UNIVERSITY OF L'AQUILA

AND THE U.N. SUSTAINABLE DEVELOPMENT GOALS

REPORT 2022-2023

UNIVERSITY OF L'AQUILA
SUPPORTS THE SUSTAINABLE
DEVELOPMENT GOALS

UNIVERSITÀ
DEGLI STUDI
DELL'AQUILA

SUSTAINABLE
DEVELOPMENT
GOALS

REMARKS

This document provides an overview of the actions towards SDGs performed by **UnivAQ** in the implementation of its missions.
Details on the results are contained in the specific pages of the website, to which links are provided.

This **Report on U.N. Sustainable Development Goals 2022-2023** has been drafted by a dedicated Working Group, coordinated by

Anna Tozzi, Rector's Consultant for Internationalisation Policies

Annamaria Nardecchia, Head of Planning and Support Office for Supervisory Bodies

Massimiliano D'Innocenzo, staff of University Fundraising and Project Management Sector

 with the participation of the

- Vice Rectors and Rector's Delegates who provided policy insight concerning the state of art of the Strategic Plan 2020-2025 implementation

- Heads of Administration Structures who provided data and documents concerning the achieved results addressing the SDGs targets, as well as the Regulatory Framework

- Other working groups, committees and referents such as

- o the Guarantee Act Committee (CUG),
- o the Gender Balance Committee,
- o the Commission for Disabilities,
- o the Energy Manager,
- o the Mobility Manager
- o the Disability Manager

who issued specific Plans and Reports that provide evidence for the data elaborated in this document.

Regulatory framework
- University Statute
- Code of Ethics and Behaviour
- Code of Conduct for protecting the dignity of the   person and preventing and combating sexual harassment
- Student Bill of Rights
- General University Regulations
- Student Services and Facilities
- Student Ombudsperson
- The confidential Counsellor
- Linee Guida *Per un uso della lingua italiana rispettoso dei generi /* Guidelines *For a gender-sensitive Italian Language*

Plans and Reports
- Strategic Plan 2020-2025
- Positive Actions Plans (PAP) 2022 , since 2023 part of the Integrated Performance and Organisation Plan (PIAO 2023, page 17)
- Gender Equality Plan (GEP) 2021
- Welfare and Well-being Plan 2022 included in the Performance Report (Section 1.6.13)
- Integrated Performance and Organisation Plans
- Erasmus Charter for Higher Education 2021/2027
- Erasmus Policy Statement 2021-2027
- Budget and financial Statements
- Social Responsibility Reports, integrated with the Performance Annual Reports
- Gender Equality Report 2021
- Construction development plan
- Greenhouse gas emissions inventory, updated 2022

CONTENTS

METHODOLOGICAL NOTE

This report was formulated by a dedicated Working Group that collected and analysed data and documents produced at University of L'Aquila from January 2022 to December 2023. Data concerning teaching activities refer to academic years 2021-22 and 2022-23.

REPORT STRUCTURE

The *Rector's foreword* focused on the Institution's commitment to the sustainable development is followed by "*UNIVAQ in numbers*" and "*SDGs @ UNIVAQ*", graphic representations of the key figures and facts related to the University and its contribution to the SDGs.
The following 17 sections display the outputs and outcomes of the diversified activities carried out at UNIVAQ on each U.N. 2030 SDG, assessed against specific indicators for the 4 dimensions: Teaching, Research, Third Mission and Institution.

METHODOLOGICAL APPROACH

The data analysed and assessed come from
- the University Data Warehouse publicly available on the institutional website,
- content and aims of research projects and cooperation programmes as reported in the dedicated websites,
- SCOPUS queries through targeted sets of keywords,
- publications/reports/plans produced by committees, other working groups, delegates and referents (such as the Vice Rectors, the Guarantee Act Committee-CUG, the Gender Balance Committee, the Commission for Disabilities, the
Equality and Equal Opportunities Referent, the Gender Medicine Referent, the Digital Transition Referent, the Energy Manager, the Mobility Manager, the Disability Manager) that provide evidence for this document.

The methodology adopted to identify the contribution of the university's activities to the advancement of the United Nations 2030 Agenda, has been conceived in order to measure their direct and indirect impact on teaching and training, research and social innovation, public engagement and social responsibility, institutional structure and set-up, as specified in the sections below.

Indicators and Metrics adopted for each SDG

RESEARCH

PUBLICATIONS: number of articles
That number was taken from the Scopus database, considering all articles (2017-2023) with an author affiliated with University of L'Aquila containing the keywords identified by Scopus for each SDG, except for the 17 Goal: Partnership for the goals, generated by Elsevier.

RESEARCH PROJECTS: number
The number of FP7, H2020, HORIZON EUROPE, LIFE, INTERREG and NATIONAL RESEARCH PROJECTS active in 2022 and 2023 addressing, for each SDG, at least one of the targets (a set of keywords has been developed)

RESEARCH CONTRACTS: number
The number of research contracts/conventions subscribed by the university with national and international, private and public bodies.

TEACHING

COURSE UNITS: number for each SDG
This data came from a survey investigating the link between the single course unit of a study programme and the U.N. Sustainable Development Goals. The survey followed a training addressed to academic and administrative staff on the principles underneath each goal and the local and global vision of them. More than 92% of course units of the two academic years 2021-22 and 2022-23 have a link with at least one SDG.

COOPERATION AGREEMENTS, TEACHING AND MOBILITY PROJECTS: number
The number of teaching and mobility cooperation projects active in the years 2022-2023.

THIRD MISSION

COOPERATION AND SOCIAL ENGAGEMENT RESEARCH PROJECTS: number for each SDG
The number of projects active/initiated in the period 2020-2023

PATENTS AND SPIN OFFS: number
The number of patents and spin offs active/initiated in the years 2020-2023

INSTITUTION

INFRASRUCTURES: number
The number of tangible and intangible infrastructures/assets for capacity building of academic community towards SDGs

GOVERNANCE BODIES, COMMITTEES: scope and roles
The governance resolution for their establishment

REGULATIONS: aims and scope
The motivation underneath their issuing, including the University Statute

PARTNERSHIPS AND AGREEMENTS: number
Number and Scope of the subscribed documents.

FOREWORD

UNIVAQ's commitment to sustainable development

The complexity of the phenomena that characterize the present society and affect people's lives and future, is a huge challenge that requires a common approach based on scientific knowledge and innovative multidisciplinary methods. Today, more than ever, universities are required to enhance their civic engagement at both national and international level and develop a new structure of knowledge production and a different assessment and understanding of the constitutive elements of innovation that overcome the present boundaries between the well-established categories and sectors, such as products, processes, goods, or services.
Well aware that the education of new generations and the research activities have a direct and indirect impact on the local and global society and that the success depends on the ability to influence the decision making levels, the University of L'Aquila has established a network of social actors and stakeholders locally and around the world, and cooperated with them in a process of re-invention of proper forms of solidarity and construction of an inclusive and innovative society based on the fundamental values underneath research and teaching.
This Report describes in a synthetic way the contribution by the university of L'Aquila towards the achievement of the 17 Goals of the U.N. Agenda 2030, over the time span of the two year 2022-2023, and, together with the previous one covering the years 2020 and 2021, constitutes an important tool for assessing the strategies and choices in terms of sustainability, in its broadest sense.
Both Reports provide data for a "**Sustainability Report**" on which preparation all the constituent parts of the academic community in cooperation with the external stakeholders are working in line with the **Global Reporting Initiative** guidelines (GRI-2021), by assessing the results achieved in the four areas of intervention of the Strategic Plan 2020-2025 against the Sustainable Development Goals and the Italian National Recovery and Resilience Plan (NRRP).
In conclusion, through these Reports, the University of L'Aquila wants to highlight how in this 4-year path towards being a sustainable University, has acquired the necessary awareness and competence in the four phases of planning, organizing, controlling and improving its work in a global perspective looking at the future.

Edoardo Alesse
Rector

The University of L'Aquila, through a renovated methodology for the data collection and valorization and integration of the documents, reports and performance assessments, had the opportunity to measure its capacity to cope with the global challenges and contribute to the achievement of the 17 SDGs.
The work done towards the SDGs have been assessed by **Times Higher Education Impact Ranking**, to which the university took part since the first edition and **UI GreenMetric World University Rankings.**

THE Impact Rankings 2022-23

In the exercises 2022 and 2023, the University has been ranked top 100 in 3 and 5 SDGS, respectively

2022

10th	89th	90th
4 QUALITY EDUCATION	5 GENDER EQUALITY	8 DECENT WORK AND ECONOMIC GROWTH

and in the range 101-200 in the SDG 3, 5, 12.

2023

7th	73rd	83rd
4 QUALITY EDUCATION	8 DECENT WORK AND ECONOMIC GROWTH	13 CLIMATE ACTION

32nd	30th
5 GENDER EQUALITY	3 GOOD HEALTH AND WELL-BEING

and in the range 101-200 in the SDG 9, 10 , 12. 16

UI GreenMetric WUR 2022-23

Measures the structural and behavioral changes promoted by the universities in 6 macro-areas of intervention:
SI: Settings & Infrastructures
EC: Energy & Climate Change
WS: Waste
WR: Water
TR: Transportation
ED: Education & Research.
University of L'Aquila ranked among about 1000 institutions, globally
30th in **2022,** and **29**th in **2023**

UnivAQ IN NUMBERS

3
**CAMPUSES
ROIO, COPPITO
CITY CENTER**

7
DEPARTMENTS

3
**RESEARCH CENTERS
OF EXCELLENCE
5
RESEARCH CENTERS**

1
**ALPINE BOTANIC
GARDEN**

3
LIBRARIES

215
**RESEARCH AND
TEACHING
LABORATORIES**

1
MUSEUM

1
**ARCHEOLOGICAL
SITE**

31 FIRST CYCLE DEGREE
PROGRAMMES

36 SECOND CYCLE DEGREE
PROGRAMMES
(**15** INTERNATIONAL)

4 UNIQUE CYCLE DEGREE
PROGRAMMES

12 PhD SCHOOLS

32 SPECIALISATION
COURSES

26 POST-GRADUATE
VOCATIONAL,
SPECIALISATION AND LLL
COURSES

2022: 18973
2023: 18548
**TOTAL NUMBER OF STUDENTS
ENROLLED** IN DEGREE
PROGRAMMES OF ALL LEVELS,
SPECIALISATION, POST-
GRADUATE TRAINING AND LLL
PROGRAMMES

2022: 4,5%
2023: 6,4%
**INTERNATIONAL STUDENTS
ENROLLED** IN DEGREE
PROGRAMMES OF ALL LEVELS
OF WHICH
2022: 32%
2023: 43%
FROM DEVELOPING COUNTRIES

2022: 1.170
2023: 1.216
**TOTAL NUMBER OF
EMPLOYEES**

OF WHICH
2022: 739
2023: 770
ACADEMIC STAFF

SDGs @ UnivAQ – KEY DATA

TEACHING

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80 P
DEGREE AND SPECIALISATION PROGRAMMES (ANY LEVEL)
GLOBALLY ADDRESSING ONE OR MORE SDGs

3833 CU
COURSE UNITS
ADDRESSING ONE OR MORE SDGs

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1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION
173CU&6P	**142CU&2P**	**904CU&23P**	**841CU&4P**	**148CU&6P**	**91CU**

7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
154CU&1P	**115CU&3P**	**270CU&3P**	**207CU&6P**	**210CU&7P**	**145CU**

13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS
167CU&1P	**103CU&3P**	**132CU&3P**	**198CU&9P**	**272CU&3P**

SDGs @ UnivAQ – KEY DATA

RESEARCH

448 P
FP7, H2020, H-Europe, LIFE, INTERREG **RESEARCH PROJECTS**
ADDRESSING
ONE OR MORE SDGs

73 C
INTERNATIONAL AND NATIONAL
RESEARCH CONTRACTS
ADDRESSING
ONE OR MORE SDGs

1 NO POVERTY	**2** ZERO HUNGER	**3** GOOD HEALTH AND WELL-BEING	**4** QUALITY EDUCATION	**5** GENDER EQUALITY	**6** CLEAN WATER AND SANITATION
14P	24P	60P&15C	24P&7C	19P	8P
7 AFFORDABLE AND CLEAN ENERGY	**8** DECENT WORK AND ECONOMIC GROWTH	**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE	**10** REDUCED INEQUALITIES	**11** SUSTAINABLE CITIES AND COMMUNITIES	**12** RESPONSIBLE CONSUMPTION AND PRODUCTION
24P &5C	12P&2C	109P&21C	13P	48P&16C	33P&2C
13 CLIMATE ACTION	**14** LIFE BELOW WATER	**15** LIFE ON LAND	**16** PEACE, JUSTICE AND STRONG INSTITUTIONS	**17** PARTNERSHIPS FOR THE GOALS	
32P&4C	28P&5C	27P&3C	25P&6C	19P&5C	

SDGs @ UnivAQ – KEY DATA

THIRD MISSION AND SOCIAL ENGAGEMENT

195 CP
COOPERATION PROJECTS AND
TEACHING COLLABORATION PROJECTS
ADDRESSING
ONE OR MORE SDGs

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION
26CP	**4CP**	**4CP**	**26CP**	**9 CP**	**3CP**

7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
6CP	**10CP**	**16CP**	**14CP**	**17CP**	**7CP**

13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS
7CP	**4CP**	**5CP**	**21CP**	**13CP**

SDGs @ UnivAQ – KEY DATA

INSTITUTION

13 PL
POLICY AND STRATEGIC PLANS
GLOBALLY ADDRESSING ONE OR MORE SDGs

39RE
REGULATIONS AND RESOLUTIONS
(DELEGATES, REFERENTS, COMMITTEES)
ADDRESSING ONE OR MORE SDGs

1 NO POVERTY	2 ZERO HUNGER	3 GOOD HEALTH AND WELL-BEING	4 QUALITY EDUCATION	5 GENDER EQUALITY	6 CLEAN WATER AND SANITATION
1PL&3RE	**1PL&2RE**	**2PL&4RE**	**3PL&9RE**	**5PL&9RE**	**1PL&2RE**

7 AFFORDABLE AND CLEAN ENERGY	8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES	11 SUSTAINABLE CITIES AND COMMUNITIES	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
1PL&5RE	**5PL&9RE**	**11PL&28RE**	**3PL&10RE**	**4PL&7RE**	**3PL&11RE**

13 CLIMATE ACTION	14 LIFE BELOW WATER	15 LIFE ON LAND	16 PEACE, JUSTICE AND STRONG INSTITUTIONS	17 PARTNERSHIPS FOR THE GOALS
4PL&8RE	**1PL&4RE**	**1PL&4RE**	**3PL&7RE**	**4PL&4RE**

1 NO POVERTY

TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
173 Course Units	**76** Publications		**1** Plan
6 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**13** Projects **1** Research Contract	**26** Projects **1** Cooperation Agreement	**3** Regulations, Resolutions

SDG1 is strictly connected with SDG4, SDG6, SDG10, since poverty is the consequence of low education, lack of clean water and hygiene and the main cause of inequalities at all levels. The contribution of UNIVAQ to the achievement of SDG1 concerns the implementation of actions aiming to support students from low income families and from poor countries to access higher education and complete their studies. The aim is to provide them with knowledge and skills to become actors for the social and economic development once back home and find a proper job.

