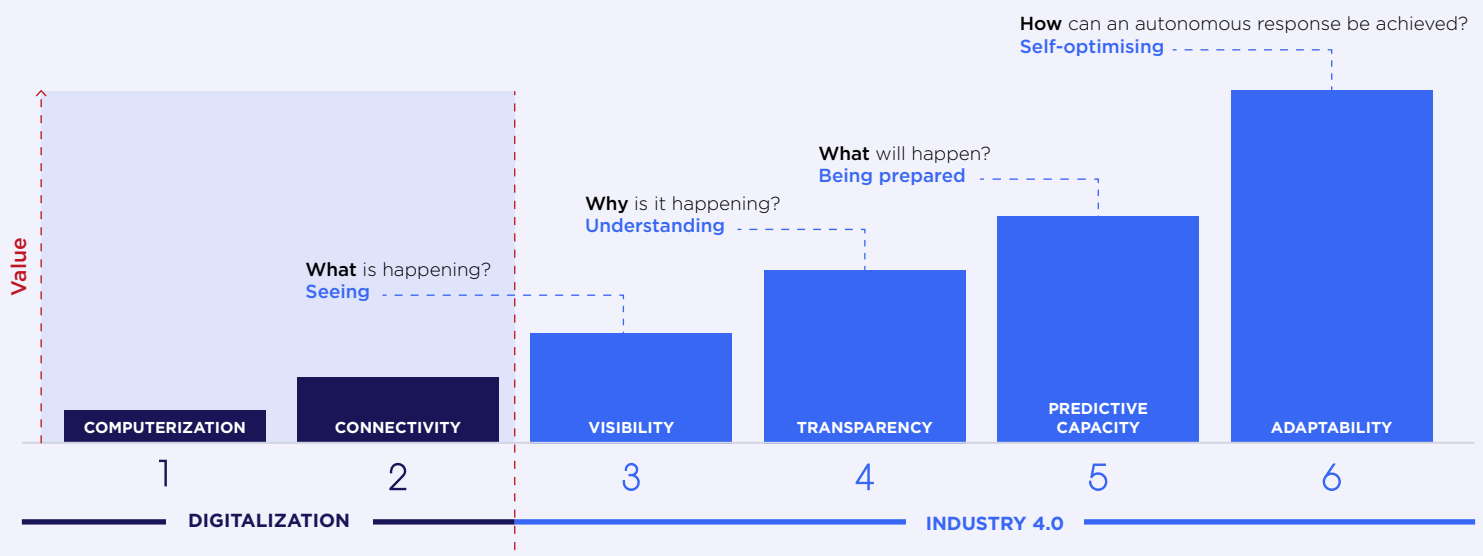


LECTRA 4.0 STRATEGY

Six key steps to exploit the full potential of the Industry 4.0

The Industry 4.0 concept, introduced in the early 2010s, aims to integrate physical and digital systems into a single production value chain. Whether we are talking about smart manufacturing or the industry of the future, the digitization of industry has the same goal: optimizing manufacturing processes to produce better, faster, and at lower cost, while respecting the environment. This transformation takes time! Six phases have been identified to qualify the journey towards achieving the full potential of Industry 4.0.

Discover them below. ↓



1&2

Computerization and connectivity are the preliminary steps required to lead to Industry 4.0.

3

In this stage, companies use sensors for real-time recording of conditions and processes leading to the production of digital twins to show what happens at any given time.

4

This stage is reached when companies effectively use the digital twin to understand interactions. The recorded data is then interpreted in the relevant contexts.

5

In this phase, the digital twin is projected into the future to simulate scenarios and evaluate them in terms of their likelihood and consequences. As a result, companies can anticipate future developments and make necessary decisions.

6

This is the highest stage of maturity in which the IT systems make decisions independently.

