



INNO PROOVEMENT

Interreg Europe



European Union
European Regional
Development Fund

Definition of an Industry 4.0. maturity evaluation matrix for projects

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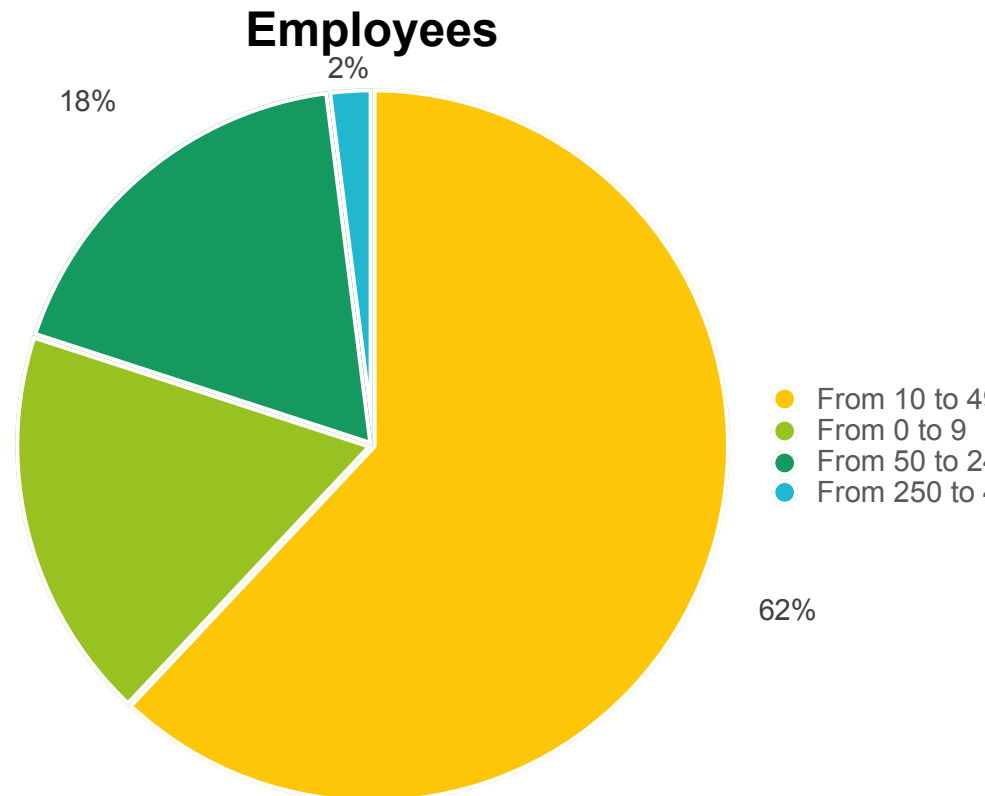
Łódź, 10-11 March 2020