Targeted policies in terms of teaching, research and third mission and the compliant regulatory framework have been established. The latter includes financial aids and tuition fee reduction, scholarships, mobility scholarships, agreements with local Transportation Agency for cost reduction, part-time employment (150 hours) for several activities in the framework of Students Services.

TEACHING
- **173** Course Units
- **2** Degree Programmes:
  o ECONOMICS AND MANAGEMENT
  o BUSINESS ADMINISTRATION, ECONOMICS AND FINANCE
- **4** Post-graduate vocational, specialization and LLL courses
  o Healthcare Management
  o Management for the Coordinating functions of health professions (Qualifying)

  o Emergency and Maxi Emergency in the Critical Area
  o Gender Medicine and Health: from Laboratory Research to Clinic and Healthcare Organisation

RESEARCH

- **76** Publications (Scopus 2017-2023)
- **14** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- University Corridors for Refugees – UNICORE
- **26** Projects

INSTITUTION

- **1** Plan
  o Welfare and Well-being Plan
- **2** Regulations, Resolutions
  o Economical Support to Low Income Students
  o Tuition fee reduction
  o Part-time jobs
- **Partnerships:**

  o RUniPace

2 ZERO HUNGER

TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
142 Course Units **2** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**76** Publications **24** Projects	**4** Projects	**1** Plan **2** Regulations, Resolutions

The actions of the university towards SDG2 are strictly connected with SDG8, SDG12 and SDG16 and concern research, knowledge transmission on a sustainable rural development, food security and healthy nutrition. At the same time the university ensures all students access to affordable food. This means reduced cost of meals at the canteens for students with low income, agreements with food stores and supermarkets offering discounts and vouchers to students and university staff. UNIVAQ contribution includes campaigns addressed to academic community and citizens promoting healthy nutrition and lifestyle as well as food waste reduction. The university cannot track the distribution and consumption of food at the canteens since this service is provided by ADSU (Azienda per il Diritto agli Studi Universitari) managed by the Region Abruzzo but can educate people on the importance of food security and sustainable agriculture and of the compulsory food waste reduction. Several events addressed to scientific communities but also to the citizens are yearly organized.
Research projects are also providing knowledge and skills to local farmers for the enhancement of the typical and niche high quality products, re-establishing in this way the ancient relationship between the city and the countryside.
The experiences are spread also to other regions in the world through several cooperation projects.

TEACHING

- **142** Course Units

- **1** Degree Programme
  o HEALTH AND NUTRITION BIOLOGY
- **1** Post-graduate vocational, specialization and LLL courses
  o Advanced training course in nutritional biology applied to reproductive health

RESEARCH

- **303** Publications (Scopus 2017-2021)

- **24** Projects

THIRD MISSION AND SOCIAL ENGAGEMENT

- **4** Projects

INSTITUTION

- **1** Plan
  o Welfare and Well-being Plan
- **2** Regulations, Resolutions
  o Economical Support to Low Income Students
  o Part-time jobs

3 GOOD HEALTH AND WELL-BEING

TEACHING
904 Course Units
23 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
2689 Publications
60 Projects
15 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
4 Projects

INSTITUTION
3 Plans
4 Regulations, Resolutions

The University of L'Aquila has a School of Medicine that offers, besides the two unique cycle six-years programmes of Medicine and Surgery and Dentistry a variety of Health Alliance Programmes at Bachelor and Master level in two Departments:
- Department of Biotechnological and Applied Clinical Sciences (DISCAB)
- Department of Life Health and Environmental Sciences (MESVA)

all addressing the SDG3 targets.
The teaching and research activities are characterised by a close integration with clinical care activities in several structures that operate in the Region Abruzzo in the framework of the "Servizio Sanitario Nazionale"- SSN. Thus, the contribution to SDG3 concerns research on emergent health issues, preparation of professionals in Medicine, Health Alliance and Public Health, and provision of services to the local and academic community. These activities contribute also to SDG8, SDG10 and globally with SDG1 and SDG2.

LOCAL COOPERATION

The Servizio Sanitario Nazionale – SSN provides all citizens with high level health & wellbeing services through the territorial departments called ASL (Aziende Sanitarie Locali), managed by the Regions.
These include hospitals and other medical health and care facilities providing diagnosis, specialized treatment for inpatient stays, rehabilitation, as well as preventive, promotional and educational activities.
The school of Medicine is integrated with 2 regional ASLs (the main hospitals are "San Salvatore" of L'Aquila and "Giuseppe Mazzini" of Teramo) through a convention that regulates the clinical activities of

university medical staff (professors, researchers, technicians, nurses, …) in all the specialties, within their structures and where graduate and post-graduate students of specialization schools are properly trained in the profession. For these activities specific agreements are subscribed also with other institutions and structures

OUTREACH ACTIVITIES

During the pandemic, post-graduate students of several medical specialties and health alliances greatly contributed to cope with emergencies. Indeed the pandemic highlighted the alarming shortage of specialist medical doctors in several essential fields of the Health Service as a consequence of the spending review that reduced the number of the available positions in the specialty schools, and some increase has been granted in the 2022 and 2023.
Together with the direct contribution to the health and well-being of the local community, the University is strongly committed to provide the people with an informed awareness of the increasing risks for the health & wellbeing, and with the correct knowledge of the scientific. advancements concerning the common and rare pathologies.
Outreach programmes/courses/events and projects developed and implemented in and with the local community, addressed to both scientists and general public, are offered every year and campaigns for prevention of cancer, strokes and other illnesses, promotion of correct lifestyle including nutrition and other hygiene relevant methods, family planning

	TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
3 GOOD HEALTH AND WELL-BEING	**904** Course Units **23** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**2689** Publications **60** Projects **15** Research Contracts	**4** Projects	**2** Plans **4** Regulations, Resolutions

and sexual and reproductive health are continuously organized. Services to the community, provided by staff and students also at volunteer's level, include support to families (autism, bullying, dementia, addiction, …).

INSTITUTION

- SACS - Listening and Counselling Service
National and International surveys and reports highlight as the present diverse student population reveals a complex set of mental health problems and distress. UNIVAQ is witnessing this phenomenon and the increasing support needs of international students, especially those from underdeveloped countries with immigrant/refugee-like status. This service, founded in 1991, is offering UNIVAQ students support and help in overcoming difficulties due to setbacks in their studies or psychological problems. Nowadays this service has proved to be fundamental. University academic staff contributes also in managing the U.O.S.D. Assistenza Consultoriale Area (a service addressing psychological distress, including prevention and care of psychological illnesses) organized and managed by the ASL within which UNIVAQ Medicine school is integrated.

- Dr. SeCS - Sexological Counselling
"Doctor SeCS" is the university center that offers sexological counselling services for all students enrolled in the university. A team of sexologists, psychologists and psychotherapists are available to help

students deal with problems related to sex, affective-relational issues and sexual identity. Dr. SeCS also aims at preventing sexual risk behavior by offering a service which is more specifically based on sexual education and guidance.

- DMTA - Molecular Diagnostics and Advanced Therapy Research Centre
The Centre, besides complex and competitive multi-disciplinary and integrated biological, translational and clinical research projects, provides requested services and consultation to external private and public bodies applying research outputs to real situations, in particular in clinical areas with the aim of providing precise and personalised diagnosis, therapy and prevention

- "Centi Colella" sports centre
The University sports centre is managed by the CUS (Centro Universitario Sportivo) L'Aquila. The centre is equipped with many sporting facilities in two main locations: Centi Colella, Coppito Campus.
On these structures several courses of the Sport Science degrees are implemented, but students of any programme can use them for leisure and physical activities.

- Smoke-free policy
In compliance with national laws University of L'Aquila issued very strict regulations for the surveillance. The rules are included in a detailed Plan addressing the risks prevention and management and ensuring the Workplace Safety and Security for the whole community.

3 GOOD HEALTH AND WELL-BEING

TEACHING
904 Course Units
23 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
2689 Publications
60 Projects
15 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
4 Projects

INSTITUTION
2 Plans
4 Regulations, Resolutions

TEACHING

- **904** Course Units

- **5** Degree Programmes
  o [E3M] HUMAN MOVEMENT AND SPORT SCIENCES
  o [P4Q] CLINICAL, APPLIED AND INTERVENTION PSYCHOLOGY
  o [D4A] HEALTH PROFESSIONS OF PREVENTION SCIENCES
  o MEDICINE AND SURGERY
  o DENTISTRY

- **18** Post-graduate vocational, specialization and LLL courses
  o Molecular Diagnostics of Genetic, Tumorous and Infective Diseases
  o Surgical Nursing for Operating Theatre Circulating Nurses and Robotic Technology Experts "Alessio Agnifili"
  o Applied Behaviour Analysis (ABA) and Evidence-based Techniques for the Treatment of Autistic Spectrum Disorders
  o Skeletal Muscle Interventional Radiology
  o Healthcare Management
  o Management for the Coordinating functions of health professions (Qualifying)
  o Clinical Nursing for Intensive Care Units and Emergency
  o Family and Community Health Care Nursing
  o Neuro-Ophthalmology and Visual Neuro-Rehabilitation
  o Obstetric pelviperineal rehabilitation
  o Adolescent and young adult medicine
  o Digital Dentistry: Diagnosis and Treatment Planning, General Dentistry and Oral Surgery, Orthodontics with Clear Aligners and Digital Smile Design
  o Emergency and Maxi Emergency in the Critical Area
  o Gender Medicine and Health: from Laboratory Research to Clinic and Healthcare Organisation
  o Occupational Medicine Specialist (Qualifying)
  o Specialization course in Autism Spectrum Disorder: from diagnostic evaluation to intervention design
  o Specialization course in Electric Energy Smart Management as part of the SITUM project
  o Advanced training course in nutritional biology applied to reproductive health

RESEARCH

- **2.689** Publications (Scopus 2017-2021)

- **75** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **4** Projects

INSTITUTION

- **2 Plans**
  o Positive Actions Plan – PAP
  o Welfare and Well-being Plan
- **4** Regulations, Resolutions
  o Student Services
  o Services for Disabled Students
  o The confidential Counsellor
  o "alias" career"

4 QUALITY EDUCATION

SDG4

QUALITY EDUCATION
Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

4 QUALITY EDUCATION

TEACHING
841 Course Units
4 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
15 Publications
24 Projects
7 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
26 Projects

INSTITUTION
3 Plans
9 Regulations, Resolutions

UnivAQ is strongly committed to continuously increase the quality of education as key tool for reducing inequalities and coping with the present social crisis, through the preparation of good teachers, the delivery of retraining and specialisation to all and the provision of methods and tools in support of disability of any kind. Providing good quality education ensures a satisfying life and work and contributes to the SDG8, SDG10 and indirectly SDG1.

In the present crisis and emerging new challenges University of L'Aquila plays its role of "Civic University" providing crucial education not only to its students, but also to the wider community at local and global level. Strategic plans are established to guarantee lifelong learning opportunities and intensive courses for all, to support and cooperate with primary and secondary schools, to enhance the participation and success of first-generation students and to ensure an inclusive environment.

INTERNATIONALISATION

The internationalisation strategy is an integral part of the University's institutional activity reinforced in the Strategic Plan 2020-2025. It concerns teaching, research and social commitment and is implemented through targeted and differentiated actions in Europe and beyond with an increasing focus on the global dimension.

