



RESEARCH / PATENTS / SOFTWARE / APPLIED TECHNOLOGIES

Deep Tech - High Impact

ObliTech is an innovative deep-tech startup dedicated to applied research, software development and the advancement of proprietary technologies.



Applied research, software and intellectual property.

ObliTech S.R.L. is an innovative deep-tech startup and an Italian Benefit Corporation developing proprietary technologies through applied research, engineering and software.

Its activities encompass modelling, prototyping, validation and intellectual property protection, with the aim of turning scientific and technical results into assets that can be developed for industrial use.

01

Applied research

Analysis, design and experimental development.

02

Intellectual property

Patents, software, know-how and protection strategies.

03

Technology transfer

Co-development, licensing and collaboration with scientific and industrial partners.

Integrated capabilities.

ObliTech integrates applied research, engineering, software, modelling, validation and intellectual property into a single development process.

01

Research and development

Applied research, requirements definition, design and development of innovative technological solutions.

02

Modelling and validation

Numerical models, simulations, prototyping, experimentation and analysis of results.

03

Intellectual property

Protection and advancement of research results through patents, software, know-how and other protection mechanisms.

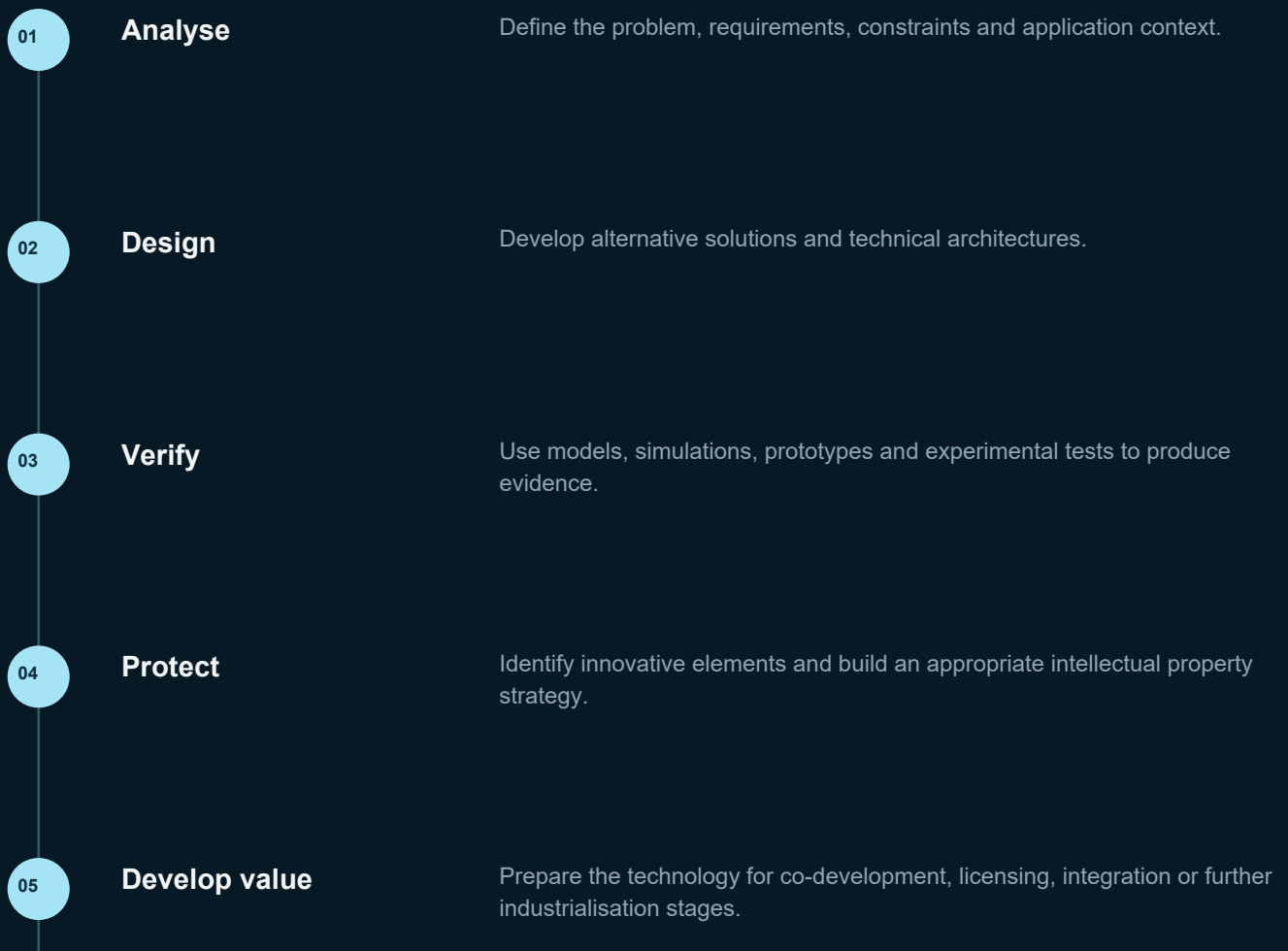
04

Software and intelligent systems

Development of proprietary software, algorithms, processing systems and digital solutions for scientific and technological applications.

