

A project promoted by



SAPERi&Co
Sapienza Enhances Research
Innovation and Coworking



SAPIENZA
UNIVERSITÀ DI ROMA

Designed by



QUANTUM LEAP
IDEAS FOR SALE

S/5.0
SAPIENZA 5.0 FOR ITALY



S/5.0

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A project promoted by

Saperi&Co

Sapienza University of Rome

Designed by

Quantum Leap IP

SAPIENZA

SAPERI

SOLUTIONS

SUCCESSES

SKILLS





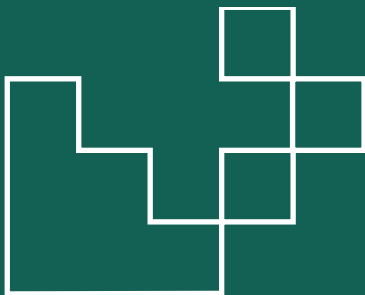
DESIGN YOUR SUCCESS

Building a strong and resilient company towards new market demands means innovating the internal processes and the attitude towards the value production.

The ability to **intercept change** and make the most of ideas means to expand the company's scope through the culture of innovation.

A structured ecosystem between Research, Industry, SMEs and Large Enterprises is the solution to meet the need to identify **new market requirements** and find the most **convenient and sustainable solutions**.





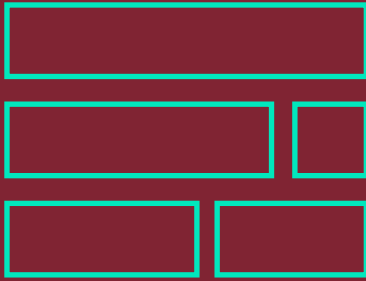
HOW TO BUILD THE COMPANY OF THE FUTURE?

Sapienza 5.0 for Italy is the joint response of **Sapienza University of Rome** and **Quantum Leap IP**, a leading company in Technology Transfer and Open Innovation.

Transforming research into competitive innovation on the markets becomes essential to create an **environment of direct interaction** between the actors involved.

The **Open Innovation approach** within the 5.0 ecosystem places the human being at the center of technological transformation, which aims to create profit and well-being for the company and for its stakeholders.

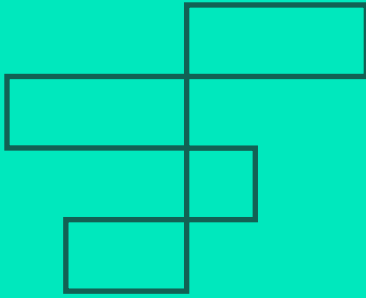
In this way an **integrated model** that enhances the latent potential and business performance is built.



THE INCUBATOR OF INNOVATION FOR ITALIAN COMPANIES

Sapienza 5.0 for Italy supports and guides the company to apply **interdisciplinary projects**, designed in collaboration with the protagonists of the company.

Following the paradigm of **Open Innovation 5.0**, a concept and methodology designed by Quantum Leap on the basis of the principles of Open Innovation and Society 5.0, applied research and technology transfer become the distinctive economic engine of companies that think long-term and want to relaunch their business to expand the competitive advantage towards **the new frontiers of innovation.**



THE PARADIGM FOR SUCCESS 5.0

Sapienza 5.0 for Italy provides companies with a path to actively plan the evolution towards a new approach to business through the tools of the **IP Strategy** and **consistent diversification**.

In the transition towards new processes and skills, the intensity of technological and market bonds is encouraged, projecting one's own competitiveness into a **stronger and more profitable dimension**.

The result is the construction of a concrete and applicable plan in the short-medium term, elaborated by the company together with the **multidisciplinary team** of Saperi & Co and Quantum Leap IP.

S/5.0

SAPIENZA 5.0 FOR ITALY

The values underlie a current and effective plan, in which the human factor is the key resource at the center of the development process.

Each actor called to participate in the implementation of the plan will be a main resource to define the attitude and entry of the company to the new 5.0 industry.