Since more than two decades the University of L'Aquila has been cooperating with institutions from an increasing number of countries, through strategic partnerships, participation in international networks, agreements, exchanges and mobility at all levels, joint projects and actions funded under national and international competitive programmes and also with its own resources. These activities include 15 double/multiple/joint degrees, 4 Erasmus Mundus Joint Master Degrees, 25 curriculum development and capacity building projects around the world, in the EU, Central Asia, North Africa, the Middle East, Caucasus, Russia, China, Mongolia, Southeast Asia and South America.

In this highly international environment in 2023 the **European University Alliance EULiST** has been funded.

European Universities Linking Society and Technology - EULiST

EULIST is a European University Alliance founded in 2022. The Alliance seeks innovative ways of integrating the Social Sciences and Humanities (SSH) with the technological strongholds and impact-driven research capacities of the EULiST Members, focusing on the twin green and digital transition. At the same time, securing social cohesion is both a prerequisite for and a consequence of true sustainable development that needs to consider ecological, economic and societal goals (SDGs). By integrating perspectives from the social and technical sciences and boosting challenge-based learning, EULiST fosters innovation to build a more sustainable and globally engaged Europe and trains future generations of students, researchers, scholars and life-long learners to develop solutions to the grand challenges of today and tomorrow, notably climate change, digital transition and social cohesion.

4 QUALITY EDUCATION

TEACHING
841 Course Units
4 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
15 Publications
24 Projects
7 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
26 Projects

INSTITUTION
3 Plans
9 Regulations, Resolutions

Innovative Teaching and Learning

The University of L'Aquila has started the teaching innovation since several years in line with the policies adopted worldwide, including the ESG Guidelines.
The University revises continuously the programmes in a student-centered and multidisciplinary approach. Furthermore it is progressively increasing the flexibility of the study paths offering the students the possibility to divert from their main subjects and acquire skills useful for future studies and the world of work.
The aim is to provide the students of any curriculum with the transversal and transferable skills, that is those competences each individual needs for personal fulfilment and development, for employment, social inclusion and active citizenship.
To reach these goals, the University organizes every year several training sessions and workshops for providing the academic community with theoretical and methodological knowledge as a tool for improving the learning experience.

Dual degree

Soon after the approval of the legislative framework concerning dual apprenticeship courses for advanced training and research, at third level, in collaboration with the business world, UNIVAQ organized a pilot Dual Degree in Electrical Engineering, in cooperation with ENEL. The dual system is an integrated training model between training institutions and the world of work and provides young people with skills in line with the needs of industrialists and companies, bringing them closer to the world of work during their education and training path

The **RecoASIA** project aims at favouring and increasing the quality of vertical and horizontal mobility within the Asian and European higher education systems by increasing the recognition of qualifications within the Asian and European Region. During the project implementation several crisis around the world dramatically increased the **number of displaced people with refugee status.**
Thus, the participating Higher Education Institutions and t ENIC-NARIC, decided to focus part of the activities on the recognition practices of titles and credits of refugee students without proper documentation to fulfill the enrolment rules

The project **TEACH4EDU** has the objective to respond to the need of Industry 4.0 and support the corresponding transition of HEIs - in the field of Computer Science and related disciplines - towards Education 4.0 where humans and technologies are aligned with the aim to enable achievement of skills, competences and knowledge necessary in 21st century.
New forms of teaching, learning and assessment in CS in Edu 4.0 and related teachers' skills and competences, Learning Design models, Collaborative Teaching Methods for Joint Creative Classrooms, learning data to create evidence-based learning design decisions, are the main Outputs supporting the needed transformation.

4 QUALITY EDUCATION

TEACHING
841 Course Units
4 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
15 Publications
24 Projects
7 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
26 Projects

INSTITUTION
3 Plans
9 Regulations, Resolutions

INDICATORS for assessing QUALITY EDUCATION

-Degree programmes (all levels)   **137**
-Degree programmes taught in English   **14**
-Specialisation, professional post-graduate
-LLL programmes   **60**
-Students satisfied of the courses   **91%**
-Graduates within regular enrollment   **69%**
-International students (UE and Extra-UE)
        A.Y. 2021-2022   **2%**
        A.Y. 2022-2023   **5%**
-Proportion of first-generation students starting a degree on total number of students starting a degree
        A.Y. 2021-2022   **77,9%**
        A.Y. 2022-2023   **71,8%**
-Students accessing services for disabled
        A.Y. 2021-2022   **425**
        A.Y. 2022-2023   **273**

METHODS and TOOLS for ENHANCING QUALITY EDUCATION

- Teachers' training
- eTWINNING

Teachers' Training - The Vice Rector for Teaching organizes every year Training Meetings that offer an opportunity to explore issues relating to the innovation of university teaching, a place for comparison and exchange of good practices between the various teachers, the possibility to improve teaching effectiveness.
The cycles of seminars embrace different topics that touch on inclusion, the Goals of the 2030 Agenda, entrepreneurship and the third mission.

Initial Teachers Education (ITE): eTwinning in the training of future teachers

The **Primary Teacher Education** degree course offers its students the opportunity to participate in eTwinning Training in the form of an indirect internship, managed by tutors. Due to its flexibility, sustainability and openness to innovation and national and international comparison, eTwinning is particularly suitable for the training of future teachers, who will increasingly be called upon to use ICT in their daily teaching, to support communication and learning in a foreign language, to work on projects involving students actively and developing personalized learning paths that favor the development of key skills.

OUTREACH ACTIVITIES

University of L'Aquila undertakes educational outreach activities, as tailored lectures or demonstrations in campus and beyond, as in local schools and in the community.
They are:
- **Short Advanced Education Courses**, offering specialized knowledge in the field of cutting-edge, complex and multidisciplinary subjects, to graduates and people with professional experience. These courses may grant academic credits (ECTS)
- **Thematic Seminars**, intended for specialized and general public, focused on a specific topic that is explored with a different degree of detailed knowledge.
- I "Mercoledì della Cultura": meetings of university researchers with citizens in city pubs and other premises where several crucial topics are presented and discussed. These events named "Mercoledì della Cultura" started in 2016 and are yearly scheduled (on Wednesday)
- Street Science: Research at the Center. It is a demonstration and explanation of research activities performed by the

	TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
4 QUALITY EDUCATION	**841** Course Units **4** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**15** Publications **24** Projects **7** Research Contracts	**26** Projects	**3** Plans **9** Regulations, Resolutions

University. This event started in 2015 and is yearly organized in the framework of *"Researchers' night"*, celebrated in all university cities the last Friday of September. School students, citizens, tourists, are actively involved in the demonstrative experiments in the stands installed in the City streets.

TEACHING

- **841** Course Units
- **1** Unique Cycle Degree Programme in Primary Teacher Education
- **3** Post-graduate vocational, specialization and LLL courses
  o Integrative 24 credits on anthropo-psycho-pedagogical disciplines and in teaching methodologies and technologies - Percorsi formativi 24 CFU
  o Specialization Course on didactic support for pupils with disabilities - Corsi di specializzazione per il sostegno didattico agli alunni con disabilità
  o Strategic communication and critical thinking
- **6** projects for the quality enhancement of teaching methods:
  o Building Reliable Effective and Aware DIsaster emergency and prevention managing skills – **B-READI**
  o Developing interdisciplinary competencies in Smart Logistics - **INCO-SMRT**
  o Didactic QUALity Assessment for Innovation of Teaching and Learning Improvement – **QUALITI**
  o Accelerating the transition towards Edu 4.0 in HEIs - **TEACH4EDU**
  o Regional Cooperation in the field of recognition among Asian countries - **RecoASIA**

  o Academic Entrepreneurship Roadmap – **AcEntRoad**

RESEARCH

- **14** Publications (Scopus 2017-2021)
- **31** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **26** Projects

INSTITUTION
- **3** Plans
  o Gender Equality Plan - GEP
  o Positive Actions Plan – PAP
  o Welfare and Well-being Plan
- **9** Regulations, Resolutions
  o Student Services
  o Services for Disabled Students
  o University Library System
  o Online Libraries Services
  o Continuous Education Quality Assessment
  o Department of Excellence
  o Disability Manager
  o The confidential Counsellor
  o "alias" career

TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
148 Course Units	**54** Publications	**9** Projects	**5** Plans
6 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**19** Projects		**9** Regulations

Ensuring that women are provided with equal access to education and enjoy of the same opportunities in the job market as men as well as the same treatment in career progression is a fundamental social pillar. UNIVAQ contributes through campaigns against any kind of discriminations, short courses addressed to girls for promoting STEM studies, projects for curricula design in relevant fields containing gender issues. Special activities address the academic community aiming to enhance the gender equality, including economic support to students and staff with children.

UnivAQ collects and tracks by gender student-related and staff-related data according to several indicators.

MAIN INDICATORS

- Number of students starting a degree
    o A.Y. 2021-2022   **3534**
    o A.Y. 2022-2023   **3372**
- Number of female students starting a degree
    o A.Y. 2021-2022   **1775**
    o A.Y. 2022-2023   **1676**
- Number of senior academic staff
    o A.Y. 2021-2022   **387**
    o A.Y. 2022-2023   **478**
- Number of female senior academic staff
    o A.Y. 2021-2022   **222**
    o A.Y. 2022-2023   **170**

Engineering and Computer Science are still the fields where the gender gap in the student population is evident.

Targeted corrective actions like PINKAMP or "My future as Engineer" are organized every year to achieve a balanced female/male student rate in fields that suffer from relative low female presence.

OUTREACH ACTIVITIES

UnivAQ policy focuses on the importance to transmit the gender culture in the academic community and in the society. To achieve this, targeted information events are yearly organised in order to raise awareness on the still existing gender discrimination inside and outside the University environment. Furthermore, specific training for the acquisition of a gender-sensitive language has been delivered to the staff and a protocol for the correct use of words, has been approved in 2020.

To support the victims of domestic violence the university, together with CRUI, launched "Call 1522", a secure telephone number where victims can ask for help.

For protecting and supporting the victims, the Italian government issued the Law n.69/2019, according to the principles of Istanbul Convention 2011.

THE CONFIDENTIAL COUNSELLOR

nominated in 2023, is tasked with preventing, managing and helping to solve cases of discrimination, sexual harassment, moral or psychological harassment, mobbing and straining in the workplace and in study and research environments, which are brought to her attention.

This role is meant as a means of assurance, prevention and intervention in order to uphold and enforce the values listed in the Code of Ethics and in the Code of Conduct for the prevention of sexual and moral Harassment.

5 GENDER EQUALITY

TEACHING
148 Course Units
6 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
54 Publications
19 Projects

THIRD MISSION AND SOCIAL ENGAGEMENT
9 Projects

INSTITUTION
5 Plans
9 Regulations

TEACHING

- **148** Course Units
- **1** Degree Programme
  - o NURSING AND MIDWIFERY SCIENCES
- **5** Post-graduate vocational, specialization and LLL courses
  - o Family and Community Health Care Nursing
  - o Obstetric pelviperineal rehabilitation
  - o Adolescent and young adult medicine
  - o Gender Medicine and Health: from Laboratory Research to Clinic and Healthcare Organisation
  - o Advanced training course in nutritional biology applied to reproductive health

RESEARCH

- **7** Publications (Scopus 2017-2021)
- **19** Projects and Reaserch Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **9** Projects

INSTITUTION

The university has adopted specific policies and strategies for the achievement of Equal Opportunities in the academic community and beyond.

- **5** Plans
  - o Strategic Plan
  - o Gender Equality Plan - GEP
  - o Positive Actions Plan - PAP
  - o Positive Actions Plan - PAP (updated)
  - o Welfare and Well-being Plan
- **9** Regulations, Resolutions
  - o Code of Ethics
  - o Gender-sensitive Italian Language Use
  - o Guarantee Act Committee (CUG)
  - o Ombudsperson
  - o Referent for the Equal Opportunities

  - o The Confidential Counsellor
  - o Gender Balance Report
  - o Changing Tables
  - o Pinkamp

- **Partnerships / Affiliations:**
  - o RUS
  - o RUniPace
  - o CRUI Working Group on Gender-related themes
  - o Forum Inequalities Diversity (Forum Disuguaglianze Diversità)

6 CLEAN WATER AND SANITATION

TEACHING
91 Course Units

RESEARCH
19 Publications
8 Projects

THIRD MISSION AND SOCIAL ENGAGEMENT
3 Projects

INSTITUTION
1 Plan
2 Regulations, Resolutions

Fighting against any kind of pollution and irresponsible consumption is a key topic for UNIVAQ addressed through research, teaching, cooperation and outreach activities.

UNIVAQ contributes to SDG6 (connected with SDG8, SDG12 and SDG16) implementing activities focused on clean water protection, sanitisation, and wastewater recycling and organising campaigns/events for awareness rising on water shortage and pollution of the sources.

Implemented and ongoing actions:

- replacement of appliances with those minimising the use of water (water taps, aerator nozzles and dual flush toilets): in 2023 achieved **80%**
- instalment of drinking water fountains on campuses
- rain-water collection and storage:
  o In 2021 the project concerning the equipment of the parking area at Roio Campus with a rainwater channeling system has been completed. The collected water is used for the Environmental and Maritime Hydraulic Laboratory and for cleaning.
  o In 2023 similar project are in phase of realization in Coppito campus.
- Stop Single Use Plastic Campaign and distribution of bottles
- regulations for the treatment of wastewater produced in the Laboratories.

