE COUNCIL OF MINISTERS

NATIONAL RECOVERY AND RESILIENCE PLAN (NRRP) – NEXT-GENERATION ITALY











## 

### **Strategic** goals

## The University's strategic goals for the period 2022-2025

Gradually characterise research and educational offer

Integrate research and education in an international dimension

Reduce the number of student drop-outs



Strengthen the third mission: the University as an agent of local area development

**Medium-term** economic and financial sustainability

Consolidate the

research support

administrative staff

teaching and

provided by

technical and

**Consolidate sectors** that distinguish and qualify research and education, and govern interdisciplinary areas

Lower the average age of faculty and researchers

**Develop university** buildings and improve their energy efficiency

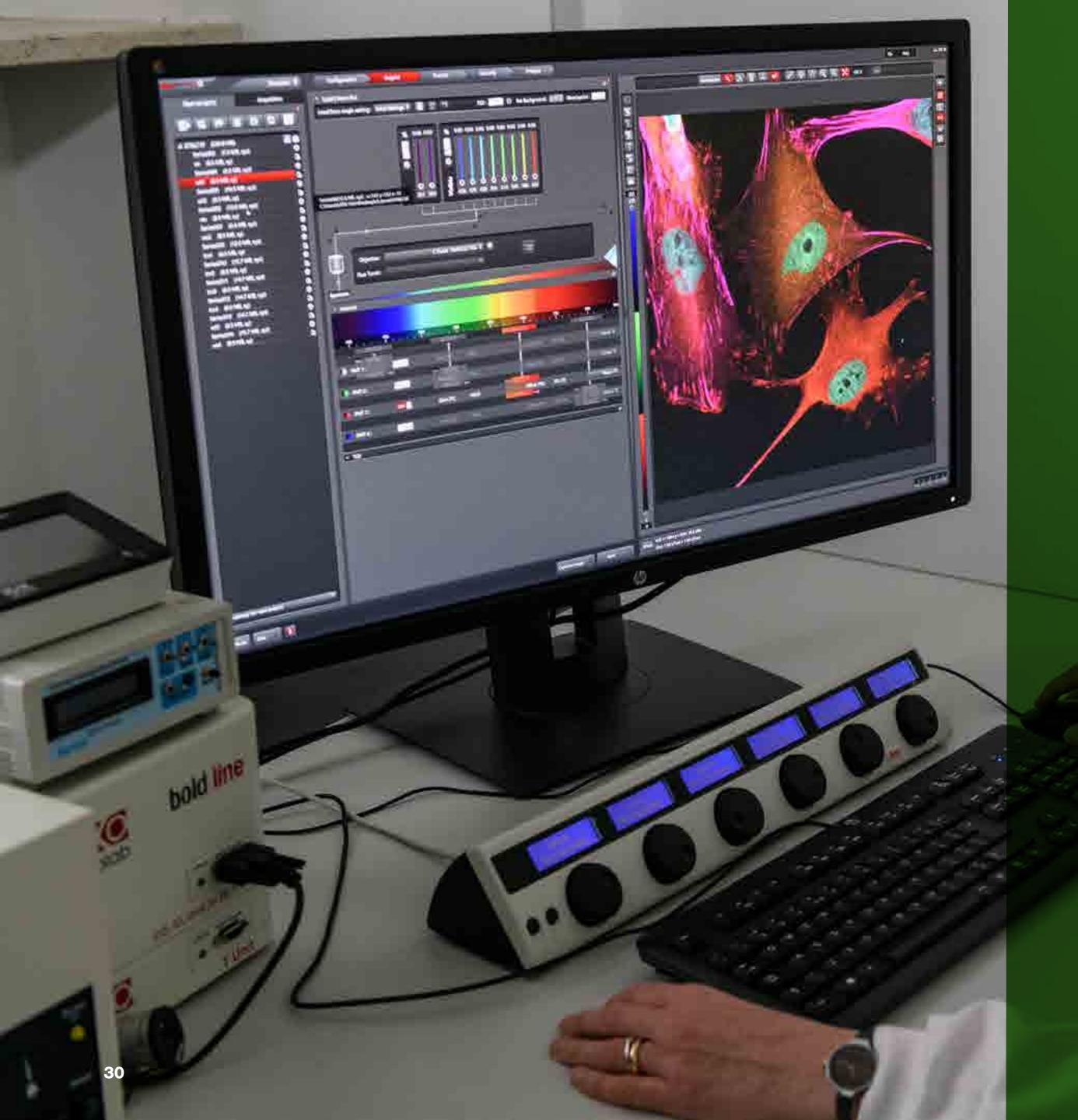


### 4 Strategic goals

Gradually characterise research and educational offer

## Gradually characterise research and educational offer

### The actions



The University advances an integrated, interdisciplinary and international vision founded on its pillars: research and education

The University of Udine strongly believes that by implementing the principles set out by the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers it is possible to develop attractive, open and sustainable working conditions for its researchers, that may truly support the effectiveness and the productivity of their performances.