INNOVATION

RESEARCH

TRAINING

SUSTAINABILITY

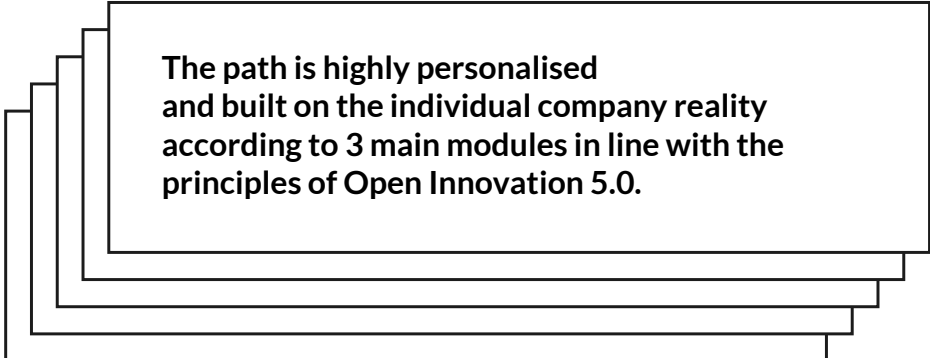
5.0



THE NEW SCIENCE AT THE SERVICE OF THE COMPANY

Designed for companies that want to produce value by adding to quality and product innovation an **ethical and sustainable vision and entrepreneurial attitude**, Sapienza 5.0 for Italy is a tool that provides strategic support and specific skills to intercept the needs of the company and transfer these needs to an effective production aligned with the challenges of current and future markets.

The resources deployed ensure a 360° corporate screening and the drafting of an operational plan in which the **multidisciplinary team** of one of the largest universities in Europe makes available to entrepreneurs the set of technological, scientific, IT and humanities knowledge.



The path is highly personalised
and built on the individual company reality
according to 3 main modules in line with the
principles of Open Innovation 5.0.

Module 1

TRAINING /5.0

The Training 5.0 module contains a choice of 4 courses through which create a training path to learn the fundamentals of the Open approach Innovation 5.0.

Module 2

DESIGN /5.0

The second module of the path is structured on the basis of the criticalities that emerged after an analysis and research process within the company or downstream and the needs identified at the end of the first Training 5.0 module.

Module 3

PRODUCTION /5.0

The multidisciplinary projects identified will be developed in synergy and according to the Open Innovation 5.0 approach with the aim of launching a new concept for the future Italian society: Società Italia 5.0.



TRAINING

/5.0

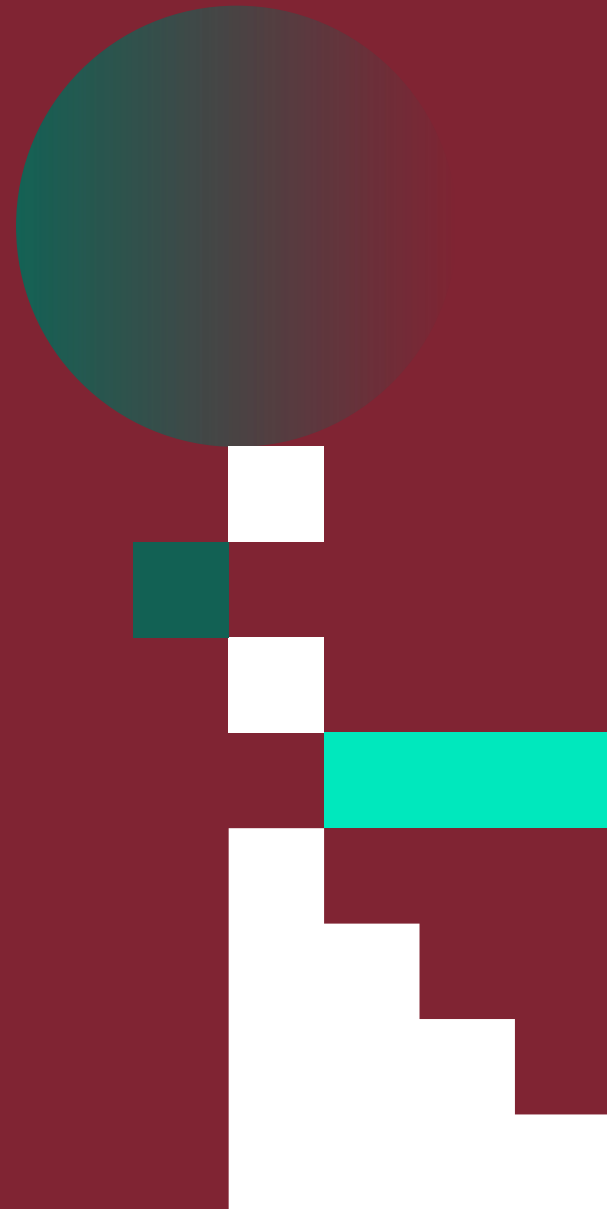
The **Training 5.0** module contains a choice of 4 courses through which creating a training path to learn the fundamentals of the **Open Innovation 5.0** approach

The module is not mandatory for obtaining the 5.0 Certification, but is designed to transfer to the company skills and methodologies to actively participate in the following processes **Design 5.0** and **Production 5.0**.