The University buildings are integrated in the municipal aqueduct network and connected to city sewage treatment plants managed by GSA (GranSasso Acqua).

TEACHING

- **91** Course Units

RESEARCH

- **19** Publications (Scopus 2017-2021)
- **8** Projects

THIRD MISSION AND SOCIAL ENGAGEMENT

- **3** Projects

INSTITUTION

- **1** Plan
  o Strategic Plan
- **2** Regulations, Resolutions
  o Fountains for Fresh Water Use
  o Policy on Wastewater Disposal

Partnerships:

  o Gran Sasso Acqua S.p.A. - GSA

SDG7

AFFORDABLE AND CLEAN ENERGY
Ensure access to affordable, reliable, sustainable and modern energy for all

7 AFFORDABLE AND CLEAN ENERGY

TEACHING
154 Course Units
1 Degree Programme

RESEARCH
245 Publications
24 Projects
5 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
6 Projects

INSTITUTION
1 Plan
5 Regulations, Resolutions

Energy is the key pillar of social development and demand is continuously increasing. Providing clean energy, increasing energy efficiency and promoting wise usage are the fields on which UNIVAQ is working for the attainment of the SDG7 and a core part of the Strategic Plan.
Contribution to SDG7 is connected with SDG11, SDG13 and indirectly with SDG8 and SDG9, and concerns
- roadmap for achieving carbon neutrality,
- instalment of solar panels producing and use clean energy,
- instalment/replacement of devices with low energy consumption and of Class A appliances,
- campaigns/events for awareness rising on no-carbon energy production and use reduction.

MAIN INDICATORS for MEASURING THE PROGRESS
- Energy efficient appliances (led bulbs inside and outside, ceiling heating system, thermostats, sensors).   **100%**
- Elements of green building implementation (substitution of windows, installation of solar shading, natural ventilation)   **3**
- Campus smart building area   **98544 m²**
- Smart Building implementation (total floor area of smart building / total all floors building area)   **80%**
- Number of renewable sources   **3**
Capacity produced:
  o Solar Power   **97323kWh**
  o Combine Heat and Power   **311659kWh**

- Ratio of renewable energy from Photovoltaic panels divided by total energy usage per year   **3%**
- CO2 emission in metric tons (average 2022-2023)   **4607**

A **fundamental role** in achieving SDG7 is played by the Energy Manager, who has the task to analyse, monitor and optimise the energy use of the University.

TEACHING
- **154** Course Units
- **1** Degree Programme
  o ELECTRICAL ENGINEERING

RESEARCH
- **245** Publications (Scopus 2017-2021)
- **29** Projects and Research Contracts

THIRD MISSION AND SOCIALENGAGEMENT
- **6** Projects

INSTITUTION
- **1** Plan
  o Strategic Plan
- **5** Regulations, Resolutions, Structures
  o EX-EMERGE – Centre of EXcellence on Connected, Geo-localized and Cyber-secure vehicles
  o CITRAMS - Sustainable Transport and Mobility Research Centre
  o Energy manager
  o Inventory of greenhouses gases production in the University
  o Roadmap for carbon neutrality (pag.88)
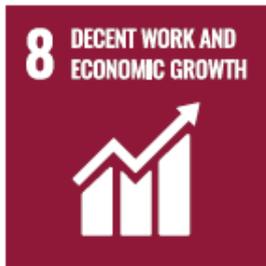
8 DECENT WORK AND ECONOMIC GROWTH

SDG8
DECENT WORK AND ECONOMIC GROWTH
Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

8 DECENT WORK AND ECONOMIC GROWTH

TEACHING	**RESEARCH**	**THIRD MISSION AND SOCIAL ENGAGEMENT**	**INSTITUTION**
115 Course Units	**16** Publications	**10** Projects	**5** Plans
3 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**12** Projects **2** Research Contract	**19** Spin-offs	**9** Regulations, Resolutions

The main commitments of UNIVAQ as knowledge and skills provider and employer concern the preparation of graduates able to access quality jobs and the creation of a safe working place. Thus, the contribution to SDG8, besides proper teaching and research, consists of events aiming to encourage entrepreneurship, creativity and innovation with the support of university, promotion of principles and policy goals for ending any kind of discrimination in the workplace, including disabilities, and surveillance on the application of such principles(CUG).

Article 5 of Code of Ethics contains all the principles on which the actions for the achievement of the end of any kind of discrimination are rooted, that includes those related to the workplace.
The Guarantee Act Committee (CUG) carries out proactive, consultative and assessment tasks, contributing to optimise employees' productivity and improve their efficiency by guaranteeing a work environment characterised by respect for all principles of equal opportunity, organisational well-being and measures towards any form of discrimination and/or moral or psychological harassment against employees.
The CUG is also committed to manage any possible infraction to the Code of Ethics principles, for ensuring their correct and transparent application.
UNIVAQ is fully committed to respect human beings as established in the *"Costituzione Italiana"* (Art. 37) and in the laws concerning labour-rights. Thus, no forced labor, modern slavery, human trafficking and child labor can be tolerated.

Strict surveillance is carried out on the private services and goods providers and in participation to external organizations (Ethic Code, art.15 and 17), that are selected among those ensuring regularly employed workers. Furthermore, UNIVAQ subscribed the **manifesto** of UN and many other national and international initiatives to fight against any kind of modern slavery. Special attention is given to immigration for which UNIVAQ adopted the four guiding principles of Humanity, Neutrality, Impartiality and Independence adopted by the UN General Assembly.
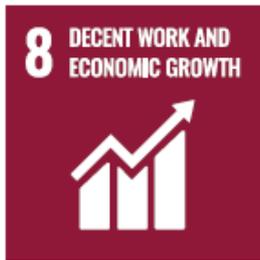Concerning the pay scale equity, the first National law concerning the public employment in 1957 speaks of "workers" without distinguishing between female and male worker. This is confirmed in every National Contract subscribed by the Government and Social Parties and the University, as public body, adopts it. While the equity is ensured by the Italian Constitution, the same cannot be said when considering the equal opportunity in career progression, especially at apical positions.
Thus, the **Gender Equality Plan** focuses on the achievement of equal opportunities in getting positions, receiving research funds and in career progressions.
Several plans, regulations and innovative procedures have been established for ensuring a safe and sound working environment.

HEALTH AND SAFETY AT WORKPLACES

The University of L'Aquila guarantees the protection of the health and safety of its community through the Office of Health and Safety at Work to improve health and safety conditions within the university's

8 DECENT WORK AND ECONOMIC GROWTH

TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
115 Course Units **3** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**16** Publications **12** Projects **2** Research Contract	**10** Projects **19** Spin-offs	**5** Plans **9** Regulations, Resolutions

facilities.

The priority functions of the Service include: the assessment of risks in the different and multiple work activities present in the university (teaching, research and service), the definition of the measures for the control of work risk, the adoption of management measures through the preparation of manuals and regulations, the drafting of emergency plans, the definition of procedures for safe working, the identification of dedicated personnel and their training.

POST-COVID WORK REORGANISATION

The huge efforts - in terms of training, new technological equipment and revision of organisational procedures – made at the beginning of the pandemic, provided the staff with an effective model for remote working and its faculties with new teaching tools and skills. Thus decisions on a **Flexible and remote working** have been taken and a culture of working addressing results instead of working hours number has been adopted. Staff can now choose and plan a personal strategy of in presence/remote working and achieve a healthier work-life balance.

WELFARE AND PERSONAL CARE PLAN

UNIVAQ supports the academic and technical-administrative staff and promotes work-life balance initiatives by means of a welfare plan which encompasses mobility, subsidies, childcare facilities and summer camps for employees' children.

SACS - Listening and Counselling Service

This service, founded in 1991, has always aimed at offering students enrolled in the University of L'Aquila support and help in overcoming difficult periods due to setbacks in their studies or psychological problems.
Staff can consult the psychological service.

THE CONFIDENTIAL COUNSELLOR

nominated in 2023, is tasked with preventing, managing and helping to solve cases of discrimination, sexual harassment, moral or psychological harassment, mobbing and straining in the workplace and in study and research environments, which are brought to her attention.
This role is meant as a means of assurance, prevention and intervention in order to uphold and enforce the values listed in the Code of Ethics and in the Code of Conduct for the prevention of sexual and moral Harassment.
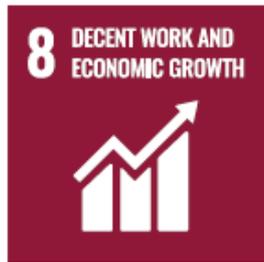
TEACHING

- **115** Course Units
- **3** Post-graduate vocational, specialization and LLL courses
  o Family and Community Health Care Nursing
  o Occupational Medicine Specialist (Qualifying)
  o Clinical Nursing for Intensive Care Units and Emergency

RESEARCH

– **16** Publications (Scopus 2017-2021)
– **14** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **10** Projects
- **12** Spin Offs and Start Ups

	TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
8 DECENT WORK AND ECONOMIC GROWTH	**115** Course Units **3** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**16** Publications **12** Projects **2** Research Contract	**10** Projects **19** Spin-offs	**5** Plans **9** Regulations, Resolutions

INSTITUTION

– **5** Plans
- o [Guarantee Act Committee (CUG)](#)
- o [Gender Equality Plan - GEP](#)
- o [Positive Actions Plan - PAP](#)
- o [Positive Actions Plan - PAP](#) (updated)
- o [Welfare and Well-being Plan](#)

– **9** Regulations, Resolutions and Structures
- o [EX-EMERGE](#) – Centre of EXcellence on Connected, Geo-localized and Cyber-secure vehicles
- o [CITRAMS](#) - Sustainable Transport and Mobility Research Centre
- o [Incubatore di creatività](#)
- o [Referent for Prevention and Protection Activities](#)
- o [Referent for the Creativity Incubator](#)
- o [Referent for Career Guidance and Job Placement](#)
- o [Referent for Post-graduate Courses and Social Balance](#)
- o [Initiatives to Support Staff with Disabilities](#)
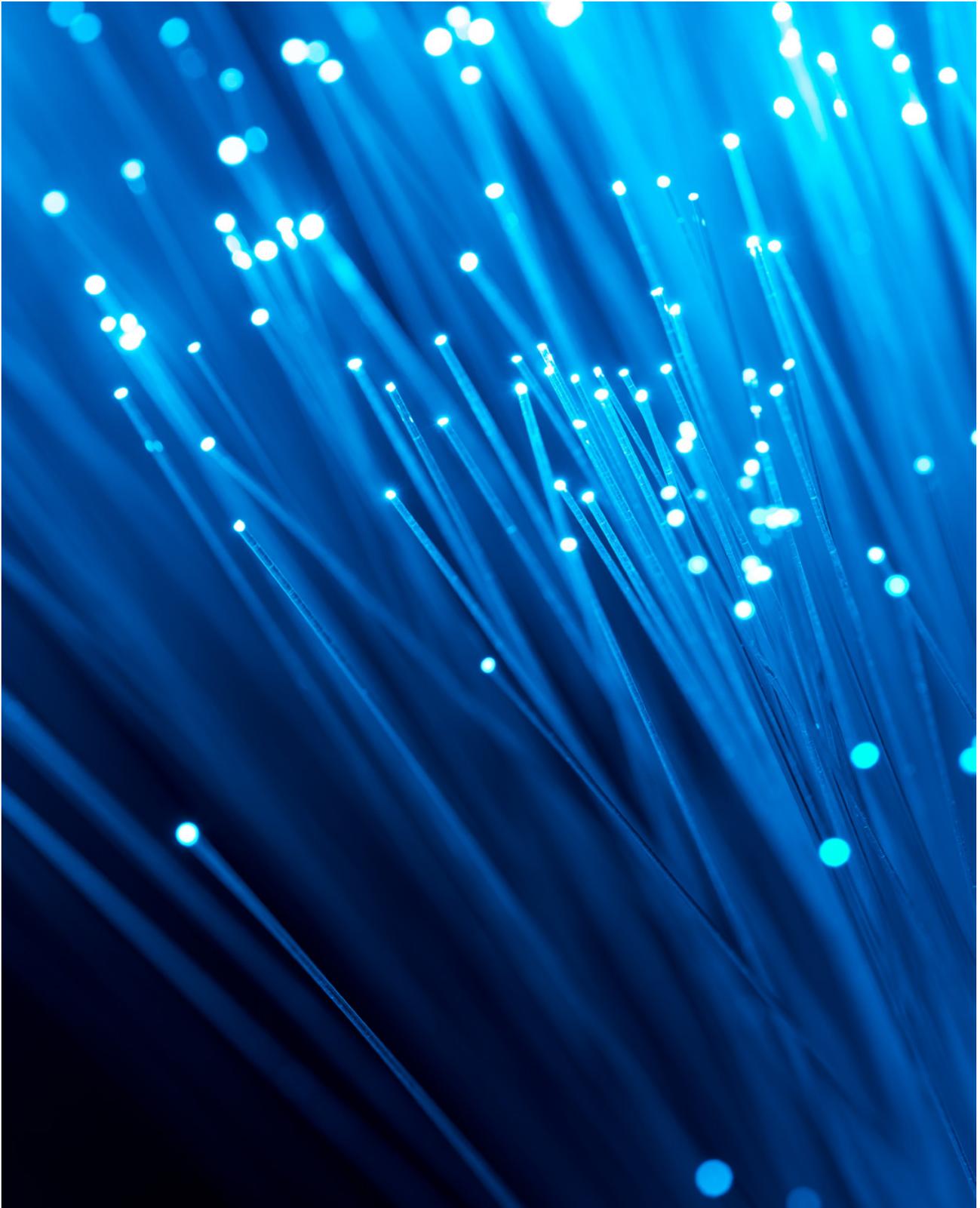- o [SACS](#) - Listening and Counselling Service

INDUSTRY, INNOVATION AND INFRASTRUCTURES
Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	**TEACHING** 270 Course Units 3 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**RESEARCH** 76 Publications 109 Projects 21 Research Contracts	**THIRD MISSION AND SOCIAL ENGAGEMENT** 16 Projects	**INSTITUTION** 3 Plans 10 Regulations, Resolutions
3 Research Centers of Excellence 5 Interdepartmental Research Centers	7 Departments 109 Projects (24 H2020/EU) 21 Research Contracts	27 Patents 19 Spin-offs		28.164.742 € Research income form industry and commerce

Innovation is a key topic on which UNIVAQ research, teaching and civic engagement are rooted.

