

IN THE SERVICE OF  
**PUBLIC AUTHORITIES**  
FOR INNOVATION AND DIGITIZATION

RESEARCH **TECHNOLOGY** SOLUTIONS



**FUB**  
Fondazione Ugo Bordon  
Research and Innovation

# Fondazione Ugo Bordoni

Fondazione Ugo Bordoni is a higher education and research institution, under the supervision of the Ministry of Economic Development, as defined by Law 3/2003.

Established in 1952 within the Ministry of Posts and Telecommunications, Fondazione Bordoni has a long-standing tradition of research and applications in telecommunications sector. Through fruitful exchange between basic and applied research FUB has been able to police technological landscape developments well in advance, combining studies in the field of ICT with the design and implementation of innovative services for government bodies, and with the identification of countrywide system policies in the field.

The Law 69/2009 guarantees its impartiality as trusted third party, and recognises its scientific autonomy, thus eligible to consulting and support of Government bodies and Independent Authorities, to elaborate and to propose development strategies for communications sector.

## Mission

FUB produces innovative projects to the interest of the Government, of Government Bodies, of scientific community, and of citizens.

In particular, Fondazione Bordoni pursues the following objectives:

- Promote technological innovation for the development and modernisation of the Country;
- Transfer know-how for the digitisation of public administrations
- Supply scientific and technical support to institutions and enterprises;
- Cultivate innovation research at an international level;
- Foresee scenarios and supply tools for the protection of citizenship;
- Serve as a reference point to administrations, academia and industry.

## In house company of Government Authorities

The 2019 Statute establishes the "Government Authorities Committee", which guarantees to all Government Bodies taking part in it to exercise similar control over the FUB pursuant to Art. 5 of d.lgs. 50/2016, thus allowing procurement to FUB through in-house providing.

As in house company bridging across all Public and Government Bodies, Fondazione Bordoni represents a unique situation in Italian ICT landscape.



# Governance

FUB has a public governance - Members of the Board are appointed: by the Prime Minister's Office (Chairman); by the Ministry of Economic Development; and on indication of AGCOM.

To better pursue its mission, a new organisation has been defined in 2018, with an along redefinition of internal processes.

The new organisation is characterised with a first level management made of four Directions cooperating to meet strategic objectives.

## GOVERNMENT AUTHORITIES COMMITTEE

TO BE APPOINTED

## BOARD

PRESIDENT

ANTONIO SASSANO

MEMBERS

LOREDANA FICARELLI

GIORGIO VENTRE

## BOARD OF AUDITORS

PRESIDENT

MASSIMILIANO GHIZZI

AUDITORS

LUIGI LA ROSA

MAURO CERIANI

## SCIENTIFIC COMMITTEE

PRESIDENT

MAURIZIO DÈCINA

PROFESSORE EMERITO POLITECNICO DI MILANO

MEMBERS

FRANCESCO CARDARELLI

STUDIO LATTANZI CARDARELLI AVVOCATI

GIOVANNA DE MINICO

DIPARTIMENTO DIRITTO COSTITUZIONALE UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

