

IOT AND ARTIFICIAL INTELLIGENCE BRING DATA-DRIVEN INNOVATION WITHIN THE MANUFACTURING INDUSTRY. THE ITEMPCO CONDITION MONITORING PLATFORM EMPLOYS IOT AND CLOUD TO MAXIMIZE EFFICIENCY IN THERMAL ENERGY MANAGEMENT APPLICATIONS.

\$286,9 Bil

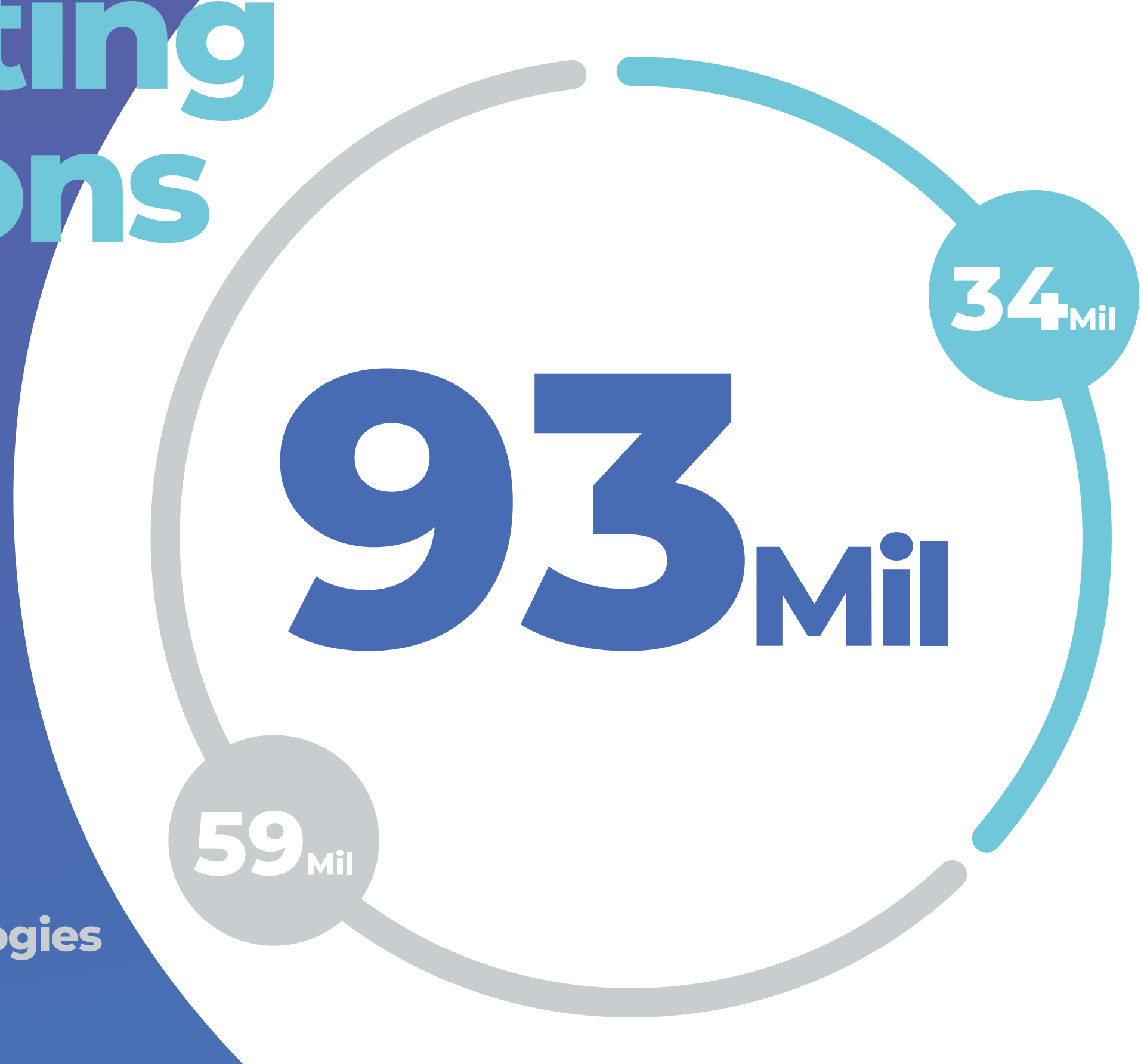
Global value market forecast 2021
(Increase by 17,4% compared to 2020)
Growth forecast to 2025