Cooperation between universities and industries is fundamental for growth in productivity, investment in infrastructures and job creation. UNIVAQ contributes with production of patents, innovative spin offs, cooperation of students and staff within the regional industrial clusters and the City Living Lab on sustainability also for the physical and social reconstruction of the City fabric after the earthquake. Several projects are ongoing.

The project **VITALITY – Innovation, digitalisation and sustainability for the diffused economy in Central Italy**

is a project financed with the Mission "From Research to Business" of the PNRR (Mission 4, Component 2, Investment 1.5) and involves 24 subjects from Abruzzo, Marche and Umbria regions. These territories have socio-economic, urban and territorial characteristics that unite them, in particular: low population density; their significant historical, environmental and landscape value; the spread of the production sector and the relative concentration of infrastructures along the

coast; the widespread presence of valuable primary productions and finally a structured and significant presence of Universities and Research Centres.
Duration: 36 months.
The Ecosystem involves:
• **9 public Universities** as Spoke (constituting the Hub)
• **5 public affiliates** (Università degli Studi del Molise, INAF, IZS, INRCA, CNR)
• **9 private affiliates** (Italian Red Cross, COSMOB, Meccano, Dompè Pharmaceuticals, Foundation BK, Thales Alenia Space Italia SpA, Synergo Group, PTP, Novamont SpA).

The general aim of the Ecosystem promoted by the Universities of the three Regions of Central Italy is the development and transfer of innovation in order to make regional production systems more competitive, therefore improving sustainability and quality of life both in urban systems and in rural areas. The three regions are characterized by a complex production system both in terms of operational areas and in terms of size with the presence of some large companies of national importance, but mainly small and medium-sized enterprises (SMEs).

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

TEACHING
270 Course Units
3 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
76 Publications
109 Projects
21 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
16 Projects

INSTITUTION
3 Plans
10 Regulations, Resolutions

The main innovation tools proposed are **enabling technologies** capable of acting transversally for the transformation of production and organizational systems and for production diversification.
This enabling of technologies includes:
-digital technologies for the acquisition and processing of data for the provision of services useful for the development of sustainable production processes;
-nanomaterial technologies and biocompatible materials, biotechnology, health sciences and human sciences; and finally
-digital solutions for the implementation of production processes and provision of services.
Cost of the program: € 120.647.127,07

The project **INCIPICT** **(Innovating City Planning Through Information & Communications Technologies)**

The city of L'Aquila as a test bed for a countless series of experimental projects

MAN
The core of the INCIPICT Project is the construction of an experimental optical network to build a MAN – Metropolitan Area Network – that consists in an Optical Ring to connect the main and the most important sites of L'Aquila City.

Innovative Wireless Technologies
INCIPICT represents the context for testing advanced and pervasive wireless technologies, necessary to prepare the support layer for innovative applications and provides research on techniques solutions for reduction of energy consumption and increase of transmission speed (and bandwidth).

Middleware
Large relevance is also the component relating to the development of a specific middleware that allows abstracting the components of the heterogeneous network and offering uniform access methods as independent as possible from the specific underlying technology

5G Experimentation
Innovative reconstruction L'Aquila city, a 5G experimental ecosystem

Laboratory of Optics and Photonics
Testbed for fiber-optic Space Division Multiplexed transmission of INCIPICT

The Research Center of Excellence EX-EMERGE (Centre of EXcellence on Connected, Geo-localized and Cyber-secure vehicles)

The main research lines are:
1) wireless technologies for vehicles-to-everything (V2X) and in-car communications,
2) accurate and reliable positioning solutions for vehicles through fusion of multi-sensorial inputs),
3) architectures and algorithms for security and privacy in on-board and vehicle-to-infrastructure operations,
4) dynamic and collaborative navigation that relies on advanced frameworks (namely machine-learning and Artificial Intelligence) and also addresses machine ethics,
5) HW/SW architectures for on-board platforms and back-end.

The Abruzzo Automotive District (Polo Automotive Abruzzo, IAM) and many companies of the ICT/Aerospace domain

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
270 Course Units **3** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**76** Publications **109** Projects **21** Research Contracts	**16** Projects	**3** Plans **10** Regulations, Resolutions

are partners major institutions and agencies, among others MiSE, ASI, ESA, GSA, cooperate in the research activities.

The Research Center of Excellence CETEMPS (Center of Excellence in Telesensing of Environment and Model Prediction of Severe Events)

activities focus on basic and applied research on hydro-metereological, climatological, atmospheric, chemical and observational experimental issues, at a regional, national and international level. It has the role of "Centre of competence" for meteorological modelling and radar meteorology.
CETEMPS provides the Abruzzi Region with hydro-metereological forecasting carries out daily forecasting services for RAI3 television and RAI-Radio programmes.

TEACHING

- **270** Course Units
- **3** Post-graduate vocational, specialization and LLL courses
    - o Advanced Technologies Applied to Medicine and Biological Systems
    - o Emergency and Maxi Emergency in the Critical Area
    - o Skeletal Muscle Interventional Radiology

RESEARCH

- **76** Publications (Scopus 2017-2021)
- **109** Projects (**24** H2020)
- **21** Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **27** patents and **19** spin offs
- **16** Projects

INSTITUTION

- **3** Plans
    - o Gender Equality Plan - GEP
    - o Positive Actions Plan - PAP
    - o Positive Actions Plan - PAP (updated)
- **10** Regulations, Resolutions, Structures
    - o **EX-EMERGE** - Centre of EXcellence on Connected, Geo-localized and Cyber-secure vehicles
    - o **DEWS** - Centre of Excellence of Design Methodologies of Embedded Controllers, Wireless Interconnect and Systems-on-chip
    - o **CETEMPS** - Center of Excellence of Telesensing of Environment and Model Prediction of Severe Events
    - o **CITRAMS** - Sustainable Transport and Mobility Research Centre
    - o **CERFIS** - Research and Teaching Centre for Earthquake Engineering
    - o **DMTA** - Molecular Diagnostics and Advanced Therapy Research Centre
    - o **M&MOCS** - Research Centre on Mathematics and Mechanics of Complex Systems
    - o **Heritechne** – Research Center on innovative methods and technologies for investigating cultural heritage.
    - o Technology transfer, patents, spin-offs
    - o Incubatore di creatività

REDUCED INEQUALITIES
Reduce inequality within and among countries

10 REDUCED INEQUALITIES

TEACHING
207 Course Units
6 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
3 Publications
13 Projects

THIRD MISSION AND SOCIAL ENGAGEMENT
14 Projects

INSTITUTION
4 Plans
7 Regulations, Resolutions

The events of the last years increased the inequalities and the more disadvantaged groups are at risk of exclusion from the progress recovery.

UNIVAQ addresses economic- (poor families and poor countries), health- (disability) and cultural- (foreign origin) based inequalities of its students and staff, through targeted actions as public awareness events, Erasmus Charter for Higher Education and Policy, Scholarships schemes for low-income students, financial and learning support for avoiding dropouts, Student Ombudsman, the Confidential Counsellor and Guarantee Act Committee. The Strategic Plan 2020-2025 and the operational plans - the Gender Equality Plan (GEP), the Positive Actions Plan (PAP) and the Welfare and Well-being Plan - are designed in order to guarantee the respect of the differences in gender identity, disability, culture and background for all those working and studying at University of L'Aquila.

The goal is to create an inclusive environment that allows students, researchers and staff to pursue their careers successfully, both within the university and beyond its borders. These include:

o *Italian courses for foreign students and visiting staff*
o *Non-discriminatory admissions test: support for students with disabilities*
o *Tuition fee exemption for students with severe disabilities*
o *Accessible facilities for disables*
o *Job placement for people with disabilities*
o *Services for Students with Specific Learning Disorders*
o *Student Tutors*
o *"Alias" identity*

MAIN INDICATORS

o Students with disabilities/Students Community
   2023: 1,5%
o Students from Development Countries/International Students
   2023: 76%
o First-generation students starting a degree/Students starting a degree
   2023: 72%
o Staff with disabilities/total Staff
   2023: 2,2%

OMBUDSPERSON

Students can contact the Ombudsman to report any forms or types of abuse, dysfunctions, shortfalls, delays, violations of the law or the principles of good administration, or lack of respect for values. The Student Ombudsman monitors teaching, research and services activities and reports directly to the Rector the serious cases of infringement of the Code of Ethics.

CUG - THE GUARANTEE ACT COMMITTEE

CUG makes proposals, provides consultation, ensures equal opportunities, enhances employees' wellbeing, and prevents any kind of discrimination at work, in compliance of Italian Laws and University Statute. It contributes to optimising productivity, improving the efficiency of performance by guaranteeing a work

10 REDUCED INEQUALITIES

TEACHING
207 Course Units
6 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
3 Publications
13 Projects

THIRD MISSION AND SOCIAL ENGAGEMENT
14 Projects

INSTITUTION
4 Plans
7 Regulations, Resolutions

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characterised by respect for all principles of equal opportunity, organisational well-being and protection from any form of characterised by respect for all principles of equal opportunity, organisational well-being and protection from any form of discrimination and/or moral or psychological harassment against employees.

THE CONFIDENTIAL COUNSELLOR

nominated in 2023, is tasked with preventing, managing and helping to solve cases of discrimination, sexual harassment, moral or psychological harassment, mobbing and straining in the workplace and in study and research environments, which are brought to her attention.
This role is meant as a means of assurance, prevention and intervention in order to uphold and enforce the values listed in the Code of Ethics and in the Code of Conduct for the prevention of sexual and moral Harassment.

THE DISABILITY MANAGER

In synergy with the Rector, General Director, Disability Commission, Rector's Delegate for Disability and other academic bodies, the Disability Manager carries out functions of implementation of the social inclusion processes of people with disabilities, and with a role of monitoring and developing proposals in regarding the issues of accessibility in the physical and virtual spaces of the University.
Disability Manager is configured as a proactive entity in recognizing and addressing the strategic factors that can facilitate access to work and study for people with disabilities, designing adequate policies and procedures in

advance, beyond a simple and reductive response to the problem of a single case.

SERVICES FOR DISABLED

The University of L'Aquila is firmly committed to integrating disabled students into every part of university life. Social aspects, living with other students and group gatherings are all, in fact, unique moments making up the cultural and emotional background gained by a university student.
In this perspective university policies strive to eliminate barriers – not only the architectural ones but also those hindering socialization and learning – in order to offer equal study opportunities. a University committee for disabilities made up of professors, technical-administrative staff and student representatives was established to offer assistance to our disabled students and to discuss strategies and issues to be addressed and taken before the university governing bodies. The committee guarantees specialized tutoring services for students with disabilities and also provides materials and adequate support.

TEACHING

- **207** Course Units
- **2** Degree Programmes
  - o SOCIAL WORK SCIENCE
  - o PLANNING AND MANAGEMENT OF SOCIAL WORK AND EDUCATIONAL SERVICES
- **4** Post-graduate vocational, Specialization, LLL courses
  - o Technician of rehabilitation interventions and behavior analysis (ABA) in autism spectrum disorders
  - o Applied Behaviour Analysis (ABA) and Evidence-based Techniques for the Treatment of Autistic Spectrum Disorders

10 REDUCED INEQUALITIES

TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
207 Course Units **6** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**3** Publications **13** Projects	**14** Projects	**4** Plans **7** Regulations, Resolutions

- o [Neuro-Ophthalmology and Visual Neuro-Rehabilitation](#)
- o [Sports Cardiology](#)

RESEARCH

- **3** Publications (Scopus 2017-2021)
- **13** [Projects](#) and Research Contract

THIRD MISSION AND SOCIALENGAGEMENT

- [University Corridors for Refugees – UNICORE](#)
- **14** [Projects](#)

INSTITUTION

- **4** Plans
  - o [Gender Equality Plan - GEP](#)
  - o [Positive Actions Plan - PAP](#)
  - o [Positive Actions Plan - PAP](#) (updated)
  - o [Welfare and Well-being Plan](#)
- **7** Regulations, Resolutions, Structures
  - o [Guarantee Act Committee (CUG)](#)
  - o [Economical Support to Low Income Students](#)
  - o [Services for Disabled Students](#)
  - o [Student Ombudsman](#)
  - o [Disability Manager](#)
  - o [Confidential Counsellor](#)

SDG11

SUSTAINABLE CITIES AND COMMUNITIES
Make cities and human settlements inclusive, safe, resilient and sustainable

TEACHING
210 Course Units
7 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
520 Publications
48 Projects
16 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
17 Projects

INSTITUTION
3 Plans
11 Regulations, Reolutions

UNIVAQ is strictly interwoven with the City fabric. The interaction with the community has been fundamental for the economic, social and structural reconstruction. L'Aquila is a medieval town rich of cultural and architectural heritage that the university helped to preserve and enhance. UNIVAQ contributes, besides teaching and research, through events for enhancing the role of the City as hub of culture and innovation, cooperation with associations and public bodies for protecting art and heritage, place-based teaching methods, university choir, Casa-Teatro, its Museum PomAQ and several cultural events.

