Quality and Information Security Policy
adopted with Board of Directors Resolution no. 11/24 of April 30, 2024

Fondazione Bruno Kessler, through a new organization that since 2024 has brought together the **12 research centers in the areas of** AI for Health, AI for Industry, AI for Society and Sensors for AI, aims at excellence in science and technology with special regard to cross-disciplinary approaches and application aspects. This is thanks to the constant focus on collaborations and exchange activities with research centers, universities, European and international institutions, small, medium and multinational companies, and public administration that expand its capacity for innovation and involve the local community and economy in the circulation of knowledge and technology.

Thanks to the high level of specialization in research, FBK intends to make a significant and concrete contribution to the improvement of the quality of life of citizens.

In the coming years, FBK aims to put its skills and knowledge at the service of society, to promote bold projects that can offer rapid and precise solutions, demonstrating the ability to anticipate needs, interpret trends, determine long-term scenarios, and invest in research to provide comprehensive solutions through a rigorous method.

FBK's **Vision** focuses on the **priority role of scientific research through the development of innovative technologies and artificial intelligence (AI)**: there is a need for multidisciplinary, international and highly interconnected, **cutting-edge scientific research in the fields of Artificial Intelligence, biomedical research, space exploration, digital industry, environment and quantum applications**. Research ready for direct and timely application for society, offering solutions to complex problems.

The Foundation aims to be a key player in national and international reflection on the impact of AI on Environmental, Social, Governance (ESG) dimensions. This is done through its own research programs and through open consideration that see hard sciences in continuous exchange with the humanities, ready to contribute and disseminate knowledge about how technologies work and the social and ethical implications of their adoption, actively and wisely proposing themselves to society, the community and businesses.

All this is divided into strategic objectives focused on ESG logic:

In the Environmental field:

- Research and Innovation in the field of Natural Resources (water, energy, air) such as

  construction of predictive models for managing critical situations and minimizing risks;

- Development of skills on environmental crises and disasters (pandemic, natural disasters, etc.) through, for example, research to strengthen systems for prevention and surveillance of emerging infectious diseases from a One-Health perspective, using a multidisciplinary approach to integrate human-environment and human-animal interactions, and social behaviors;

- Industrial systems for circular economy (fair transition, energy and environmental security) through improved management of complex production processes to increase process reproducibility, product quality and optimization of required resources;

- Study of advanced systems for applied research in space, enabling experiments for future applications related to issues of urbanization, environmental development and protection, and process optimization in agriculture.

In the Social field:

- Development of a digital and sustainable health care that, thanks to Artificial Intelligence and data fusion, will review

  the entire system starting with the healthy citizen, his or her well-being and lifestyles;

- The promotion of a fair a fair ecological transition that puts citizens at the center of change in energy- and climate-related areas, toward environmentally friendly lifestyles enabled by new technologies and services;

- Calculation of the impact of the introduction of innovative technologies on workers' quality of life;

- Building a more resilient, inclusive, and secure society through conscious and positive utilization

  of artificial intelligence and other digital technologies;

- Ethical, philosophical and historical reflections on AI, thanks to FBK's distinctive ability to foster processes of technological acceleration without excluding reflection on the social and cultural implications of the phenomenon.

In the area of Governance:

- Enhancing artificial intelligence as a tool of economic sustainability for enterprises

  and for preserving their industrial know-how;

- Promotion of transition technologies that will allow the creation, strengthening and growth of an entrepreneurial ecosystem, also through new models of Governance;

- Adoption of a plan to recruit and attract talent, starting with young people, that will also aim to their creative ability to do business to enhance the results of research;

- Actions for local communities, from science popularization to school guidance and innovation of local services.

FBK's mission is **to meet the AI challenge with quality, wisdom and scientific rigor, helping society govern its impact. In particular, the Foundation aims to develop:**

- research based on reliable and human-centered artificial intelligence: the assets designed by FBK meet the fundamental criteria dictated by the EU, according to which AI systems must be reliable, supporting human beings and not replacing them, human beings always at the center (human in the loop) and enabling AI solutions (human governance);

- an applied research model: from laboratory research to the delivery of large-scale AI-based systems, transferable and suitable for multiple industries. FBK is in fact a hybrid between a pure research center and an application/mini-production center, the latter needed to test usability, large-scale reproducibility and reliability of research results;

- the ability to innovate what already exists, dedicating itself to solving the critical issues that the sector (e.g. industry) displays, innovating existing technologies and not only creating new products;

- collaboration and dialogue with all stakeholders: thinking together about solutions, involving right from the design early stages, local communities and institutions[1];

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[1] Source: 2024-2026 Budget and Three-Year Business Plan

The Foundation conducts its activities based on the following principles:

- scientific rigor, competence, responsibility and method;
- promotion of knowledge of research results and evaluation of the results of research activities carried out on the basis of objective criteria;
- simplicity, functionality and cost-effectiveness in organizing research activities;
- support of mobility both of ideas and human resources;
- transparency of researcher selection procedures and promotion of their professional growth;
- economic exploitation of research results including for the benefit of the staff who contributed to their achievement as long as it is compatible with the nonprofit purpose of the Foundation;
- organization into areas of research and cooperation and coordination between various divisions and departments;
- support function of administration departments to cultural and research activities, which are the basis for the foundation's establishment;
- involvement of the researchers in the institutional life of the Foundation, according to the methods provided for by specific regulations.

Fondazione Bruno Kessler has adopted a Management System for Quality in accordance with ISO 9001:2015 and for Information Security in accordance with ISO 27001:2022 in order to optimize organizational flows, stimulate continuous improvement, and increase the Foundation's reliability in information security management and data protection.

FBK undertakes to pursue the following guidelines:

1. Implement, certify and maintain an integrated management system aimed at continuing performance improvement;
2. Improve its processes, from a functional and organizational perspective, to allow the expectations of the interested parties to be heard and the needs and expectations of the clients to be met;
3. Monitor processes through appropriate performance indicators in order to keep track of the achievement of set goals;
4. Promote staff responsibility and awareness through information and training programs, ensuring that staff will acquire adequate knowledge about information security;
5. Promote professional growth in a positive working environment;
6. Improve internal and external communication;
7. Promote the sharing of tools and good practices between the organization's structures;
8. Keep under control compliance with current legislation, updating and adaptation of regulations;
9. Reduce non-conformities at source through appropriate corrective and preventive actions;
10. Make the information available to authorized persons, putting in place actions to prevent unauthorized access;

11. Ensure the security of the premises and of the physical, logistical and organizational tools suitable for the processing of information in all activities;

12. Ensure that anomalies and incidents affecting the company's information system and security levels are promptly recognized, classified and properly handled through the continuous implementation and improvement of prevention, recording and response systems and procedures in order to minimize their impact;

13. Maintain information security in the development and support cycle of information systems;

14. Carefully select and monitor suppliers who provide ICT services/products;

15. Ensure business continuity and disaster recovery through the application of set of safety and emergency procedures.

The Foundation undertakes to take an active role in the promotion and guidance of all activities having an influence on the Quality and Security of Information, through the dissemination at all levels of the concepts set out and the continuous monitoring and updating of this policy and the objectives set.

Read and approved by the Board of Directors at its meeting on April 30, 2024