### Actions on Research

Promoting interdepartmental research that focuses on the issues that our University is vocated to and unites the contemporary with the future (8 interdisciplinary fields):

**Active Ageing** 

Food and agri-food

Sustainability of production processes, energy (green economy)

**Artificial intelligence** 

Interculturalism

**Digital humanities** 

**Governance and digital PA** 

Institutions and supranational relations

### 4 Strategic goals

# OBJECTIVE ACTIONS RESEARCH

### Actions on Research

2 Supporting departmental research in order to improve the University's performance in the next round of RQA (Research Quality Assessment)

Increasing laboratory capacity and improving facilities

Encouraging the submission of projects to national and international calls for proposals

4 Strategic goals



### Actions for Research

Strengthening and increasing partnerships with organisations and companies, as well as participation in international projects

Fostering participation in national and international networks

4 Strategic goals

# OBJECTIVE ACTIONS RESEARCH

### 4 Strategic goals

Gradually characterise research and educational offer

### Indicators\*

### **INDICATORS**

permanent

and teaching

for faculty and

researchers and

large workshops)

### **INITIAL VALUES**

### **TARGET FOR 2025**

Average values per capita

Average values per capita

Spaces (m2) devoted to research and 45.4

teaching activities

for the University's

laboratories, offices

faculty (research

Source: Ministerial databases

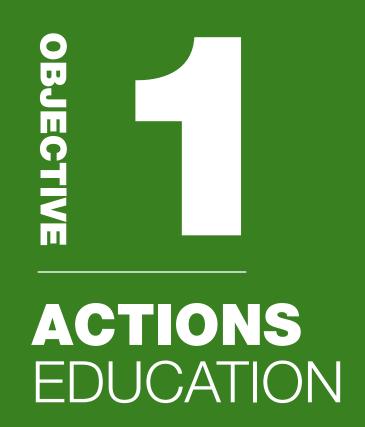
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Source: Ministerial databases

\*By December 2022 the Research Committee will draw up a set of indicators required to regularly monitor the impact of research on Research Quality Assessment.

Based on a proposal by the Rector, the Governance

will define targets for each Department and the University as a whole.



### 4 Strategic goals

Gradually characterise research and educational offer

### Indicators

**INDICATORS** 

**TARGET FOR 2025** 

Scholarships for the "Impresa magistrale" project

20

Source: University DataWarehouse

**INDICATORS** 

**TARGET FOR 2025** 

PhD scholarships, co-financed with external funds

25

Source: University DataWarehouse



### Actions on Education

1

Promoting courses (Bachelor's and Master's degrees) that encompass the 8 new interdisciplinary fields:

**Active Ageing** 

Food and agri-food

Sustainability of production processes, energy (green economy)

**Artificial intelligence** 

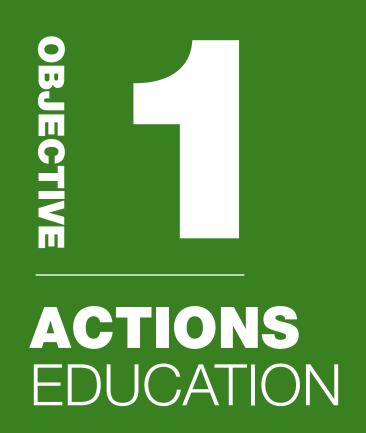
Interculturalism

**Digital humanities** 

Governance and digital PA

Institutions and supranational relations

4 Strategic goals



### Actions on Education

Increasing the number of courses that favour the acquisition of transversal skills

Increasing the amount of teaching material available to students

4 Strategic goals

Gradually characterise research and educational offer



### Actions on Education

4

### Strengthening innovative teaching

Setting up a scenario analysis so as to map practice in national and international universities. Experimenting new teaching methods, focusing on interdisciplinarity and practical education.