SELF ASSESSMENT INDUSTRY 4.0

Type of Initiatives and target

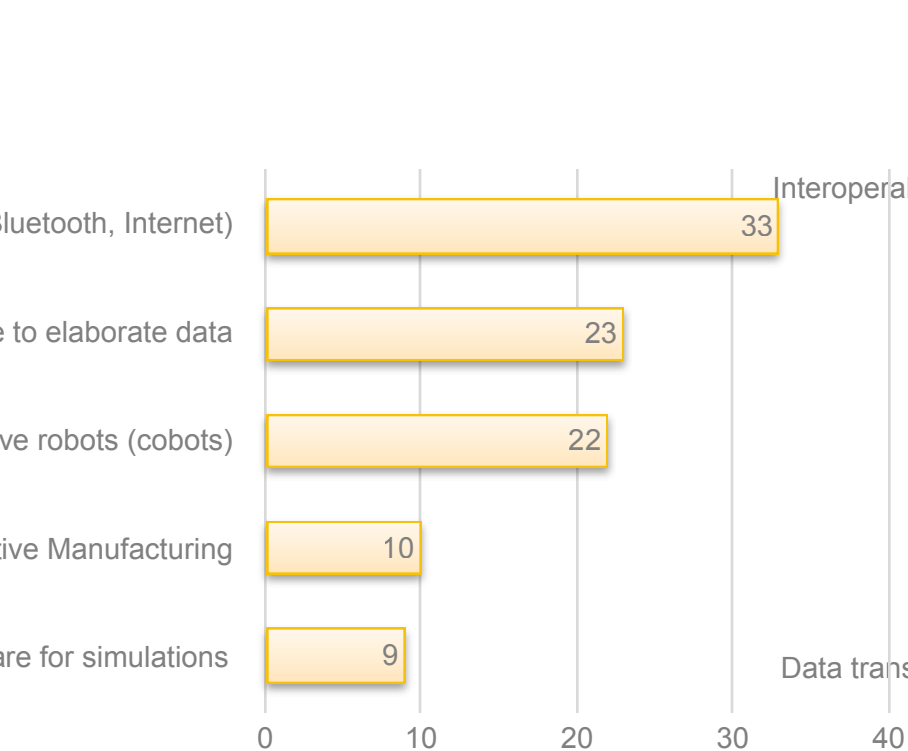
- Public initiatives promoted by Marche Region through the support of Fondazione Brodolini
- Monitoring tool to evaluate the maturity level of companies in terms of I4.0
- The assessment is based on a survey of 50 companies located in Marche Region