+28%

IoT operating connections in Italy

93 millions divided by:
Cellular connectivity (+10%)
and others technologies (+15%),
among which LPWA networks
are emerging, reaching **1 million**
of connections (+100%)

Cellulars **Other technologies**



Industrial IoT segment

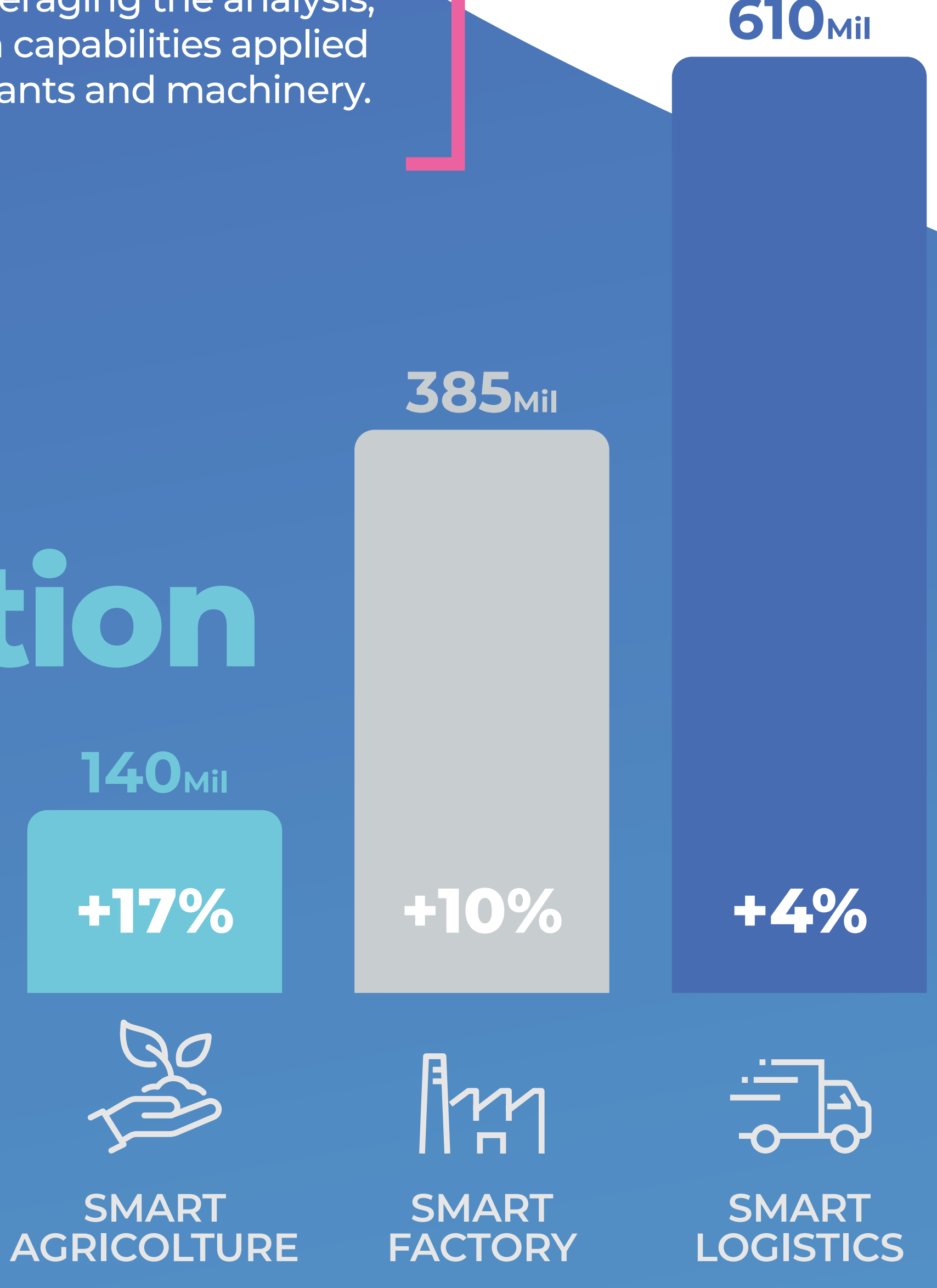
Three companies out of four launched IoT projects that include additional services, leveraging the analysis, management and value extraction capabilities applied to data coming from connected plants and machinery.

Industrial Sectors of application

IoT

with greater growth

Year 2021.
Variations compared to 2020.
Values in millions of euro.



