HISTORY

MEDISDIH S.c.ar.l. is the evolution of the Technological Cluster MEDIS S.c.ar.l. that, operating since already ten years on the Apulian territory, has gained a relevant experience in the integration of innovative activities of large companies, SMEs, private research centres as well as Universities and public research centres for the development of mechatronics enabling technologies and their technological transfer to the territory.

Mechatronics, born from the operational opportunity of integrating the multidisciplinary technologies of mechanics and electronics, continues creating integration opportunities of rapidly changing and multidisciplinary technologies. According to this, MEDISDIH continues to be strongly involved in the promotion of industrial product/process innovations integrating the recently achieved digital progress in order to support mechatronics technologies.

MEDISDIH, by identifying I4.0 digital technologies as the key milestones for an effective industrial processes transformation to address the new territorial competitiveness needs, works to promote:

- I4.0 company organization based on digital tools for sharing information and supporting decisions;
- An evolved value chains concept in terms of relationships between Dealers, OEMs and Tiers made possible by the new tools for sharing information between partner companies at different stages of the production process;
- New generation of products and services made possible by the high content of information of current products and their related components.

MEDISDIH is a Digital Innovation Hub promoted in Italy by Confindustria and registered in the European Digital Innovation Hub catalogue.

Beside supporting the transfer of digital technologies to companies at any level of digital maturity, MEDISDIH is focussed on actively involving the relevant territorial actors in the main European, National and Regional digital innovation initiatives with particular reference to Robotics, Manufacturing, Health, Agri-food, Infrastructure and Security sectors.
MEDISDIH challenge is to implement knowledge and experience gained in the framework of projects coordinated by the Mechatronic Cluster (which have led to the digitalization of the production processes of several technologically advanced partner companies able to oversee global markets) in supporting manufacturing companies belonging to other industrial fields relevant for the territory, such as those of wood-furniture, footwear, clothing, the agro-food industry but also those of buildings and stone materials and coatings, etc., in operating a gradual digital transition at their measure.

Doing so, MEDISDIH will also benefit from the experience gained in relationship with its Large Group member companies, which nowadays delegate an ever-increasing number of activities to SMEs having a more effective business dimension to manage the development of specific high-tech product subsystems.

This represents an important opportunity for local SMEs in terms of raising their products added value as well as their competitiveness. For this reason MEDISDIH intends to continue playing its role of intermediary between Apulian companies and large Industrial Groups, while sharing its decennial experience in the field of industrial processes and corporate organization gained from interactions with its Large Companies associated.

In the process of supporting the transition of local SMEs to highly digitized industrial processes and company organization, MEDISDIH aims at maximize also the contribution of its Public Research Bodies partners as well as National Competence Centres to ensure that the digital innovations implemented by the companies of the territory could have the gaze already turned to those of the near future.

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**The challenge: "Supporting the transition of local SMEs to digitized industrial processes and company organization"**

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**THE “Digital Innovation Hub” ACTIVITIES OF MEDISDIH**

In line with the European strategy Digitizing European Industry, also adopted by Confindustria, MEDISDIH carries out its Digital Innovation Hub activities aimed at providing local companies with the following services to support the digitalisation of their own processes.

- Evaluation of digital maturity
- Development of the innovation ecosystem
- Market intelligence
- Training and education
- Supporting SMEs in the analysis of needs, opportunities and I4.0 technological options
- Brokerage
- Access to the specializations of Digital Competence Centres and technology clusters
- Support in conceiving and planning Industry 4.0 projects
- Access to public and private, national and European projects and funding
- Incubation and mentoring services
- Consulting on Industry 4.0 (intellectual property, tax, business modelling, evaluation of investment projects)
MEDISDIH members

MEDISDIH is constituted in the form of a limited liability consortium company between public and private partners able to comprehensively represent the Apulian innovation ecosystem. They include all the main universities of the region, public and private research centres, large industrial groups as well as large companies and local SMEs operating in highly technological industrial sectors.

All MEDISDIH members are equipped with advanced laboratories in several mechatronics and digital fields of specialization of interest for the territory. With particular reference to the company members of MEDISDIH, these are at the forefront on the territory for the high level of digitalization of their organizational and production processes and represent virtuous models to be followed for other local companies.

MEDISDIH members represent a precious pool of skills for the Apulian Digital Innovation Hub activities, especially with reference to innovation activities addressing the major current needs of local companies, towards whom MEDISDIH members can act as mentors for the implementation of advanced digitized industrial processes.

Public Members
- Politecnico di Bari
- Università degli Studi di Bari
- Università del Salento
- CNR

Private Members
- Confindustria Bari e Barletta-Andria-Trani
- Centro Ricerche Fiat S.C.p.A.
- Magneti Marelli S.p.A.
- Itel Telecomunicazioni S.r.l.
- MERMEC S.p.A.
- MASMEC S.p.A.
- Centro Studi Componenti per Veicoli S.p.A.
- MAGNA PT S.p.A.
- FPT Industrial S.p.A.
- EXPRIVIA S.p.A.

MEDISDIH is continuously committed in creating opportunities for the involvement of regional companies, as well as potential stakeholders, in initiatives supporting the digitisation of industrial processes and the definition of industrial innovation projects.