4 Strategic goals

Gradually characterise research and educational offer

Increasing space dedicated to practical teaching methods



Gradually characterise research and educational offer

### Indicatori

favouring the

acquisition of

transversal skills

	INDICATORS	IINITIAL VALUES	TARGET FOR 2025
1	Number of courses	79	85
	of study	Source: University DataWarehouse	Source: University DataWarehouse
2	Number of students enrolled	4,403	4,817
		Source: University DataWarehouse	Source: University DataWarehouse
3	Number of students		
J	enrolled in courses	200	900

Source: Ministerial databases

Source: Ministerial databases

### **OBJECTIVE ACTIONS** EDUCATION

### Strategic goals

Gradually characterise research and educational offer

### Indicatori

#### **INDICATORS**

**Number of courses** that experiment with innovative teaching

**TARGET FOR 2025** 

Source: University DataWarehouse

**Percentage of** 

courses that have made recorded lectures and/or teaching material available to students

80%

Source: University DataWarehouse



Consolidate sectors that distinguish and qualify research and education, and govern interdisciplinary areas

## Consolidate sectors that distinguish and qualify research and education, and govern interdisciplinary areas



## OBJECTIVE ACTIONS

### 4 Strategic goals

Consolidate sectors that distinguish and qualify research and education, and govern interdisciplinary areas

### Actions

- Strengthening the features that distinguish and qualify research by encouraging interdisciplinary interaction
- Reinforcing the existing educational offer by aligning it with the evolution of knowledge



Consolidate sectors that distinguish and qualify research and education, and govern interdisciplinary areas

### Indicators

**INDICATORs** 

**TARGET FOR 2025** 

Number of interdisciplinary projects

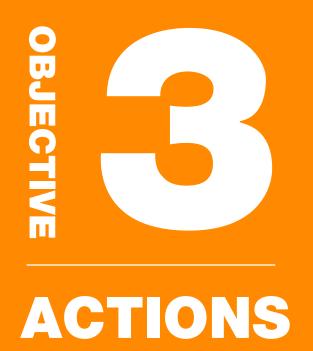
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Source: University DataWarehouse