CULTURAL EVENTS OPEN TO CITY
Average 2022/2023: 160 per year

Festival dello Sviluppo Sostenibile (Sustainable Development Festival)
The Festival is organized every year by the ASviS – Associazione Italiana per lo Sviluppo Sostenibile, as a way of marking European Sustainanble Development Week. University of L'Aquila has been taking part in this event since its first launch in 2017.
ASviS is a partner of the Italian University Network for Sustainable Development (RUS), network which includes our university. During the Festival, UNIVAQ organizes a rich programme of events which are open and freely accessible to the general public.

Climbing for Climate
Organised by the network of the Universities for the sustainable Development (RUS) the Climbing for Climate is a demonstration event aiming to drive the attention to the climate changes focusing on the health conditions of the glaciers.
Rectors of several Italian Universities climb

the mountains and reach significant places where the effects are particularly evident. A symbolic plaque is placed. UNIVAQ participated to all the editions.

Open Territories (Territori Aperti)
The project, born from an idea shared between the Municipality of L'Aquila and the University of L'Aquila, and funded by a subscription among workers enrolled in CGIL, CISL and UIL, is an interdisciplinary center for documentation, training and research, which acts as a promoter node of an international network of expertise on all aspects of the prevention and management of natural disasters, as well as the reconstruction and development processes of the affected areas.
The name **Territori Aperti** intends to underline the idea that its activities are based on collaboration with other territorial systems exposed to the risks of natural disasters, in a spirit of social sharing of data, analytical methods and skills generated by the project, according to the Open Science approach and the informed participation of citizens in political choices.

STRUCTURES AND SERVICES OPEN TO THE CITIZENS

Libraries
The free access to the libraries is guaranteed to all people, both Italian and international students, researchers and professionals who for some cultural and/or professional reasons are in the Region Abruzzo, not only the residents in the City of L'Aquila. According to Art.3 of Regolamento Generale dei Servizi del Sistema Bibliotecario di Ateneo these users can access to all the resources and

TEACHING	**RESEARCH**	**THIRD MISSION AND SOCIAL ENGAGEMENT**	**INSTITUTION**
210 Course Units **7** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**520** Publications **48** Projects **16** Research Contracts	**17** Projects	**3** Plans **11** Regulations, Reolutions

services: consultation, lending, Inter Library Loan, assistance and orientation, including the use of computers and internet (Art. 4). Furthermore, since 2017 online services are extended to all citizens through the National Identification Code, provided to all people who have an assigned fiscal code. Through this Code, users can ask and get the login access credentials.

PomAQ
University Museum Centre coordinates the activities of the University Museum (POMAQ) which holds the University's collections. These include exhibitions, seminars, lectures, visits and training also in the roman and pre-roman archaeological site of "Amiternum" belonging to the university, addressed to students of any level, experts and general public. POMAQ has been established with the aim to protect, preserve and enhance the historical heritage of the University concerning both scientific and humanistic sectors. Visitors can discover and better understand the culture produced by university research and its tools. UNIVAQ, also in cooperation with other Museums and cultural associations of the City, organizes and hosts exhibitions of works of art and artefacts within the POMAQ premises or in the Congress Centre of the University, an historical building of XII century.

Archeological Site "Amiternum"
The university purchased an area within the archeological site of Amiternum, a roman city built on the remains of pre-roman settlements. The area presents a stratified series of constructions covering several centuries of history.
Citizens of every age can visit the site and participate to the numerous events organized there.

The Green spaces and the Alpine Garden "Campo Imperatore"
About 300.000 sqm of the University Campuses are green areas that are open to the citizens. These include the Botanic Garden and the **Alpine Botanic Garden** "*Campo Imperatore*", one of the most ancient mountain gardens, rich of rare species and biodiversity. Located at an altitude of 2117 meters above sea level it is also a test bed for climate changes observation and monitoring

CULTURAL ASSOCIATIONS OF UNIVERSITY STUDENTS AND STAFF OFFERING CULTURAL EVENTS/EXHIBITIONS

The university contributes to the cultural offer of the City that boasts a rich classical music and theater tradition carried on by institutions well known all over the world. UNIVAQ cooperates actively with them aiming to transmit this tradition to its students.

University Choir
The Choir of the University of L'Aquila is open to the participation of students, teachers, and technical-administrative staff interested in the virtuous experience of a cappella choral singing. Together with the choral practice, the activities of the choir include the study of the choral repertoire through proactive listening that helps to develop the musical ear, to reconnect with oneself, and to socialize.

TEACHING	**RESEARCH**	**THIRD MISSION AND SOCIAL ENGAGEMENT**	**INSTITUTION**
210 Course Units **7** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**520** Publications **48** Projects **16** Research Contracts	**17** Projects	**3** Plans **11** Regulations, Reolutions

Casa Teatro

Relevant is "Casa del Teatro", a theatre culture project, created in 2003 with scientific consultation provided by UNIVAQ teachers M. Schino and F. Taviani, and the theatre festival "ARIA", arrived in 2021at the fourth edition.

Experimental theatre and music performances are organized and managed directly by groups of students and University Choir.

THE SAH Project

The wider objective of the project is to update and improve the quality of curricula in the sphere of Sustainability for Architectural Heritage (Historic BIM and Urban Historic Landscapes) in Armenia and Iran to meet the needs of sustainable development of a global market. Specific project objectives are development and testing of new interdisciplinary training models for BA and MA degree level curricula of architectural practical-oriented education for Architectural Heritage, in order to form modern professional competences of specialists, responding to the needs of a sustainable society in the sphere of Architectural Heritage. The main idea is to form a core of knowledge (new curricula and syllabi for degree courses) for the formation of a new type of architect-restorers with a good scientific base who are able to adapt to the technological evolutions and provide innovative solutions for heritage structures.

The Network of Multidisciplinary Centres of *"Sustainability for Architectural Heritage"* (NSAH) for the creative training of architect-restorers in the context of interdisciplinary skills will use the up-to-date video conferencing technologies for students and members to access lectures and seminars conducted by lecturers from leading EU universities.

THE MUSAE Project

"Cultivating the Entrepreneurial mindset in Education" is a key goal of the European policies in the last years.

According to several surveys, many artists say that learning how to make the best work is crucial, but being able to disseminate in an effective way is equally as important. They all highlight how they would have greatly benefitted from developing strategic plans for their career goals while learning how to market and promote their work.

Likewise, art entrepreneurs wish they had had the opportunity to acquire additional knowledge and skills.

Over the last years the so called creative and cultural industries have greatly increased, proving to be driving factors of economic growth and local development even in countries suffering from high crisis.

Thus the project main aims are:

-to professionalize HE in PS, RL, TN and UZ in a variety of knowledge-based creative fields focusing on three macro-areas (Music, Visual Arts, Performing Arts) and their interactions by providing the future artists with entrepreneurial and interdisciplinary skills

- to prepare future artists in order to enhance in a more effective way their (self) employability and capacity to access the Creative Economy.

	TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
	210 Course Units **7** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**520** Publications **48** Projects **16** Research Contracts	**17** Projects	**3** Plans **11** Regulations, Reolutions

THE B-READI Project

(Building Reliable Effective and Aware DIsaster emergency and prevention managing skills – B-READI)

Communities and public and private companies need new and modern ways to design integrated emergency plans not only to manage the consequences of a disaster, but also and above all to design in peacetime, strategic and integrated planning, to ensure in the event of a crisis, that communities resume socio-economic and productive activities promptly. This requires the creation of a network of interconnected and interdisciplinary skills and competencies in advance of a disaster, to provide rapid responses and to better manage the complexities of the recovery process.

The reliability and effectiveness of such an approach requires managerial governance capabilities. In recent years, due to the increase in crises, the profile of an Emergency Manager has been developed, and some types of certifications are offered nationally and internationally but are not linked to a university curriculum. Often holders of such certifications start working as police officers, detectives, firefighters, security technicians, police dispatchers, paramedics and others who have gained considerable experience in civil protection.

TEACHING

- **210** Course Units
- **3** Degree Programmes
  - o CIVIL ENGINEERING
  - o CULTURAL HERITAGE
  - o CONSTRUCTION – ARCHITECTURAL ENGINEERING
- **4** Post-graduate vocational, specialization

and LLL courses
  - o Post-catastrophe Technical and Administrative Management of Local Authorities
  - o Clinical Nursing for Intensive Care Units and Emergency
  - o 3D Technologies for cultural heritage
  - o Training course for coordinators in planning and execution of safety works

RESEARCH

- **520** Publications (Scopus 2017-2021)
- **64** Projects and Research Contracts

THIRD MISSION AND OCIALENGAGEMENT

- **17** Projects

INSTITUTION

- **3** Plans
  - o Gender Equality Plan - GEP
  - o Positive Actions Plan - PAP
  - o Positive Actions Plan - PAP (updated)
- **11** Regulations, Resolutions, Structures
  - o **EX-EMERGE** - Centre of EXcellence on Connected, Geo-localized and Cyber-secure vehicles
  - o **DEWS** - Centre of Excellence of Design Methodologies of Embedded Controllers, Wireless Interconnect and Systems-on-chip
  - o **CETEMPS** - Center of Excellence of Telesensing of Environment and Model Prediction of Severe Events
  - o **CITRAMS** - Sustainable Transport and Mobility Research Centre
  - o **CERFIS** - Research and Teaching Centre for Earthquake Engineering
  - o **DMTA** - Molecular Diagnostics and Advanced Therapy Research Centre

TEACHING	**RESEARCH**	**THIRD MISSION AND SOCIAL ENGAGEMENT**	**INSTITUTION**
210 Course Units **7** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**520** Publications **48** Projects **16** Research Contracts	**17** Projects	**3** Plans **11** Regulations, Reolutions

- o **M&MOCS** - Research Centre on Mathematics and Mechanics of Complex Systems
- o **Territori Aperti / Open Territories** Interdisciplinary center for documentation, training and research
- o **POMAQ** - University Museum Centre
- o Mobility Manager
- o Energy Manager

Partnerships:
- o CINI - Consorzio interuniversitario nazionale per l'infomatica
- o RUS

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION

SDG12
RESPONSIBLE CONSUMPTION AND PRODUCTION
Ensure sustainable consumption and production patterns

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

TEACHING
145 Course Units

RESEARCH
843 Publications
33 Projects
2 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
7 Projects

INSTITUTION
4 Plans
8 Regulations, Resolutions

The abuse of resources underneath the industrial core cycle has caused huge environment damages. UNIVAQ is strongly committed to operate on the two sides: consumption/waste reduction and sustainable production. Activities and results addressing SDG12 consist of events on proper waste treatment and recovery of materials from WEEE and other products, procurement policies ensuring the ethical and sustainable practices in the supply chain, rules for waste reduction and correct collection. Special focus on plastic and paper use reduction for which specific directives are issued.

The University adopted a very detailed Regulation about waste disposal on the base of a policy coherent with the main European Directives and National Decrees DL. 152/2006 and recent DL. 116/2020, on which regional and municipal directives are based for the concrete waste management.
The Workplace Safety and Security Unit (IGI) supports the structures for the collection of produced waste and monitors the process till the final correct disposal of each kind of product. Traceability of hazardous waste is ensured by a loading and unloading register.
Concerning the Municipal waste management, the University carries out separate collection of plastic, paper, cans, glass, toner cartridges and batteries in all the campuses for which the collection and recycling is implemented by the municipal agency AMS.

TEACHING

- **145** Course Units

RESEARCH

- **843** Publications (Scopus 2017-2021)
- **35** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **7** Projects

INSTITUTION

- **4** Plans
    o Strategic Plan
    o Gender Equality Plan - GEP
    o Positive Actions Plan - PAP
    o Positive Actions Plan - PAP (updated)
- **8** Regulations, Resolutions, Structures
    o Policy on waste reduction, treatment and disposal
    o Policy on Wastewater Disposal
    o Fountains for Fresh Water Use
    o Stop Single Use Plastic
    o Energy Manager
    o EX-EMERGE - Centre of EXcellence on Connected, Geo-localized and Cyber-secure vehicles
    o CETEMPS - Center of Excellence in Telesensing of Environment and Mode Prediction of Severe Events
    o CITRAMS - Sustainable Transport and Mobility Research Centre
-

13 CLIMATE ACTION

TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
167 Course Units **1** International Master Degree in *Atmospheric Science and Technologies*	**2153** Publications **32** Projects **4** Research Contracts	**7** Projects	**3** Plans **5** Regulations, Resolutions

Climate Change is a crucial field for UNIVAQ. Starting from 2001 the excellence research Center CETEMPS developed high competencies, strategies and tools for assessing Climate Change impact and tackle the consequences. UNIVAQ contribution concerns, besides specific teaching and research, events on Climate Change risks and mitigation, cooperation with NGOs for Civil Protection and volunteering activities, support for policy making to regional and national authorities, roadmap for achieving carbon neutrality. Experiences and know-how are shared with Institutions from EU and non-EU countries for reinforcing the global commitment to reduce the use of carbon generated energy.