A structured development pathway.

The pathway is adapted to the maturity of the project and the available evidence.



Multidisciplinary research.

ObliTech works across scientific and technological fields, with a multidisciplinary approach focused on applied research and the development of new solutions.

01

Advanced materials and systems

Research, characterisation and integration of functional materials and adaptive systems for advanced technological applications.

02

Multiphysics systems and processes

Study, modelling and development of systems in which different physical phenomena and control technologies interact.

03

Software and intelligent systems

Development of software, algorithms, automation and data processing for scientific, industrial and digital applications.

04

Human-technology interaction

Development of systems and solutions focused on interaction between people, devices and technological environments.

Scientific and industrial collaboration.

ObliTech also develops research and development activities through collaboration with universities, research centres, laboratories and industrial partners.

RESEARCH	Universities and research	Collaboration on research, modelling, experimentation and validation.
RTO	Research centres and laboratories	Specialist expertise and infrastructure for characterisation, testing and development.
INDUSTRY	Co-development and application assessment	Requirements assessment, technology integration and joint development.
TRANSFER	Licensing and joint development	Pathways for advancing intellectual property and technology transfer.

Scientific and industrial collaboration

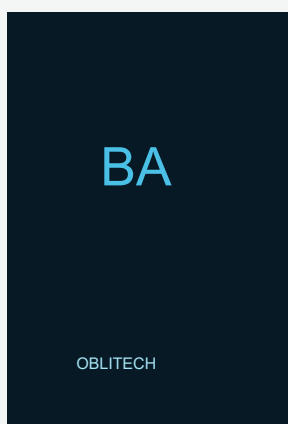
Pathways are defined according to research objectives, technology maturity and the expertise required.

Innovation and common benefit.

ObliTech incorporates common-benefit purposes in its articles of association relating to responsible technology development, scientific research and the growth of the innovation ecosystem.

01	Resources and environment	Research focused on efficient use of energy, materials and resources.
02	Safety and wellbeing	Development of technologies focused on safety, accessibility and improved interaction between people and systems.
03	Research and knowledge	Scientific collaboration, transfer of results, training and dissemination of an innovation culture.
04	Skills and local communities	Supporting researchers, technicians, professionals and emerging talent.
05	Responsible work	Protecting dignity, safety, inclusion and the development of professional skills.

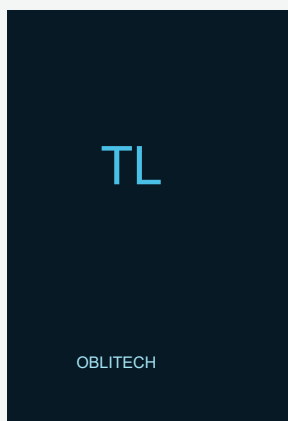
Scientific expertise and strategic development.



Bruno Abbondanza / Co-founder & Sole Director

Corporate strategy, development of the technology and intellectual property portfolio, business development and building scientific and industrial collaborations.

Coordinates development priorities and pathways for advancing ObliTech's technologies and proprietary assets.



Tania Langella / Co-founder, Mechanical Engineer, PhD

PhD in Industrial Product and Process Engineering. Scientific experience in composite and polymeric materials, experimental mechanics, numerical modelling and the development of advanced materials and systems.

5

international scientific publications

IP

multi-family portfolio

IT / EP / MU

protection activities in Italy and Europe

Research and proprietary assets.

ObliTech's activities integrate scientific experience, applied research, software development and the progressive construction of an intellectual property portfolio.

SCIENTIFIC EXPERIENCE

2025	Sustainable Materials and Technologies
2024	European Journal of Wood and Wood Products
2021	Journal of Composite Materials
2019	Journal of Materials Engineering and Performance
2018	Composites Part B: Engineering

ASSETS AND DEVELOPMENT

IP portfolio

Several research lines protected through patent applications, utility models and extension activities.

Proprietary software

Applications, algorithms and software systems developed within R&D programmes.

R&D dossiers

Technical documentation, models, simulations, experimental protocols and validation results.

Technology transfer

Licensing, co-development and collaboration with industrial and scientific partners.

MULTI-FAMILY IP PORTFOLIO

Active protection and development activities across multiple technology lines in Italy and Europe.

OBLITECH

Deep Tech - High Impact

Oblitech develops proprietary technologies through applied research, engineering, software and intellectual property.

It collaborates with universities, research centres and industrial partners on research, development, validation and technology transfer.

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