Kind of Industrial IoT services within enterprises

(Year 2021)

84%

INFORMATIVE

45%

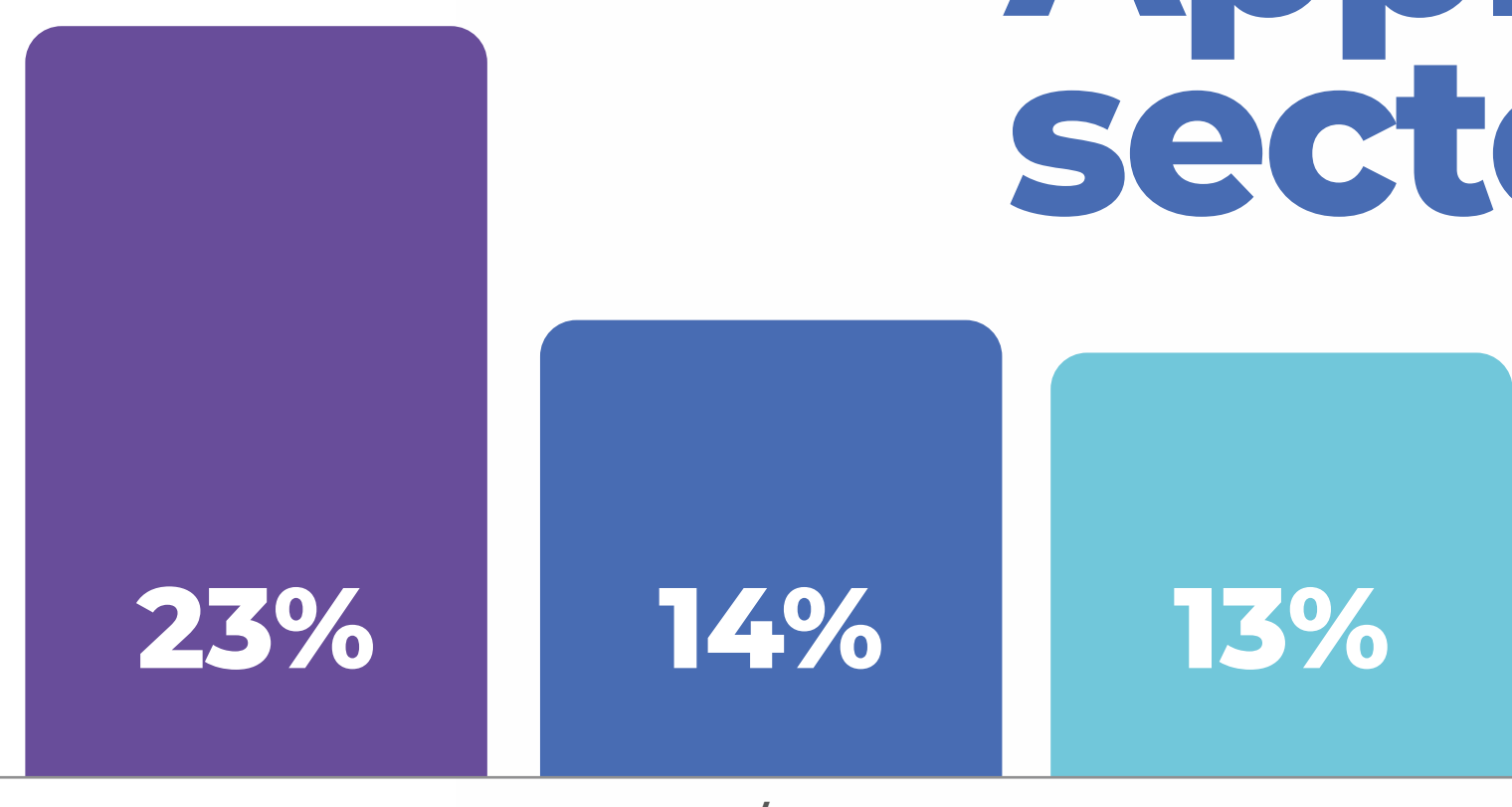
RELATED TO ENERGY MANAGEMENT

Ai market value in Italy, 2020

\$3000 Mil

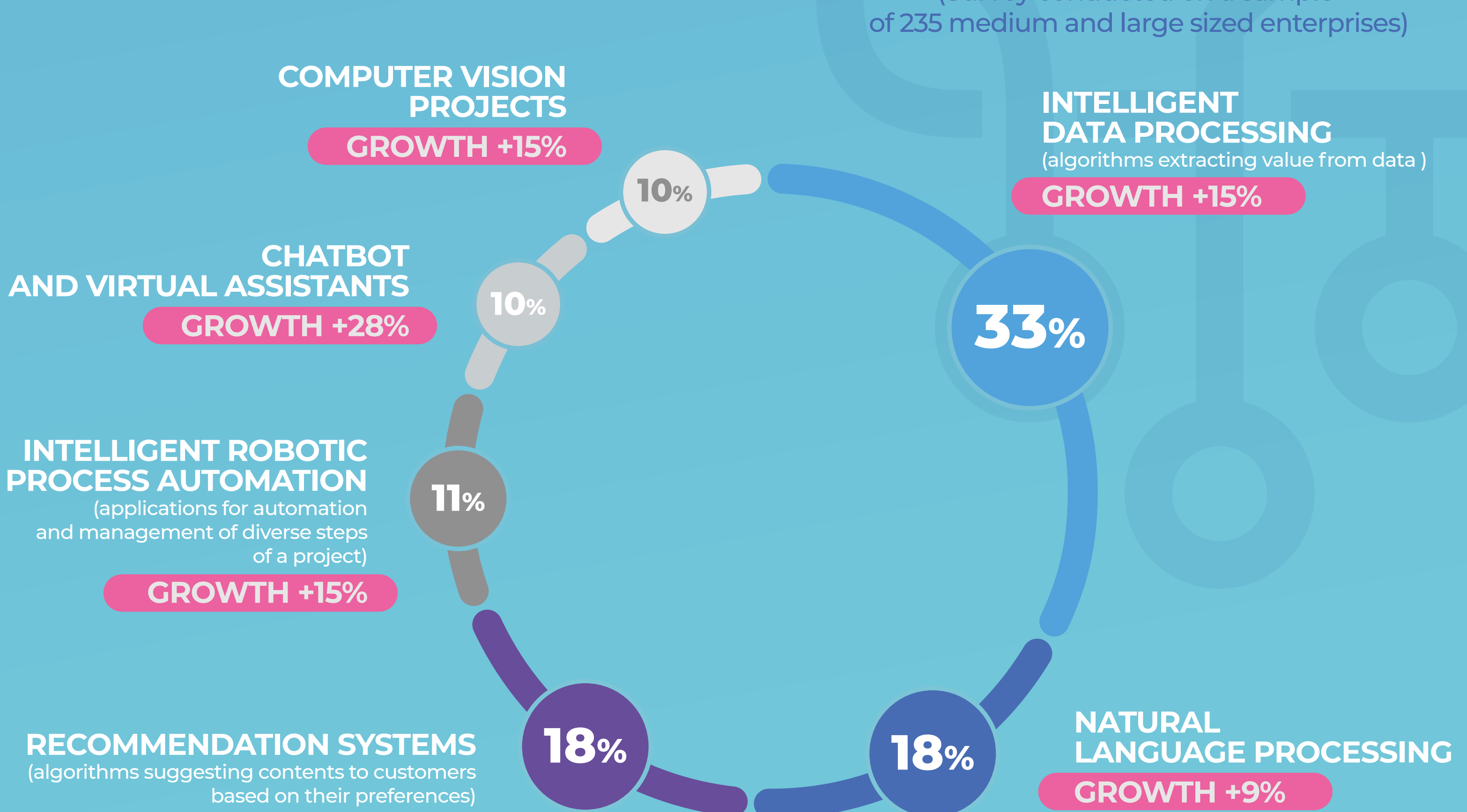
The market of Ai in Italy is driven by software (**62%** of the overall market) and services (**38%**, for example system integration and consulting). Hardware still plays a marginal part.

Application sectors



Kind of Ai projects

(Survey conducted on a sample of 235 medium and large sized enterprises)



• Figures on global IoT market: **The Business Research Company**, January 2021: <https://www.thebusinessresearchcompany.com/report/internet-of-things-iot-market-global-report-2020-covid-19-growth-and-change>
 • Figures on Italian IoT market: **Osservatori digital innovation della School of Management del Politecnico di Milano**, April 2021: <https://www.osservatori.net/it/ricerche/osservatori-attivi/internet-of-things>
 • Figures on global AI market: **IDC**, February 2021: <https://www.idc.com/getdoc.jsp?containerId=prUS47482321> - <https://blogs.idc.com/2021/02/08/the-internet-of-things-market-at-a-glance>
 • Figures on Italian AI market: **Osservatori digital innovation della School of Management del Politecnico di Milano**, February 2021: <https://www.osservatori.net/it/ricerca-per/artificial-intelligence>