Starting from the analysis of business needs, we will proceed identifying the most suitable training path, stimulating a reflection on the near future of the company.

The **key parameters** will be:

- Company skills and know-how
- Internal needs
- current and future Market demands
- Offer potential already under development



This module includes four training sessions::

1. TECHNOLOGICAL TRANSFER AND OPEN INNOVATION

Technical course on Technology Transfer and Open Innovation, which stands as goal to provide participants all the means necessary to start an entrepreneurial project, from the identification of the best viable business model and its Unique Selling Proposition, up to the raising of capital to start the project, passing through the most advantageous IP Strategy where applicable.

3. HUMAN-CENTRED DESIGN

Human-centered design methodological course, which consists of a path of analysis and synthesis of the results - through the typical methodologies of the process - which will allow to define possible project solutions to be implemented further in the subsequent phases.

The narrative method used during the course will be that of storytelling, a fundamental skill for communicating innovation in Society 5.0, which will therefore prove to be an extremely formative experience for all participants.

2. DESIGN THINKING

Design Thinking methodological course, which aims to stimulate open-minded design processes in which to apply creative ability, according to a well-established methodology that also exploits the ability to visualise material (rapid manufacturing) and immaterial (visual communication and storytelling).

4. OPEN INNOVATION 5.0

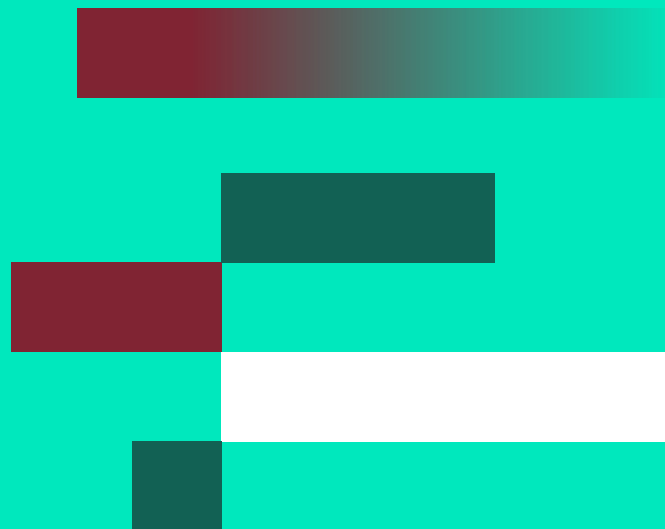
Practical course which, through extensive use of simulation, consists in the identification by the participants of the internal problems of the company reality, in the analysis of external scenarios and emerging technological trends and in assessing the feasibility of the solutions that emerged from the work teams, to arrive at a reasoned and conscious choice of projects to invest in and to present to the company board.

DESIGN /5.0



The second module of the path is structured on the basis of the critical issues that emerged after a process of **analysis and research** within the company or downstream and of the needs identified at the end of the first Training 5.0 module.

These critical issues, the object of planning in the Design 5.0 phase, are studied and unhinged through **problem solving** and collaboration between research teams and key company figures, in order to find a concrete and complete solution result of the contribution of knowledge and professionalism of one or more departments, in a **360 ° multidisciplinary perspective**.



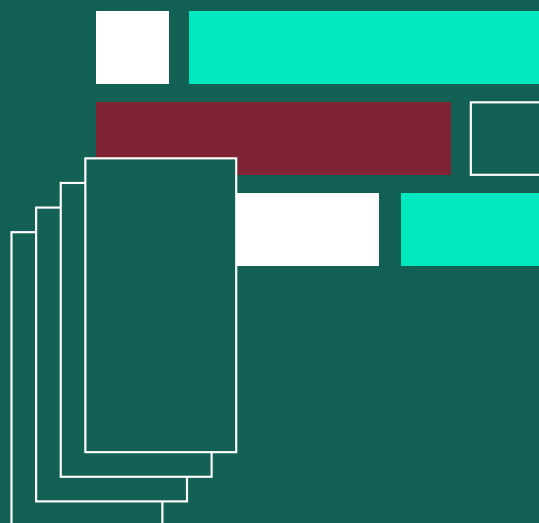
PRODUCTION

/5.0

The **multidisciplinary projects** identified will be developed in synergy and according to the **Open Innovation 5.0** approach, with the aim of launching a new conception for the future Italian society: Società Italia 5.0.

The **solutions** found and developed in Sapienza 5.0 for Italy aim to fit the definition of **Company 5.0** and outline the future company organisation, to achieve results in terms of cost of innovation/profit ratio which are more **sustainable** and oriented to the creation of a long-lasting **positive impact**.