Campus carbon footprint: Analysis and monitoring are carried out on the three major CO2 emission sources: electricity, heating and mobility.
The main policies concerning electricity and heating consist of reduction (through sensors, surveillance, replacement of devices with the highly efficient ones), increase of solar panel instalment for internal production, and identification of energy providers among those who guarantee at least 80% from renewable sources.
Concerning mobility, that is mainly due to home-work/study commuting, specific actions are ongoing in cooperation with the Municipal Agency for mobility AMA. Activities concern the promotion of car sharing, encourage the bicycle usage, reduction of travel tickets. At the same time the university has made infrastructural works for increasing the number of bicycles' racks.

Zero Emission Vehicles (ZEV) Policy on Campus
The main measures adopted for achieving a sustainable mobility are:
- replacement of traditional cars with hybrid cars for the academic and administrative staff
- improving parking lots for bicycle
- car-free campuses, with parking lots outside the campuses' fences

Energy Manager: has the institutional mission to analyse and propose structural interventions for the reduction of energy consumption (efficient and renewable energy production, installation of energy saving devices).The plan foresees a 20% of carbon produced energy consumption per year for achieving Carbon Neutrality by 2050.

Mobility Manager: has the institutional task to promote sustainable, shared a low-impact mobility, with the aim of reducing the environmental footprint and greenhouse gases emissions of the commuting activities of the entire university population. On the basis of the analysis of a questionnaire submitted to the academic community, he is preparing an Inter-Campus Sustainable Mobility Plan (PAMSI) for the integrated development of urban mobility and urban settlement between and within university campuses, taking into account, as a priority, home-work and home-university travel.

Greenhouse gas emission inventories in Italian universities: As a member of the RUS Climate Change Working Group, the university contributes to the objective to

	TEACHING **167** Course Units **1** International Master Degree in *Atmospheric Science and Technologies*	**RESEARCH** **2153** Publications **33** Projects **2** Research Contracts	**THIRD MISSION AND SOCIAL ENGAGEMENT** **7** Projects	**INSTITUTION** **3** Plans **5** Regulations, Resolutions

achieve a reliable estimate of the emissions of Italian universities in the future, as a necessary basis for formal commitments to reduce them.

The project CITRAMS
(Sustainable Transport and Mobility Research Centre)

It is an inter-departmental Center that promotes and coordinates research activity, technological transfer and dissemination in the transportation sector (passengers and goods) and in sustainable mobility, with particular attention to:

- Transport infrastructure planning and relative socio-economic management issues
- Theoretical and modelling analysis of supply and demand and their interaction
- Advanced transportation systems (land, air, naval, intermodal and multimodal) and technological innovation of their components
- Low impact innovative propulsion systems and technological innovation of their components
- Interaction between transportation and the physical/social environment, education, health, disability and aging.

THE UPGRADE Project
Urban and transPortation reGeneration for Reducing Automobile Dependency in mEna

UPGRADE's wider objective is to employ multidisciplinary education and research to help transportation businesses address the challenges of unprivileged sectors of society using innovative solutions. UPGRADE focuses on unprivileged minorities as a case study to solve not only their Transportation and Urban Mobility

Planning everyday problems, but also to try to upgrade their economic status, through studying the land use of the accommodated settlements to help them look for income-generating opportunities and a more interesting lifestyle.

TEACHING

- **167** Course Units
- **1** International Master degree in Atmospheric Science and Technology

RESEARCH

- **2.163** Publications (Scopus 2017-2021)
- **35** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **7** Projects

INSTITUTION

- **3** Plans
  - o Strategic Plan
  - o Car Pooling
  - o Pilot bicycle sharing plan
- **5** Regulations, Resolutions, Structures
  - o **CETEMPS** - Center of Excellence in Telesensing of Environment and Model Prediction of Severe Events
  - o **CITRAMS** - Sustainable Transport and Mobility Research Centre
  - o **Alpine Botanical Garden of Campo Imperatore**, as testbed for early detection and witness of climate change impact
  - o Mobility Manager
  - o Energy Manager

Partnerships:
  - o RUS
  - o Municipality of L'Aquila
  - o Region Abruzzo
  - o Civil Protection Department
  - o Firefighters Department

14 LIFE BELOW WATER

TEACHING
103 Course Units
3 Degree Programmes

RESEARCH
73 Publications
28 Projects
5 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
4 Projects

INSTITUTION
1 Plans
4 Regulations, Resolutions

UNIVAQ is aware of the crucial role of oceans, rivers, lakes and streams in the ecosystem. The City is located at the crossway of 2 National and 3 Regional Parks and in a place rich of quality water sources, that need to be preserved and enhanced. Research and teaching are the key tools for the achievement of this goal in strict cooperation with local communities. Contribution of UNIVAQ to SDG14, concerns campaigns/events for awareness rising on water quality, marine litter, climate change, toxic chemicals, shipping and coastal wave protection, stop single use plastic campaign, clear policy on water disposal and instalment of drinkable water fountains in the campuses.

The Referent for the natural heritage enhancement

has the task to manage the relations with the Abruzzo Region, the four Parks on which sites the University and the City of L'Aquila are located and coordinate the monitoring and surveillance activities. Furthermore, specific expertise is provided by UNIVAQ academic staff for the preparation and implementation of projects in the concerned areas and beyond, providing a multidisciplinary approach to the identification and solutions of problems.

The **MED-QUAD project**
(MEDiterranean QUadruple helix Approach to Digitalisation «MED-QUAD»)

Innovation and technology are recognised as a major driver for competitiveness and for long-run endogenous economic growth. However, most of Mediterranean regions are characterised by a high prevalence of micro enterprises, with difficulties to acquire the necessary skills to innovate and grow. MED-QUAD will address this challenge through the cooperation among universities in 6 countries. The project aims to nurture the innovation potential of the regions, by building up a cross- border cooperation scheme of the Quadruple Innovation Helix. The main actors are the universities which will improve their capacity to be and act as "**civic universities**" in cooperation with the cities to which they belong as "**anchor**" Institutions together with the socio-economic stakeholders and the citizens. Two cross-border Living Labs will be established in the cities, where several pilot activities for technological transfer and commercialisation of research results will be implemented. They will exploit ICT technologies and Key Enabling Technologies for water use optimization, consumption and reduction (Smart Water Use Applications - SWUAP), as well as cultural heritage promotion and preservation (Applied Research for Cultural Heritage Exploitation - ARCHEO). The project will set up a toolkit for enhancing the institutional capacities of businesses, cities and universities of both shores of the Mediterranean to work together and reinforce their role as "catalysts" for fair and inclusive development.

14 LIFE BELOW WATER

TEACHING
103 Course Units
3 Degree Programmes

RESEARCH
73 Publications
28 Projects
5 Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT
4 Projects

INSTITUTION
1 Plan
4 Regulations, Resolutions

TEACHING

- **103** Course Units

- **3** Degree Programmes
  - o ENVIRONMENTAL SCIENCES AND TECHNOLOGY
  - o CHEMICAL ENGINEERING
  - o ENVIRONMENTAL BIOLOGY AND MANAGEMENT OF ECOSYSTEMS

RESEARCH

- **73** Publications (Scopus 2017-2021)
– **35** Projects and Research Contracts

THIRD MISSION AND SOCIALENGAGEMENT
- **4** Projects

INSTITUTION

- **1** Plan
  - o Strategic Plan
- **4** Regulations, Resolutions, Infrastructures
  - o Stop Single Use Plastic
  - o Policy on Wastewater Disposal
  - o Fountains for Fresh Water Use
  - o Referent for the natural heritage enhancement

Partnerships:
Cooperation with the Region Abruzzo and the four National and Regional Parks
- o Region Abruzzo
- o Parco Nazionale d'Abruzzo, Molise e Lazio
- o Parco Nazionale del Gran Sasso e dei Monti della Laga
- o Parco Nazionale della Maiella
- o Parco Regionale Sirente Velino

15 LIFE ON LAND

SDG15

LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

15 LIFE ON LAND

TEACHING
132 Course Units
3 Degree Programmes

RESEARCH
187 Publications
27 Projects
3 Research Contract

THIRD MISSION AND SOCIAL ENGAGEMENT
5 Projects

INSTITUTION
1 Plan
4 Regulations, Resolutions

One of the key concerns of UNIVAQ is the loss of biodiversity in a region that is rich of it and aware since decades of the crucial need of protection. The city is located in a valley under the highest mountains of the Apennines and at a distance of 100 Km from both the Adriatic and Tyrrhenian Seas, in the middle of 2 National and 3 Regional Parks.

Data concern proper teaching and research, events for awareness rising on risks deriving from loss of biodiversity, short courses addressed to schools, enhancement of "Giardino Alpino" as relevant example of alpine ecosystem, cooperation with the Parks in teaching, research and innovation.

Giardino Alpino di Campo Imperatore

The University manages the Alpine Botanical Garden of Campo Imperatore situated at an altitude of 2117 meters and set in the heart of the Gran Sasso and Laga Mountains National Park. Founded in 1952 by the botanist Vincenzo Rivera to cultivate and study the most important flora found on the Italian Gran Sasso Massif, today it represents an important element of our national heritage and is a well appreciated asset within the cultural and natural scenario of the Region.

The Garden is one of a kind in Abruzzo and in the entire Apennine area, especially due to the high altitude and geographical position allowing to cultivate flora of scientific interest.

Furthermore, for its special position, it is becoming an important antenna for an early detection of the Climate Changes effects.

The LEGO Project

LEarning GenOmics for food safety - LEGO project bridges a growing educational gap in the field of higher education by defining, training and promoting the recognition of an innovative and interdisciplinary professional curriculum, called "Food Microbial Bioinformatician". The creation of this new profile allows to meet the new research challenges in the field of genomics applied to food safety.

Increased accessibility and decrease in the cost of Whole Genome Sequencing (WGS) using Next Generation Sequencing (NGS) have revolutionised clinical and public health microbiology.

High resolution typing for foodborne pathogens is becoming the new standard for WGS data analysis in outbreak investigations and source attribution. The advent of the "Omics Era" with WGS data routinely produced in Food Microbiology requires professional profiles properly qualified to operate in this specific sector. Despite the recommendations set by the European Commission and the Food and Agriculture Organisation of the United Nations, recent developments in NGS research have not always been accompanied by the implementation of specific university curricula aiming at training highly specialised professionals with multidisciplinary skills in Genomics, Food Microbiology, Statistics, Epidemiology and Bioinformatics.

15 LIFE ON LAND

TEACHING
132 Course Units
3 Degree Programmes

RESEARCH
187 Publications
27 Projects
3 Research Contract

THIRD MISSION AND SOCIAL ENGAGEMENT
5 Projects

INSTITUTION
1 Plan
4 Regulations, Resolutions

TEACHING

- **132** Course Units
- **3** Degree Programmes
    - o ENVIRONMENTAL SCIENCES AND TECHNOLOGY
    - o CHEMICAL ENGINEERING
    - o ENVIRONMENTAL BIOLOGY AND MANAGEMENT OF ECOSYSTEMS

RESEARCH

- **187** Publications (Scopus 2017-2021)
- **30** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **5** Projects

INSTITUTION

- **1** Plan
    - o Strategic Plan
- **4** Regulations, Resolutions, Infrastructures
    - o Stop Single Use Plastic
    - o Policy on Wastewater Disposal
    - o Fountains for Fresh Water Use
    - o Referent for the natural heritage enhancement

Partnerships:
Cooperation with the Region Abruzzo and the four National and Regional Parks
- o Region Abruzzo
- o Parco Nazionale d'Abruzzo, Molise e Lazio
- o Parco Nazionale del Gran Sasso e dei Monti della Laga
- o Parco Nazionale della Maiella
- o Parco Regionale Sirente Velino

16 PEACE, JUSTICE AND STRONG INSTITUTIONS

SDG16

PEACE, JUSTICE AND STRONG INSTITUTIONS

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

	TEACHING	RESEARCH	THIRD MISSION AND SOCIAL ENGAGEMENT	INSTITUTION
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	**198** Course Units **8** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**430** Publications **25** Projects **6** Research Contract	**21** Projects	**3** Plans **7** Regulations, Resolutions

Equity cannot be ensured without Peace and Justice. UNIVAQ supports all the activities promoting justice at individual and collective level as well as provides a strict surveillance on possible distortion of rules. The peaceful integration of the international students is constantly supported and enhanced by the whole academic community. UNIVAQ contributes through targeted teaching and research, cooperation projects for extending the principles of democratic governance of the university, rules and policies for ending bullying, harassment, prejudice, corruption, bribery.
Furthermore, a data base regarding the activities, policies and results within the 4 dimensions of the university, is continuously updated as a key tool for statistical studies and reports.
All the institutional documents concerning the policy-making decisions, the regulations, the democratic management processes, the official plans and reports are accessible in the university's web site, in compliance with a Transparency Policy.

