



TEAMDEV  
ecosystem



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# RESEARCH & INNOVATION

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TeamDev is an ecosystem of heterogeneous skills that offers technological services dedicated to the digitalization of industry, smart farming, sustainable development, and urban management.

**Smart Industry.** Designing solutions for the digital transformation of industrial organizations that take into account the complexity of production systems and the importance of the human factor.

**Smart Farming.** Developing apps and solutions to support farmers and operators in optimizing agronomic practices.

**Government and PA.** Developing applications to digitize public processes and manage data. The suite of available solutions is ranging from civic technologies to advanced decision support systems for local administrators.

**GIS for sustainable development.** Integration of skills in Software Development, IT, and Geographic Information Systems (GIS) to promote collaboration between the actors of sustainable development.

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# VISION

TeamDev believes in a world where technology is at the service of people and communities, where the digital revolution and human development progress in tandem.

# MISSION

The designing and the development of technological solutions are created to facilitate human interaction with data, placing humans at the center of processes and activities.

# VALUES

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At the basis of the company values, there is a human-centered approach to data management, respectful of the privacy of individuals and organizations.



# RESEARCH & DEVELOPMENT

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In TeamDev, the research and development process is organized in a very flexible way to take advantage of every opportunity to improve existing products and services or develop new solutions. The organization in small teams is intended to proceed in parallel on projects and research. Over the years there were lots of collaboration opportunities with private companies, research foundations, universities, international organizations, and NGOs from all over the world. TeamDev's network is particularly strong in Europe, where it has established strong relationships with partners through fruitful collaboration in EU-funded innovation projects.





# HUMAN AT THE CENTER

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TeamDev has always adopted a human-centered approach not only in the design and development of technological solutions but also in the management of relationships, both internal and external. The centrality of the human being is expressed not only through the optimization of the user experience but also through constant attention to the impact generated by the company on its ecosystem.

To that end, the solutions are designed around the best user experience standards and take into account the consequences of applying technology



in people's daily lives. This is relevant especially in automation and decision support systems, where the role of the human being should be enhanced, rather than canceled or debased, by technology.

The technology is not certainly neutral. For this reason, the aim is to adopt privacy-by-design principles that allow a conscious and correct use of data, in line with the most advanced guidelines of the European Commission.

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# OUR GROUP







TeamDev applies its skills in a wide range of contexts. Primary targets are private companies wishing to digitize industrial processes and public administrations. In the B2B segment, TeamDev has a strong experience in the creation of software solutions based on Industry 4.0 standards, using advanced technologies:

**Human-machine interface.** Designing and developing advanced H.M.I. solutions for industrial machinery, communicating directly with the PLC interface.

**Industrial analysis.** Developing software solutions for monitoring the production process and machine integration, big data analysis, and operations planning.

**Predictive maintenance.** Facilitating predictive maintenance through software solutions and ML algorithms that help intervention to reduce downtime costs.

**Communication.** The entry-level solution for the

digitization of SMEs facilitates communication between operators and supervisors.

In the B2G segment, TeamDev provides technological innovation services for public institutions and publicly owned companies:

**Process digitization.** Creation of dedicated applications to digitize and optimize processes and workflows, in line with the AgID directives.

**Middleware.** Middleware solutions are implemented to collect data from existing public solutions and maximize their impact on public management.

**e-Government.** Development of e-government solutions to facilitate the connection between Public Administrations and citizens or organizations.

**Training and consulting.** TeamDev provides training and consulting services to public institutions wishing to retrain or improve the level of their digital skills.

# GISACTION

GISaction, a TeamDev brand, emerged in 2010 to enhance a particular form of Action, belonging to the civil economy, using the geographical approach. Our solutions allow NGOs, on a local, national and international scale, local and national governments, businesses, and all stakeholders involved in international cooperation and sustainable development to save costs, increase efficiency and improve communication.

**Workflow innovation.** Advisory services on how to efficiently structure NGO workflows under adverse conditions for risk reduction. Some GIS workflows can help increase the impact and effectiveness of projects and programs, optimizing data acquisition and analysis and, at the same time, providing a more solid, more communicative, more effective result: the map.

