

A human centered approach to Al

Innovation calls for responsibility

In an era characterised by a new frontier of **human-machine interaction**, Al is becoming an essential part of our daily toolkit. Its pervasiveness is accompanied by **challenging ethical issues** such as fairness-transporency, accountability, as well as liability and security of Al solutions.

AI relies on existing data, but how data is chosen and interpreted often remains hidden from users. It is crucial to ensure that decisions are **transparent**, **explainable** and made according to **shared ethical values**.

Our approach

- → We founded our first AI research center in Italy in 1987 and we developed our Proprietary Large Language Model in 2022
- We actively cooperate with EU institutions to promote responsible and ethical development of Artificial Intelligence
- We have been using AI for over 10 years to improve digital accessibility, for energy sustainability, to fight climate change and misinformation

A **Responsible AI** approach requires the involvement of multidisciplinary teams and the adoption of specific care from the collection and management of raw data, the writing of algorithms, and their training on previously selected data, to the very use of the information derived from AI-based systems.

The Value of Technology's Impact

Responsible Productivity

The integration of responsible production principles from the series drapes of development entired stages of development of the series of the

Social Cohesion

Promoting and supporting Inclusion and diversity in AI development ensures that the solutions created meet the needs of multiple stakeholders and that the benefits of AI are fairly distributed No-code

stackenolders and native benefits of Al are fairly distributed. No-code Al tools, designed with effective usubility principles, enable even non-experts to build Al solutions. Virtual assistants based on generative Al improve the accessibility of services, making them simple and intuitive to use, regardless of education, experience or skill level, by integrating different modes of communication such as visual, textual and roral.

Cyber Awareness

Artificial generation of synthetic data, simulating characteristics and distributions of real data, bridges information needs while protecting sensitive data and privacy, reducing sensitive data and privacy, reducing bias and increasing the fairness of algorithms. The private Generative AI approach, with the implementation of Generative AI models within a controlled and private environment, guarantees accuracy and relevance. Federated ML techniques allows.

reaerated ML rechniques allow sophisticated local models to be developed in federated environments, without the need to exchange and share data.

Our Toolbox









Our Impact