Number of courses of study with re-oriented programme regulations

18

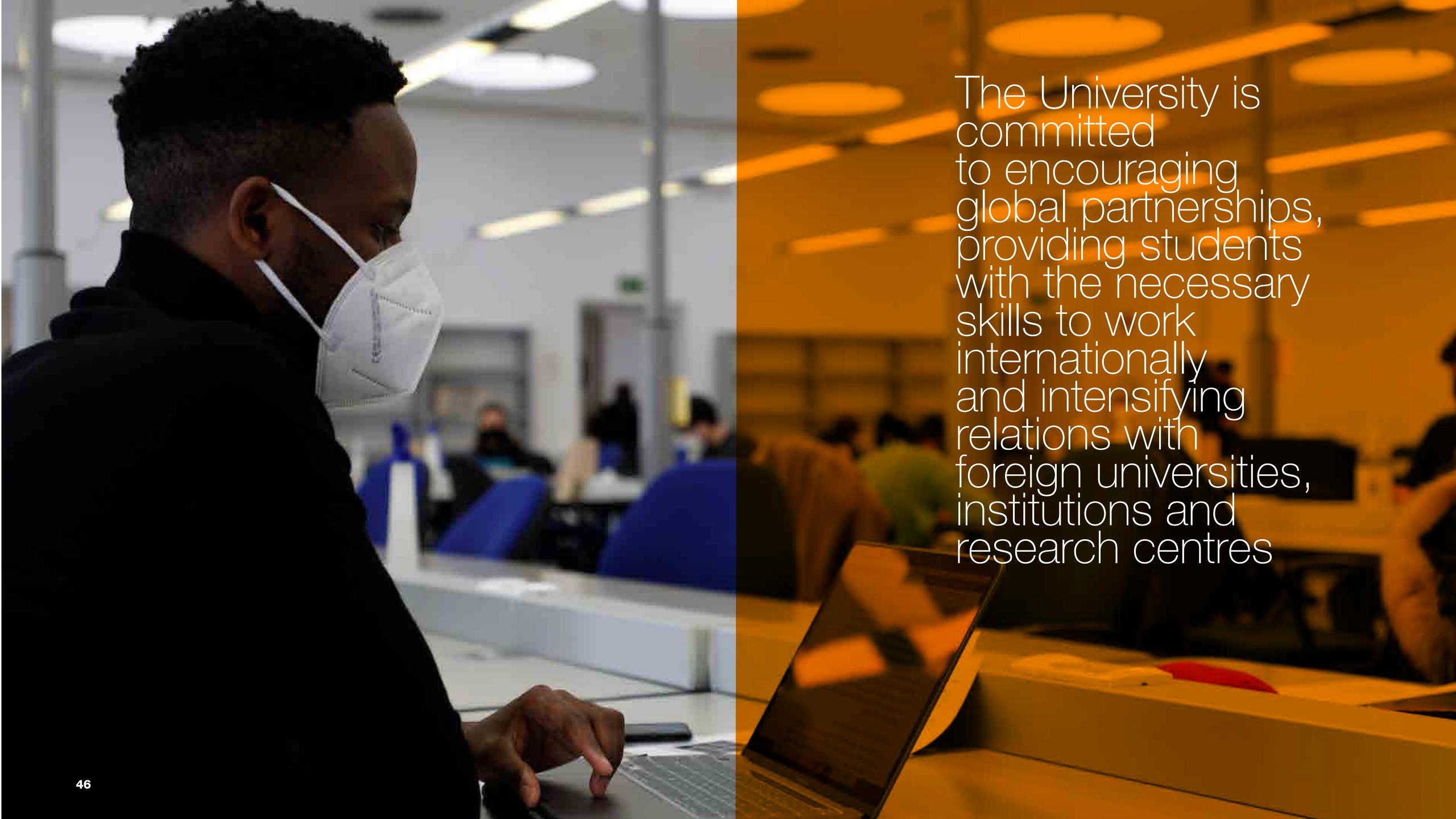
Source: University DataWarehouse



### 4 Strategic objectives

Integrate research and education in an international dimension

## Integrateresearch and education in an international dimension





### Actions on research

Developing a policy on international partnerships

Promoting the mobility of ideas and knowledge by supporting the international mobility of PhD students and young researchers for periods of study and research abroad

4 Strategic objectives

Integrate research and education in an international dimension



### 4

**Strategic** 

objectives

Integrate research and education in an international dimension

### Actions on Teaching

Strengthening students' language skills

Supporting international education through new forms of student mobility: internships, theses, intensive programmes, curricular study trips, double degrees



#### 4 Strategic objectives

Lower the average age of faculty and researchers

## Lower the average age of faculty and researchers



## OBJECTIVE ACTIONS

### Actions on Research

Increasing the number of scholarships and the attractiveness of PhD courses, focusing on an international dimension and cross-border issues

Enhancing attractiveness for young researchers who have won competitive calls for proposals

4 Strategic objectives

Lower the average age of faculty and researchers

Encouraging and strengthening project-planning in competitive calls for proposals, specifically with regard to young researchers



### Actions on Education

Promoting the recruitment of young talents to cover positions in basic and characterising disciplines

4 Strategic objectives

Lower the average age of faculty and researchers

## OBJECTIVE ACTIONS

### 4 Strategic objectives

Lower the average age of faculty and researchers

### Indicators

**INDICATOR** 

**INITIAL VALUES** 

**TARGET FOR 2025** 

1

Ratio between students enrolled in the first year of PhD courses with scholarships and the total number of permanent faculty

10.4%

Source: Ministerial Databases

12.6%

Source: Ministerial Databases

2

Proportion of fixed-term researchers on the total number of permanent faculty

9.8%

Source: Ministerial Databases

16%

Source: Ministerial Databases



Reduce the number of student drop-outs

## Reduce the number of student drop-outs



## OBJECTIVE ACTIONS

### Actions on education

Preventing students from abandoning their studies or falling behind

Improving university choice guidance for school leavers

4 Strategic goals

Reduce the number of student drop-outs Ensuring actions that support inclusion and equal opportunities throughout the learning experience

## OBJECTIVE ACTIONS

### 4 Strategic goals

Reduce the number of student drop-outs

### Indicators

**INDICATORS** 

**INITIAL VALUES** 

**TARGET FOR 2025** 

1

Proportion of students (Bachelor's, Master's and Single-cycle Degrees) graduating within the normal course duration

57.0%

Source: Ministerial Databases

65.2%

Source: Ministerial Databases

2

On the whole, are you satisfied with the quality of the guidance service?