**G.I.S. and mapping.** Geographic information sys-

tem for monitoring the activities and safety of international programs. Maps give crucial information because they are both analytical and artistic. They give shape and clarity to things and the world.

**Measurement of results.** Tools and methods for monitoring the impact of international development initiatives at various scales. A map makes it easy to represent data, demonstrate results, and make information accessible to all.

**Communication.** Multi-channel communication services and storymaps to inform and involve people in cooperation. The storymap allows you to tell complex stories, even very different from each other. The creation of the map and independent web applications depends on the geographic space. In addition, these web applications integrate other types of content such as text and multimedia into web maps.





# WISETOWN



WiseTown is a brand of TeamDev with a long experience and collaboration with medium-sized Italian cities through IT projects for the Public Administration. Officially founded in 2012, WiseTown® suite makes available to administrations a wide range of tools to manage complex processes in both day-to-day urban operations and long-term urban planning. Our civic technology approach protects citizens' privacy and makes them engaged and proactive.

**Issue Manager.** The path towards participatory democracy begins with the creation of a direct line between citizens and local authorities. Issue Manager allows citizens to report current problems and emergencies in the city for a quick and direct reaction from public administrators and local operators.

**Deliberative Democracy.** The tool allows local au-

thorities to communicate with citizens about current and future public policy goals, with the ability to get feedback and generate engagement.

**Situation Room.** The urban monitoring system is created to monitor in real-time what is happening in a geographical area and how people move and react to particular events. It is possible to integrate information collected from different sources, including IoT sensors, social networks, and other applications of the WiseTown suite.

**Geoanalytics.** The long-term planning tool is a decision support system designed to facilitate urban planning and policy design at any scale. Thanks to the analysis of different data sources of satellite, municipal, and IoT sensors, it is possible to have an extremely precise picture of territorial dynamics. Through GeoAnalytics the information can be managed and displayed simply and intuitively.

# FIWARE

## INNOVA IHUB

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FIWARE Innova iHub is a non-profit association aimed at promoting technological innovation in Italy, through training, consulting, and co-designing of technological solutions. It is part of the iHub global network powered by FIWARE that promotes open source culture and tools, applied to high-tech areas such as the Smart City and Smart AgriFood. The iHub works closely with public bodies, universities, and companies to spread FIWARE technologies through courses and certifications.

**Advice on innovation projects.** Taking advantage of the partners' ecosystem, research institutions, and innovative companies, the Association supports cities and companies throughout the digitization process, identifying and implementing the most appropriate technologies and suitable solutions.

**Mentorship and training.** Mentorship and tutoring activities are carried out through tailor-made business empowerment initiatives, specialized seminars on key issues for digitization, and workshops dedicated to deepening specific technological themes.

**Support for accessing funding.** Through its network and the FIWARE Foundation, FIWARE Innova iHub operates to identify public, national, European, and international sources of funding.

**Business networking and matching.** The iHub is committed to creating networking opportunities to encourage collaborations and synergies, exchanges of ideas, and practical and concrete ideas deriving from the matching between companies and experts.







## CISTAI

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Ci. Sta. I. was founded from the desire of several companies to stimulate an entrepreneurial model in the local economy that places people and relationships at the center of company dynamics, to create networks and disseminate good practices. It offers training and research courses on the principles of the civil economy that include more and more realities in collaboration and assistance networks, addressing the numerous voices available to the Umbrian territory: from businesses and entities (public and private) to citizenship. Concrete actions in the for-profit world are promoted to encourage the development of a business model that, in conjunction with reciprocity and sustainability, can find its strength in terms of productivity, creativity, and innovation.



# 32CONNECT

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32connect has all the skills needed to create a complete solution: electronics, mobile applications, back-end platforms. Directly or through its partners, 32connect can offer all the necessary technology for the implementation of any project related to the Internet of Things. The two main sectors of activity are:

**Agro.** for collaborations to develop support solutions in the field of cultivation and research.

**Industrial.** the multi connect ecosystem allows to easily create wireless solutions for telemetry and control in the open, even over large areas.