The path provides that the activated **multidisciplinary projects** fit into the Guidelines 5.0 scheme, thus acquiring the Certification of **5.0 Human-Centered Enterprise**.






**THE 7 STEPS FOR
HUMAN CENTRED
BUSINESS 5.0**

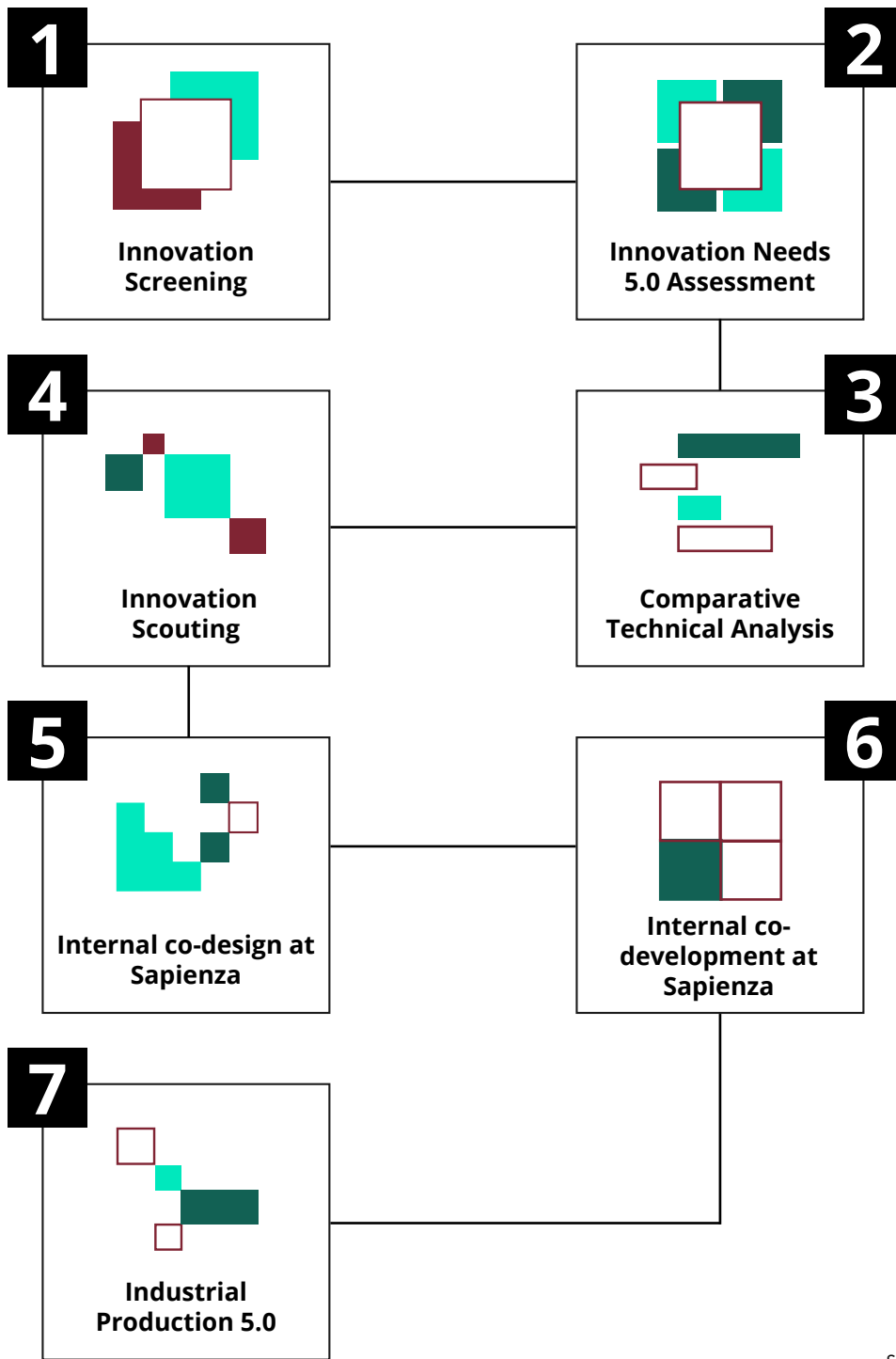
**THE COMPANY OF
THE FUTURE
CERTIFICATION**

The path includes 7 progressive steps identified with the support of Quantum Leap and Saperi & Co.

The company will identify and develop ad hoc solutions, in line with the principles of Open Innovation 5.0.

At the end of the entire process, Certification 5.0 will be acquired.







1. Innovation Screening

Analysis of the company's internal technologies: patents, designs, secret know-how, registered software.