Aver

72%

Average figure in the last three years\*. Source: University DataWarehouse

**75%** 

Data recorded at the conclusion of the strategic plan\*

Source: University DataWarehouse

3

On the whole, are you satisfied with the actions supporting inclusion and equal opportunities?

Questionnaire on student satisfaction

Questionnaire on student satisfaction

80%

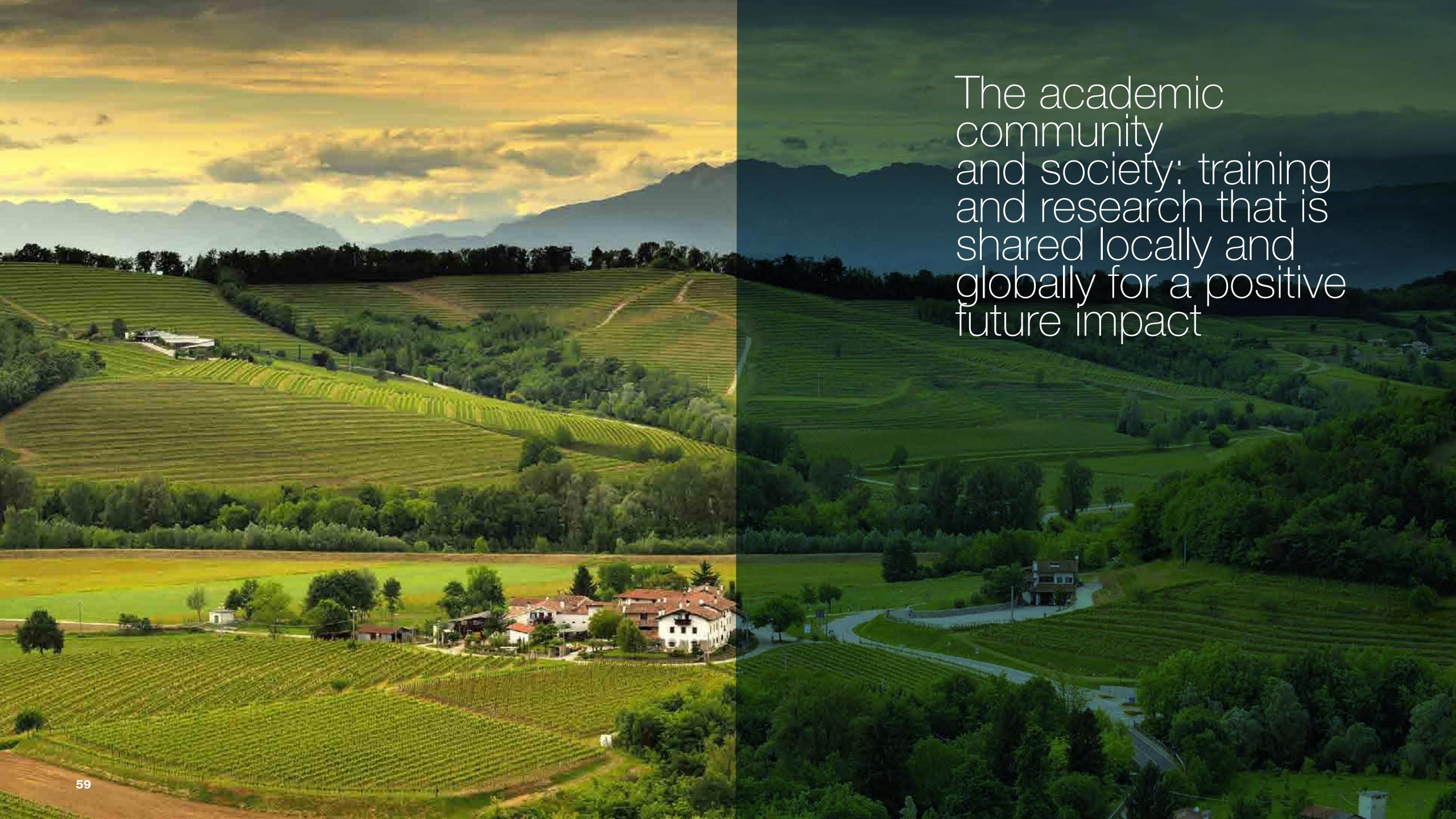
Data recorded at the conclusion of the strategic plan\* Source: University DataWarehouse

<sup>\*</sup> The assessment scale goes from 1, «disagree», to 6, «agree» and the calculation was carried out considering the ratio between the number of responses at 4, 5 and 6 and the total number of responses



