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# Institut Mines-Télécom in the TOP 4 of the R&D job preservation component of the stimulus plan for higher education, research and innovation

IMT has been awarded more than €16.3 million in funding for a total of 119 R&D positions with companies.

Within the framework of the "France Relance" Recovery Plan and the first wave of its support for R&D employment, Institut Mines-Télécom (IMT) has been ranked fourth among public operators involved in supporting scientific employment through its partnerships with companies. As a leading public organization in R&D and innovation in France, IMT is a key regional player for research in partnership with companies and socio-economic actors. Within the framework of this part of the recovery plan, IMT is affirming the relevance of its positioning in its sites where, thanks to the excellence of its research, it provides an indispensable link in the development of the innovative technologies offered by companies.

This component of the Recovery Plan for the preservation of R&D jobs has a total budget of €300 million. The budget allocated to Institut Mines-Télécom allows for the financing of 76 projects for a total of 119 positions and more than 178 FTEs (full-time equivalent) in its schools. 6 IMT schools are beneficiaries: IMT Atlantique, IMT Lille Douai, IMT Mines Albi, Mines Saint-Etienne, Télécom Paris, Télécom SudParis.

The system is based on two types of scheme in order to maintain R&D jobs in companies and facilitate the professional integration of young graduates and doctoral students. In concrete terms, within the framework of research cooperation between a company and a non-profit structure with a research activity, the State covers the remuneration of the R&D personnel involved in this collaboration:

- The employee of a company is made available to a public research laboratory for a short period of time (one to two years) or undertakes a thesis in a public laboratory, in both cases within the framework of an existing research partnership.
- A young graduate or a young PhD is hired by a public laboratory to be made available to a company, in both cases within the framework of an existing research partnership.

### R&D collaboration with small, medium and intermediate-sized businesses is part of the identity of Institut Mines-Télécom

The mission of Institut Mines-Télécom is to promote economic development through close collaboration between its research laboratories and companies of all sizes in its territory, from very small companies to intermediate and large groups, through training, research and innovation.

Institut Mines-Télécom supports companies throughout the entire innovation cycle, regardless of their stage of development. It hosts 200 startups in its incubators, but also has strong partnerships with major groups such as Airbus, Naval Groupe, Orange, etc. Its partnership research contracts represent an average of more than €70 million per year, a major part of its research activity, which is supported by more than 1,100 professors and as many doctoral students, as well as more than 300 R&D engineers and post-docs. Its involvement and the quality of its collaborative research are recognized through two Carnot Institutes: Télécom & Société Numérique and M.I.N.E.S, the first academic Carnot institutes in France.

#### A national footprint to support regional economic development

IMT is a national institute of science and technology whose activities are carried out by 8 graduate schools in the main regions: Auvergne-Rhône-Alpes, Bretagne-Pays de Loire, Hauts-de-France, Ile-de-France and Occitanie, in relation with twelve affiliated schools and one associated school which complete this territorial network. This strong local base facilitates exchanges with companies, which are the wealth of the region, and enables research teams to understand the needs of companies and, more specifically, of the ecosystem in which they operate. Thus, the operations carried out to preserve R&D jobs affect almost all French regions.

IMT teams can scale up on certain projects by calling on other IMT schools. A local company can thus gain access to the significant R&D capacity that a national institute can offer by networking its research forces.

## IMT's flagship themes are in line with the scientific issues of companies and the priorities of the State as outlined in the PIA4

IMT positions its scientific expertise at the crossroads between engineering and digital technology, science and technology. Echoing the main themes that structure its research, the projects for which positions have been preserved concern the major areas of:

- health engineering,
- risks & cybersecurity,
- AI,
- networks and IoT,
- production systems.

Thanks to the leverage effect of this part of the recovery plan, companies will be able to strengthen their capacity for innovation by working on projects related to robotics, protection of medical imaging data, medical devices, smart buildings, digital twins, Al applied to sound processing, decision support systems, the industry of the future, and more.

Odile Gauthier, President of Institut Mines-Télécom, explains: "This major endowment is recognition of the quality of the Institut Mines-Télécom's research partnerships and its involvement in the economic world, in line with its missions. Appearing in the recovery plan as one of the Top 4 public research operators shows that we have a win-win cooperation model

with companies. With this scheme, which not only preserves the skills of research collaborators in the private sector, but also supports young people who want to pursue a career in research in conjunction with companies, we are contributing to the future of the country."

#### About Institut Mines-Télécom www.imt.fr

Placed under the authority of the Ministry in charge of the Economy, Industry and Digital Technology, Institut Mines-Télécom is a public institution of higher education and research bringing together 8 graduate schools: IMT Atlantique, IMT Lille Douai, IMT Mines Albi, IMT Mines Alès, Institut Mines-Télécom Business School, Mines Saint Etienne, Télécom Paris and Télécom SudParis, 2 subsidiary schools: EURECOM and Insic and a network of strategic partners and affiliates. Its activities in the fields of engineering sciences and digital technology support the education of engineers and managers, partnership-based research, innovation and economic development. Always attentive to the economic world, IMT combines strong academic and scientific legitimacy, close corporate relations and strategic positioning in the key transformations of the 21st century: digital technology, industry, energy and ecology, and education. IMT is a founding member of the Alliance for the Industry of the Future and cofounder of the Franco-German Academy for the Industry of the Future with Technische Universität München (TUM). It is recognized by 2 Carnot Institute certifications for the quality of its partner-based research. Each year, IMT trains over 13,000 students, enters into nearly 70 million research contracts, and hosts some 100 start-ups in its incubators.



@IMTFrance

Press contact : Institut Mines-Télécom Séverine Picault +33 (0) 6 27 66 05 09 / +33 (0) 1 75 31 40 97 severine.picault@imt.fr