2. Innovation Needs 5.0 Assessment

Identification of the company's internal innovation needs, based on the results obtained during activity 1.



3. Comparative Technical Analysis

Evaluation of the technologies identified during the screening and technical-qualitative comparison with the competition.



4. Innovation Scouting

Evaluation of possible solutions to identified needs and of the subjects who could support their development. The assessment will be conducted through the ecosystem of skills and technologies of Sapienza University of Rome.



5. Internal co-design at Sapienza

Concept and design through Saperi & Co., exploiting synergies with Sapienza departments, according to 5.0 methodologies.



6. Internal co-development at Sapienza

Prototyping and development of the solution through Saperi&Co, exploiting synergies with other Sapienza departments and / or with external parties in an Open Innovation perspective.



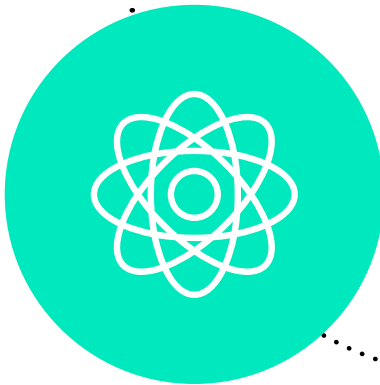
7. Industrial Production 5.0

Support to the production phase based on the results and prototypes finalised in activity 4 through advisory activities in order to certify that the solution falls within the guidelines of Open Innovation 5.0.

EXCELLENT PARTNERS



SAPERI&CO



QUANTUM LEAP IP



**SAPIENZA UNIVERSITY
OF ROME**

THE FIRST HUB FOR INNOVATION AND TECHNOLOGICAL TRANSFER

Saperi&Co is a large research, innovation and training infrastructure designed by Sapienza University of Rome. Saperi & Co enhances the excellence of Sapienza that goes from Design to Medicine, from Chemistry to Biology, from Economics to Psychology, from Law to Information Technology to make knowledge and skills usable, also thanks to the use of digital manufacturing equipment, focusing its activities in areas of regional specialisation such as aerospace, renewable energy, cultural heritage, bioscience.

Saperi&Co Hub, with a very modern headquarters within the university campus, is structured in a co-working area, a fab-lab, a workshop, a training area, a material library of innovative materials resulting from public and private research a research video communication laboratory and 4 on demand laboratories dedicated to 4 of the 6 regional strategies, in particular: aerospace, cultural heritage, life sciences and renewable energy.

Saperi&Co





SAPIENZA
UNIVERSITÀ DI ROMA

Sapienza University of Rome puts to system the network of laboratories and competences of the largest European University to foster collaboration between academia and the business world. The multidisciplinary nature of knowledge and skills are made accessible thanks to the use of digital manufacturing tools to stimulate the creation of new entrepreneurship and support innovation and technology transfer

Sapienza University of Rome

1.943

58

**UNIVERSITY
DEPARTMENTS**

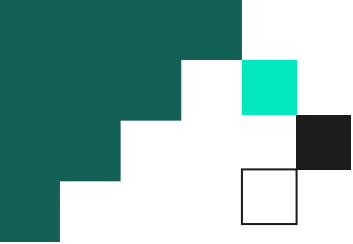
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LIBRARIES

3.311

ACADEMICS

**INTERNATIONAL
COOPERATION
AGREEMENTS**



INNOVATION AS AN ESSENTIAL COMPONENT OF COMPETITIVENESS

Quantum Leap IP is a leading consulting company in Technology Transfer and Open Innovation, with its activity transforming Research into competitive Innovation on an international scale.

The issue of the connection between research and business as an economic accelerator and the creation of a system based on the synergy between these two worlds in the enhancement of Intellectual Property are the foundations of Quantum Leap.

Halfway between research and business, since they speak a different language, we are here. We estimate the real market value of a technology and create a co-development path to transform it into a competitive product on the global market.

We work alongside companies to design an ecosystem of innovation and provide access to a path of technological growth: the ability to continuously innovate its offer, diversifying products and services, is the fundamental ingredient for planning one's competitive advantage in the future.

Quantum Leap IP

40

design
templates in
enhancement

350

families of patents
under development

10

Large industries
among customers
for Technology
Transfer

catalyst for
35

Startup

**COLLABORATION
AGREEMENTS**

with the major national research centers

THE VISION OF WHO WORKS TO OVERCOME THE BOUNDARIES OF INNOVATION

Human Centred 5.0

Open Innovation 5.0

Society 5.0

Company 5.0

Consistent diversification

IP strategy

Sustainability

Technology Transfer