Strengthen the third mission: the University as an agent of local area development

## Strengthen the third mission: the University as an agent of local area development





Strengthen the third mission: the University as an agent of local area development

### Third mission players and actions

- Cantiere Friuli promotes context analysis and scenario evaluation used by local and institutional decision-makers
- Uniud Lab Village advances and carries out joint business-university research to support the economic and business development of the local area
- Universities and towns: how the University interacts with the towns hosting University sites



Strengthen the third mission: the University as an agent of local area development

### Indicators

Number of laboratories operating at the Uniud Lab Village

INITIAL VALUES

TARGET FOR 2025

Source: University DataWarehouse

TARGET FOR 2025

Source: University DataWarehouse

Festivals related to the educational offer in the towns hosting University sites

Source: University DataWarehouse



Develop university buildings and improve their energy efficiency

## Develop university buildings and improve their energy efficiency



## OBJECTIVE ACTIONS

### Actions

### Preparing new spaces:

- New bio-medical centre
- Classrooms in the law centre
- Completion of the Uniud Lab Village project
- Extension of the humanities library

4 Strategic goals

Develop university buildings and improve their energy efficiency Improving the energy efficiency of existing buildings by means of:

- Energy production from renewable sources
- Works to enhance the energy efficiency of existing premises

## OBJECTIVE ACTIONS

### Indicators

**INDICATORS** 

**TARGET FOR 2025** 

Reducing energy consumption

-25%

Compared to 2021 Source: University DataWarehouse

4 Strategic goals

Develop university buildings and improve their energy efficiency



Consolidate the teaching and research support provided by technical and administrative staff

## Consolidate the teaching and research support provided by technical and administrative staff



Organisational equilibrium, in a climate of cooperation geared towards innovation



### **Strategic**

Consolidate the

### Actions

### Investing in the training and development of technical and administrative staff:

- by encouraging the learning of new skills (reskilling) and improving existing skills (upskilling)
- by activating development and growth paths for technical and administrative staff

### Promoting the digitalisation of operational processes:

- by simplifying the procedures for the procurement of goods and services
- by completing the digitalisation of the flow of departmental documents (teaching and research)
- by extending the use of digital signatures
- by improving access to information and to management applications

teaching and research support provided by technical and administrative staff



Consolidate the teaching and research support provided by technical and administrative staff

### Technical-administrative

**INDICATORS** 

#### **INITIAL VALUES**

#### **TARGET FOR 2025**

1

#### **STUDENTS**

"On the whole, are you satisfied with your university experience?" (questionnaire of Student Satisfaction)

85%

Average figure in the last three years Source: University DataWarehouse

87%

Data recorded at the conclusion of the Strategic Plan Source: University DataWarehouse

FACULTY

Degree of satisfaction with the services received

80%

Data recorded at the conclusion of the strategic plan Source: University DataWarehouse



Medium-term economic and financial sustainability

## Medium-term economic and financial sustainability





### Actions

Making structural costs more efficient

Stabilising the proportion of income from student fees

Increasing enrolments

Stabilising resources deriving from the Ordinary Financing Fund (public funding)

### 4 Strategic goals

Medium-term economic and financial sustainability



Medium-term economic and financial sustainability

### 2022-2025 Resources and Coverage

RESOURCES	AMOUNT
Department Plans	8,500,000
University Actions	4,100,000
Buildings and infrastructure	15,900,000
Energy efficiency	1,500,000
TOTAL	30,000,000

AMOUNT
3,500,000
3,700,000
900,000
1,500,000
1,000,000
3,500,000
15,900,000
30,000,000



Medium-term economic and financial sustainability

## Net equity variation 2021-2025

DESCRIPTION	VALUE AS OF DEC. 31, 2021	<b>VALUE AS OF DEC. 31, 2025</b>
I - University endowment fund	1,277,581	1,277,581
I – University endowment fund	1,277,581	1,277,581
1) Funds committed by third parties	169,668	169,668
2) Funds committed by institutional bodies	17,119,585	20,400,000
3) Committed reserves (for specific projects, legal obligations, or other)	26,090,806	26,090,806
II - Committed equity	43,380,059	46,660,474
1) Operating result for financial year	0	0
2) Operating result relative to previous financial years		18,105,165
3) Statutory reserves	0	0
III - Uncommitted equity	28,805,165	18,105,165
TOTAL NET EQUITY	73,462,805	66,043,220