TOMMASO DI NOIA

DIPARTIMENTO DI INGEGNERIA ELETTRICA E DELL'INFORMAZIONE POLITECNICO DI BARI

MICHELE POLO

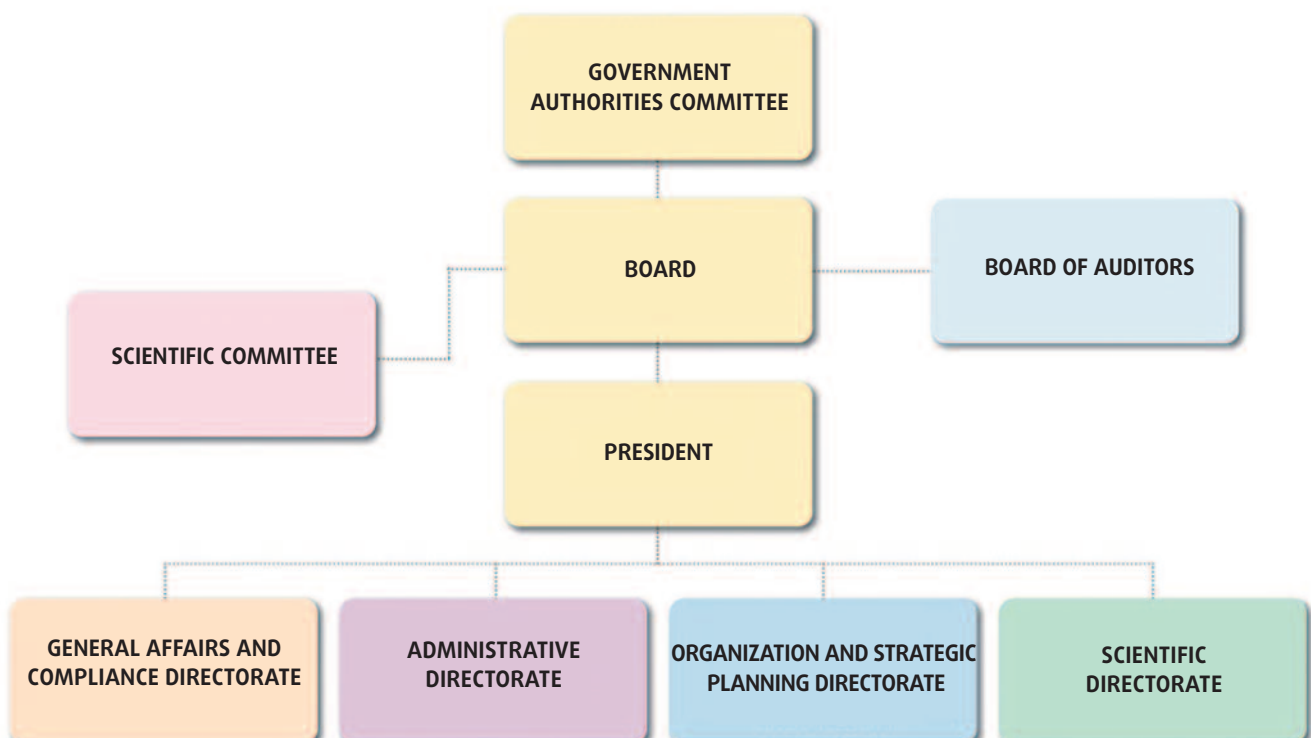
DIPARTIMENTO DI ECONOMIA UNIVERSITÀ BOCCONI

VITTORIO TRECORDI

DEI - DIPARTIMENTO ELETTRONICA E INFORMAZIONE POLITECNICO DI MILANO

VALERIO ZINGARELLI

PRESIDENT TELECOMMUNICATIONS STUDIES AND CONSULTING ADVISOR SINDACO DI VENEZIA PER LE SMART CITIES



# SKILLS

The almost 140 employed of Fondazione Bordini are engaged in project activities in 5 competence areas:

## Data Analysis

Information retrieval, data mining, big data, Artificial Intelligence, Scenario and economic analyses.

## Cyber Security

Information and network security, blockchain, security evaluation and certification.

## Networks

Design, implementation and management of fixed networks, 5G, Smart Grid, Smart Road.

## Digital Services

Process analysis, conception and implementation of digital services.

## Spectrum

Radio spectrum planning, optimisation and management, radiofrequency networks, including broadcast.

# VISION

Technologies such as 5G, blockchain and Artificial Intelligence (AI) are leading innovation in the ICTs, beginning to produce effects in all economic sectors, as well as in citizens' everyday life.

In the near future the combination of these technologies will boost a revolution, taking us further towards the next "quantum leap" in ICTs.

This may happen as a consequence of the intersection of phenomena and conditions already foreseeable in the actual global ICT scenario, such as:

- Explosion of 5G connectivity and of the Internet of Things;
- Permanent success of Artificial Intelligence;
- Minute diffusion of Blockchain technologies to support digital services.

In this way entire productive subsystems will be completely reconfigured, both regarding business models as well as activity perimeter.

**TECHNOLOGICAL INNOVATION  
FOR DEVELOPMENT  
AND MODERNIZATION OF THE COUNTRY**

# MAIN COLLABORATIONS



Ministero dello Sviluppo Economico



Ministero delle Infrastrutture e dei Trasporti



Commissione europea



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[www.fub.it](http://www.fub.it)

[@FondBordoni](https://twitter.com/FondBordoni)

Viale del Policlinico, 147  
00161 Rome  
TEL +39 06 5480 1

Viale America, 201  
c/o Ministero dello sviluppo  
economico  
00144 Rome  
TEL +39 06 5480 1

Villa Griffone  
Via Celestini,1  
40037 Pontecchio Marconi (Bo)  
TEL +39 051 846854