18%

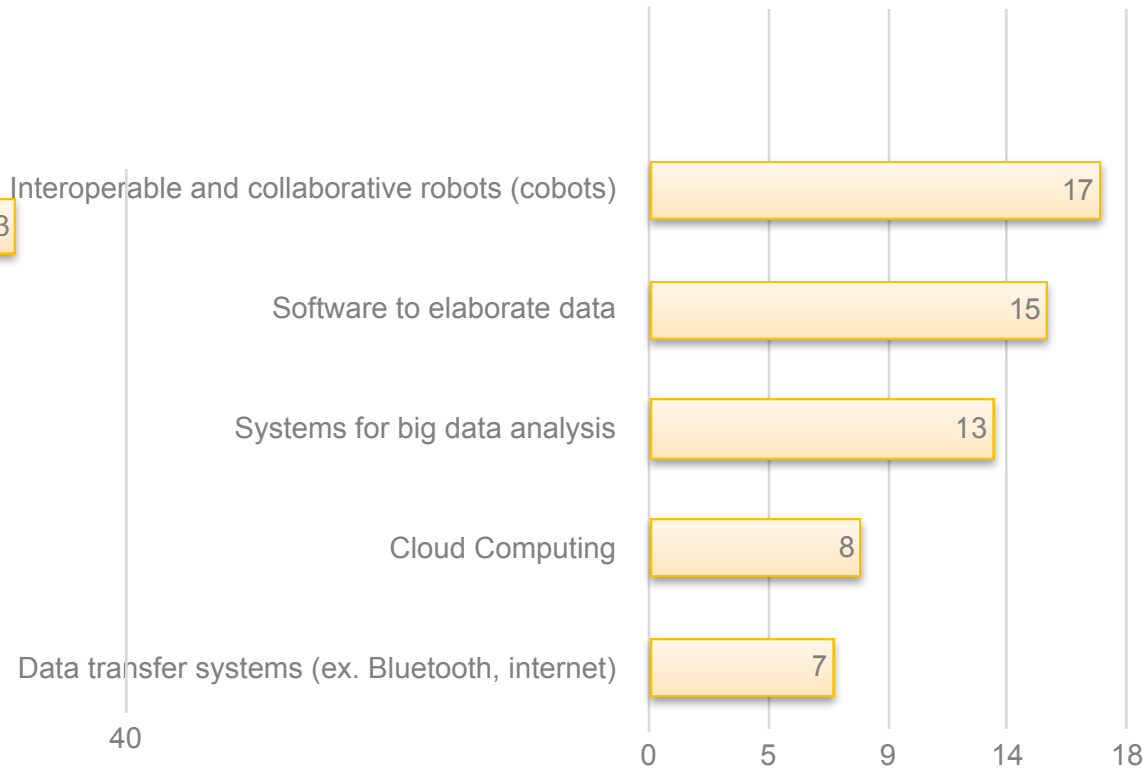


SELF ASSESSMENT INDUSTRY 4.0

Technologies 4.0 already adopted by companies

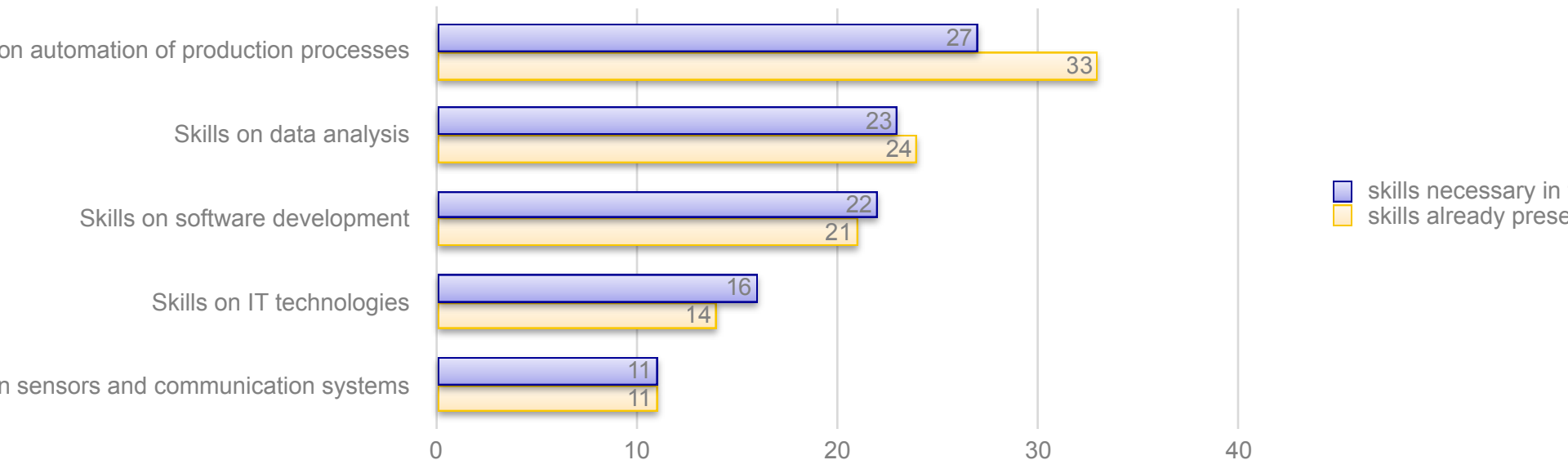


Technologies 4.0 to be adopted in the future



SELF ASSESSMENT INDUSTRY 4.0

Comparison between skills already available inside the company and skills required in the future



Strengths emerging from the results of the survey

- ❑ Among all the corporate functions, the IT and Purchasing functions have the highest average digital maturity value;
- ❑ High presence of data transmission systems (Bluetooth, internet etc ..) within Marche Regione companies;
- ❑ High presence of skills on the automation of production processes;
- ❑ Good presence of skills on data analysis;
- ❑ The presence of some digital excellences among Marche Region businesses.

Weaknesses emerging from the results of the survey

- ❑ **Presence of some companies with very low digital maturity values;**
- ❑ **Low presence of big data management systems;**
- ❑ **Low presence of skills on sensors, data communication systems and IT;**
- ❑ **Among all the corporate functions, the After Sales function has the lowest digital maturity level.**

Opportunities emerging from the results of the survey

- ❑ Large margins for growth in 4.0 technologies through appropriate investments
- ❑ In depth analysis on the knowledge of the themes of Industry 4.0;
- ❑ To increase the number of companies that are aware of the importance of the Industry 4.0 paradigm.

Threats emerging from the results of the survey

- ❑ To acquire 4.0 Enabling Technologies without understanding the real potential and its correct use;
- ❑ Not knowing which digital technology could be useful in the future;
- ❑ The fact that companies have indicated the same current technological skills for the future suggests a lack of awareness on the part of companies of the technological skills to be equipped with or in any case a poor understanding of the various technological skills currently on the market and those that will be necessary in the future



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Thank you!

Questions welcome