# Activities aimed at achieving the strategic goals, to be implemented by March 2023

Activities aimed at achieving the strategic goals, to be implemented by December 2022

### **DEPARTMENTAL RESEARCH**

### **Instruct Research Committee to identify:**

- annual indicators that have an impact on the RQA and that can be used to reward departments
- annual RQA indicators in those sectors of the Departments that are qualifying and strategic
- indicators of results that can lead to rewards for "discovery science/curiosity-driven research and for technological transfers to industry"

Activities aimed at achieving the strategic goals, to be implemented by December 2022

### INTERDEPARTMENTAL PROJECTS

### After the approval of the Strategic Plan, presentation by the Departmental Directors to the Senate and to the Board of Directors of a detailed analysis of each project, specifying:

- person in charge/PI (Interdepartmental Project)
- time plan for the activities
- stakeholders
- output
- impact on departmental teaching
- project progress reports in order to plan the use of allocated resources

### Identify a reward criterion for those Departments that use interdepartmental projects in order to set up:

- third mission actions
- research projects on competitive calls for proposals
- training activities consistent with the 8 interdisciplinary areas that characterise the Strategic Plan

Activities aimed at achieving the strategic goals, to be implemented by December 2022

#### RESEARCH

#### **Instruct the Research Committee to:**

### identify activities useful for:

- strengthening and increasing partnerships with organisations and companies, as well as international projects and other forms of collaboration;
- encouraging participation in events that promote and disseminate research,
   as well as national and international conferences and conventions

### set out a University action plan for:

- periodic monitoring of the impact of research activity on Research Quality Assessment (RQA) indicators;
- communicating the results achieved both inside and outside the University.

Activities aimed at achieving the strategic goals, to be implemented by December 2022

### AVERAGE AGE AND ATTRACTIVENESS OF TEACHING AND RESEARCH STAFF

### After consulting their respective Committees, instruct the Delegates to Research and to Teaching and Education to:

- submit to the Senate and to the Board of Directors, after the approval of the Strategic Plan, a project containing specific actions to make the University more attractive to young researchers;
- carry out periodic monitoring on the effectiveness of the actions.

Activities aimed at achieving the strategic goals, to be implemented by December 2022

### **EDUCATION**

Presentation by the Department Directors to the Senate and to the Board of Directors of the schedules for actions provided for in the Departmental Plans regarding new educational projects and the substantial review of accredited courses, focusing specifically on:

- contents that are in line with the "Guidelines" of the PQ of April 8, 2022
- the need for high-profile faculty, either permanent or fixed-term

Instruct the Education Committee to set up periodic monitoring of those degree courses with evident low-attractiveness trends, so that plans for their subsequent revision can be drawn up by the Course Coordinators and Heads of Department

Instruct the Delegate to Teaching and Education, supported by the Education and Student Services Division, to draw up an analysis of scenarios so as to be able to map practice at national and international universities

Instruct the Internationalisation Committee to draw up an operational plan to be presented to the Senate and to the Board of Directors, geared to implementing the actions envisaged for achieving the strategic goal regarding internationalisation



### Annexes

Departmental projects in support of the goals of the Strategic Plan

#### Annexes

Departmental projects in support of the goals of the Strategic Plan

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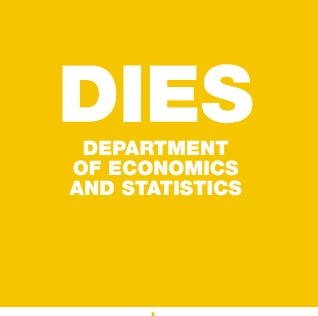


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DEPARTMENT OF AGRICULTURAL

**FOOD, ENVIRONMENTAL** 

**AND ÁNIMAL SCIENCES** 



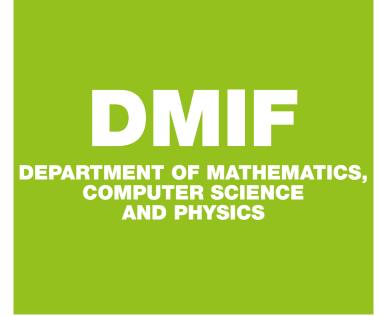








RESEARCH | EDUCATION |



**DEPARTMENT OF LANGUAGES** 

AND LITERATURE, COMMUNICATION, TRAINING AND SOCIETY











