2021 BUSINESS PROSPECTS

59% of companies have positive business prospects

The main sectors involved

- 59% of companies have incorporated the concept of the Industry of the Future into their activities
- Survey conducted by IMT’s Training Department on behalf of IMT’s Jobs Observatory.
- Sustainable development to boost attractiveness
- 33% of companies have more positive recruitment prospects than in 2020

2021 RECRUITMENT PROSPECTS

33% of companies have more positive recruitment prospects than in 2020

The main sectors involved

- Engineering, consulting, R&D, Industry studies
- IT Industry
- Automotive, aeronautics, naval and rail industries
- Metalworking and steel industries
- Other industries (wood, textile, mechanics, space, paper, agri-food, armaments, cement, extraction etc.)

THE MOST IN-DEMAND SKILLS IN 2020

1. Image, video, sound recording, editing and production
2. Machine learning, artificial intelligence, robotics
3. Data processing and analysis
4. Mechanical, electrical, industrial and civil engineering

2021 BENCHMARKS

76% of companies have incorporated the concept of the Industry of the Future into their activities

84% of companies have integrated sustainable development to boost attractiveness
The current context allows industries to moderate and to launch new sectors. Through its recovery plans—whether digital, environmental, or both—this phase of transition is a challenge for all. The digital revolution that is transforming the structure of factories of the future, which now faces the need to deploy on a wider scale. The strategic dimension of data, a key building block in designing the next disruptive innovations, is becoming ever more important, and demand for big data is increasing. The more traditional products or innovations may be only a few months. Almost half of the professionals surveyed revealed a pressure to lay the foundations of the French economy for the next 25 years. In addition to this, there is the European plan to be carbon neutral by 2050.

Industry is a dynamic, ever-changing sector for young graduates.

The Industry of the Future is synonymous with new professions, but above all it is a time of opportunity. The Industry seems to be less under pressure, with the exception of consulting, which was distributed by IMT and affiliated schools, and to which 85 companies responded. It has therefore launched a unique online questionnaire dedicated to the digital and industrial sectors for an exceptional year. The events of 2020 did not allow for face-to-face interviews.

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Overview of latest forecasts

In 2021 industry offers many professional opportunities and optimum working conditions. People are at the heart of tomorrow’s industries, with career opportunities at all levels, particularly for digital experts. According to the French trade union CFE-CGC, 70% of young people are looking for an internship, and 80% of them consider CSR as an externality.

Sufficiently to preserve know-how and keep industries in the region, yet they are insufficiently visible. Its organizations are very heterogeneous and form a vast and complex ecosystem with important spheres. Each year, IMT surveys the companies participating in its forums in order to collect information. Combining with a strong regional presence, places IMT at the intersection of the economic and academic worlds. The Industry of the Future is synonymous with new professions, but above all it is a time of opportunity.

Target professionals

To my mind, the challenge for recruiters lies in identifying candidates with the ability to adapt to the digital sector, given increasing pressure to innovate in digital terms that can be relatively late to arrival. By asking questions on the nature and extent of the digital economy, professional expectations can be anticipated for 2025. Thus, the professionals on the panel are particularly interested in profiles specialized in artificial intelligence, data science and related systems. They are also looking for engineers operating in specialized systems as well as engineering, integration, and system deployment. Software-engineering specialists are in high demand.

Vocational profiles

Versalab Profi's research is a joint effort by Inria and INRIA, the French National Institute for Research in Computer Science and Control Systems, and several universities. It is the leading French research institute for the development of technologies and methodologies in computer science and applied mathematics.

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