In compliance with the **Italian Constitution**, the **UnivAQ Statute** affirms the founding principles of the University and, among these, at art.1, the academic freedom in teaching and research activities.
Furthermore, the **Statute** establishes the governance bodies and regulates their composition and the modalities for the democratic election of representatives of the three categories: academic staff, administrative and technical staff, students.
The three main governance structures:
- Rector,
- Academic Senate
- Administration Board,

are elected by the three components and have their representative in them.
The participation of students is ensured by the Students' rights Chart.

Students' right to freely associate and fully participate to the UNIVAQ missions and decisions representing their political and welfare interests is ensured by Art. 3 of the university Statute.
The "**Consiglio Studentesco**" - Students' Council is the official student representative body. It consults with and makes proposals to the Academic Senate and to the Board of Administration. The members of the Students' Council are elected by the student community among union's lists constituted for the aim.

Internal and external committees that monitor and assess the quality of processes and results constitute the **Quality Assurance System.** The (internal) Quality Control Committee, is composed by representatives of faculty, staff and students and has the task to:
-Define and propose a system of quality assurance and self-evaluation for all courses offered (first, second and third level, LLL courses, etc.)
-Monitor teaching and training results obtained making them accessible for quality assurance and assessment
-Promote the culture of quality in all the activities.

Documents and Reports are available to the National Quality Assurance Agency ANVUR and MUR

UnivAQ intends to play the role of **Civic University**, thus promotes the engagement

	TEACHING	**RESEARCH**	**THIRD MISSION AND SOCIAL ENGAGEMENT**	**INSTITUTION**
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	**172** Course Units **8** Degree and Post-graduate, Vocational, Specialisation and LLL Programmes	**430** Publications **25** Projects **6** Research Contract	**21** Projects	**3** Plans **7** Regulations, Resolutions

of targeted participatory bodies, including local stakeholders and governments. Experiences and know-how are transmitted to other institutions in the world through cooperation projects.

The **Code of Ethics** guides the achievement of the fundamental values on which the university community is rooted, such as respect of individual rights together with the recognition of the duties and responsibilities towards the institution and the rules of conduct to abide by. Such rules have the objective of preventing discrimination and harassment and any sort of corruption & bribery as well as the contacts with organized crime.

The **Ethical and Behavioral Code** describes the rules that all components of the academic community must follow in the implementation of the institutional activities. Furthermore, UNIVAQ, for the acquisition of good and services, strictly applies the principles of Italian Procurement Code (Law 50/2016 art. 80) fighting any kind of crime and bribery.

TEACHING

- **172** Course Units
- **3** Degree Programmes
  - o LINGUISTIC AND CULTURAL MEDIATION
  - o APPLIED DATA SCIENCE
  - o LANGUAGES AND CULTURES FOR INTERNATIONAL COMMUNICATION AND COOPERATION
- **5** Post-graduate vocational, specialization and LLL courses
  - o Healthcare Management
  - o Local Government Law and Management
  - o Management for the Coordinating functions of health professions
  - o Occupational Medicine Specialist
  - o Specialization course in Electric Energy Smart Management as part of the SITUM project

RESEARCH

- **412** Publications (Scopus 2017-2021)
- **31** Projects and Research Contracts

THIRD MISSION AND SOCIAL ENGAGEMENT

- **13** Projects

INSTITUTION

- **3** Plans
  - o Gender Equality Plan - GEP
  - o Positive Actions Plan - PAP
  - o Positive Actions Plan - PAP (updated)
- **7** Regulations, Resolutions
  - o University Statute
  - o Student Bill of Rights
  - o Guarantee Act Committee (CUG)
  - o Vice Rector for Communication
  - o Referent for Institutional and Regulatory Framework
  - o Referent for the Relationships with the Penal System
  - o Referent for the Network of Italian Universities for the Peace

Partnerships:
  - o RuniPace

17 PARTNERSHIPS FOR THE GOALS

TEACHING
272 Course Units
3 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
283 Publications
19 Projects
5 Research Contract

THIRD MISSION AND SOCIAL ENGAGEMENT
13 Projects

INSTITUTION
4 Plans
4 Regulations

The Italian "National Strategy for the Sustainable Development", based on UN Agenda 2030, established in 2017, focuses on 5 areas (5 P): People, Planet, Prosperity, Peace, Partnership.

Meetings with all stakeholders have been organised for identifying the implementation roadmap. UNIVAQ actively participates to the design of the national Sustainable Development policy as member of RUS (Network of Sustainable Universities) and RUniPACE (Network of Universities for Peace) and as expert in almost all the topics addressed by SDGs, and seats on national and international roundtables in support of policy-making strategies.

Furthermore, in the period 2022-2023, the Italian National Recovery and Resilience Plan (NRRP) integrated the goals and targets of the UN Agenda 2030 with 6 Missions and related Components:

- *M1 – Digitisation, Innovation, Competitiveness, Culture and Tourism*
- *M2 – Green Revolution and Ecological Transition*
- *M3 - Infrastructure for Sustainable Mobility*
- *M4 – Education and Research*
- *M5 – Inclusion and Cohesion*
- *M6 - Health*

providing the Italian Universities with funds for improving all the dimensions, including infrastructural assets.

This has represented a very good support for the University of L'Aquila, that after the destroying earthquake of 2009 and the pandemic, had to revise its approach to teaching and research, reinforcing the social commitment and play actively the role of anchor institution of the territory. This new interpretation of the third mission provided academic community, policymakers, companies and citizens with tools and methodologies for tackling the present social challenges.

The reconstruction has transformed L'Aquila, the sixth historical centre in Italy for quantity and relevance of monuments, into a pilot smart city integrating new infrastructures and technologies in a medieval context.

SUSTAINABILITY NETWORKS
UNIVAQ reinforced efforts in different fields of expertise to increase the presence in international communities and contribute towards achieving the SDGs both locally and internationally

INTERNATIONAL MOBILITY
International mobility programs, Erasmus+ for study and internship, which allows students to spend a period ranging between 3 and 12 months in another European university for study, and a period ranging between 3 and 6 months for internship. Outgoing and incoming mobility outside Europe is also financed by Erasmus+ as well as university funds. STRATEGIC PLAN Strategic Plan supports actions aiming to open the university to the world involving the whole academic community in projects addressing the social sphere by sharing knowledge for the common benefit. In teaching, research and relationship with society at large, UNIVAQ implements several development projects and built up database on crucial sectors of social life.

17 PARTNERSHIPS FOR THE GOALS

TEACHING
272 Course Units
3 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
283 Publications
19 Projects
5 Research Contract

THIRD MISSION AND SOCIAL ENGAGEMENT
13 Projects

INSTITUTION
5 Plans
14 Regulations

The HPC BIG DATA AND QUANTUM COMPUTING project

The **High-Performance Computing, Big Data e Quantum Computing Research Centre**, created and managed by the ICSC, is one of the five National Centres established by the **National Recovery and Resilience Plan (NRRP),** covering designated strategic sectors for the development of the country: simulations, computing, and high-performance data analysis, agritech, development of gene therapy and drugs via RNA technology, sustainable mobility, biodiversity.

More specifically, the project gathers Italian scientific communities of excellence from ten different fields and Italian companies to build a synergy between scientific communities and the industrial sector, to benefit both research and the productive system.

The Hub is in charge of validating and managing work programmes, whose activities are elaborated and carried out by the Spokes and their affiliates.

There are 11 Spokes, one dedicated to infrastructure while the remaining 10 focused on 10 distinct subject areas.

UNIVAQ is Lead of Spoke 5 (Environment & Natural Disasters) and partner in Spoke 9 (Digital Society & Smart Cities)

Spoke 5 - The rise in the number of natural disasters and their link to climate change are among the most increasingly relevant scientific and social issues worldwide. New state-of-the-art sensor technologies applicable to vast geographical areas (Internet of Things) and the ability to gather and elaborate big data may innovatively contribute to facing the criticalities and challenges linked to these research areas.

Spoke 9 - HPC and Big Data, combined with appropriate models, methodologies, and algorithms, offer new opportunities to solve key challenges in smart cities and digital societies. These are characterized by the confluence and interaction of different systems in the social, organizational and technological domains, which require new approaches that can overcome this "complexity wall".

The INTERMATH project
Erasmus Mundus Joint Master Degree (EMJMD) INTERMATH - Interdisciplinary Mathematics

It is a Network of 21 Universities, 13 research centers, and 10 industrial partners with primary focus on joint higher education programmes in interdisciplinary mathematics. The aim is to train the future generation of applied mathematicians at the intersection with industrial engineering, bio-medical sciences, economics, and social sciences.

The EPICO project
Erasmus Mundus Joint Master Degree on Electric Vehicle Propulsion and Control

It is a 2-year Master programme that offers useful and necessary multidisciplinary topics in the e-mobility field. E-PiCo will provide technical and scientific solutions to the issue of fossil consumption and greenhouse gas emission. It is devised to train students in the field of e-mobility in order to have them work towards ecological transition It is directly applicable to industry by training future electric propulsion system expert graduates. Through lectures by reputable researchers, practical work on the latest experimental platforms, sessions with

17 PARTNERSHIPS FOR THE GOALS

TEACHING
272 Course Units
3 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
283 Publications
19 Projects
5 Research Contract

THIRD MISSION AND SOCIAL ENGAGEMENT
13 Projects

INSTITUTION
4 Plans
4 Regulations

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industrial specialists, annual workshops, E-PiCo students acquire the most advanced knowledge that will prepare them for the upcoming challenges in e-mobility.

The EDISS project
Erasmus Mundus Joint Master Degree Programme on the Engineering of Data-intensive Intelligent Software Systems

EDISS intends to bring together software engineering educators working in data collection, data-driven assessment, and decision-making for both design- and runtime and software engineers, architects and data scientists working on data pipelines, data architectures, DataOps and in experimentation systems. Such synergy will lead to sharing knowledge and expertise, and thus create new ideas and impactful solutions. EDISS will educate experts who can masterfully integrate data science and ML solutions into software and system engineering processes.

The Se4GD project
Erasmus Mundus Joint Master Degree Programme on Software Engineers For Green Deal

The truly sustainable future requires that we understand the challenges from local to global level, from farms to industries, from companies to individuals, and are able to innovate, design and implement solutions that enable green and inclusive transition while making sure that no one is left behind. The Se4GD Programme educates experts to innovate, design and implement software-based solutions with sustainable effect in mind for local and global sustainability challenges.

The graduates will have an impact on individuals, societies, industries and governments through new responsible ways of developing systems

RUS - The Network of Universities for Sustainable Development

RUS is a network of Italian universities that cooperate with the aim of pursuing and promoting sustainable development, with the two main branches of environmental sustainability and social responsibility. The main purpose is the dissemination of the culture and best practices of sustainability, both within and outside the universities (at the urban, regional, national and international levels), with a view to increasing the positive impacts of the actions of Network members in environmental, ethical, social and economic terms.
University of L'Aquila joined the network aware of the key role that universities play in the training of future generations and in the dissemination of knowledge within society, to promote a real behavioural change.

ASviS - Italian Alliance for Sustainable Development

ASviS has the aim to increase the process of transition to a sustainable society. More than 300 institutions are now members of the Alliance and work to achieve this goal through:
- Development of the vulture of the sustainability at all levels,
- Analysis of the implications and opportunities for Italy by addressing the SDGs,
- Contribution to the definition of an Italian Strategy

17 PARTNERSHIPS FOR THE GOALS

TEACHING
272 Course Units
3 Degree and Post-graduate, Vocational, Specialisation and LLL Programmes

RESEARCH
283 Publications
19 Projects
5 Research Contract

THIRD MISSION AND SOCIAL ENGAGEMENT
13 Projects

INSTITUTION
4 Plans
4 Regulations

Festival dello Sviluppo Sostenibile (Sustainable Development Festival)

The events are organized every year, as contribution to the European Sustainanble Development Week. University of L'Aquila has been taking part in this event organised by the ASviS – Associazione Italiana per lo Sviluppo Sostenibile, During the Festival, the University organises a rich programme of events which are open and freely accessible to the general public.

RUniPace – Network of Italian Universities for Peace

The Network has been promoted by the Italian Conference of Rector (CRUI). Members of the network, are the Universities that inspire their actions on the fundamental principles of the Italian Constitution, of the UN Chart, of the UE treaties, of European Council Declaration on the repudiation of war as an instrument of offence against the freedom of other peoples and as a means of resolving international disputes.
University of L'Aquila is member of RUniPace.

TEACHING

- **272** Course Units
- **2 Degree Programmes**
    o APPLIED DATA SCIENCE
    o LANGUAGES AND CULTURES FOR INTERNATIONAL COMMUNICATION AND COOPERATION

1 Post-graduate vocational, specialization and LLL courses:
    o Strategic communication and critical thinking

RESEARCH

- **283** Publications
- **24** Projects
    o The Inter-university PhD Course in Sustainable Development and Climate Change

THIRD MISSION AND SOCIAL ENGAGEMENT

- **13** Projects

INSTITUTION

- **4 Plans**
    o Strategic Plan
    o Gender Equality Plan - GEP
    o Positive Actions Plan - PAP
    o Positive Actions Plan - PAP (updated)
- **4 Regulatiins, Resolutions**
    o Erasmus Charter for Higher Education 2021/2027
    o Erasmus Policy Statement 2021-2027
    o Referent for the Network of Italian Universities for the Peace
    o Festival dello sviluppo sostenibile (2020, 2021, 2022, 2023)

Partnerships:

    o RUS
    o RUniPace