DRIVES

Development and Research on Innovative
Vocational Education Skills

Automotive Skills Demand Survey Results

Factsheet #7

INSIGHTS OF THE AUTOMOTIVE SECTOR

NORMALISATION OF SKILLS

Self-Driving
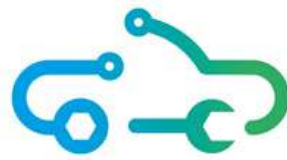
DRIVERS OF CHANGE

THINGS TO KNOW

- The sector's perception of skills equals with a group of jobs, or complex activities. The transversal 'Soft' skills types are the simpler, opposing to technical features related to 'Hard' skills.

- Aligned with the ESCO approach, experts' normalisation divided skillsets by clusters, clearly 'Technical' or 'Soft'. Different combinations of skills convey to the most important future Occupations/Job Roles identified for the sector.

- Future skills are Clustered by 5 categories: four 'Technical' (Technical knowledge profiles, Vehicle systems, Life cycle / product - process chain and Digitalisation) and one 'Soft'.
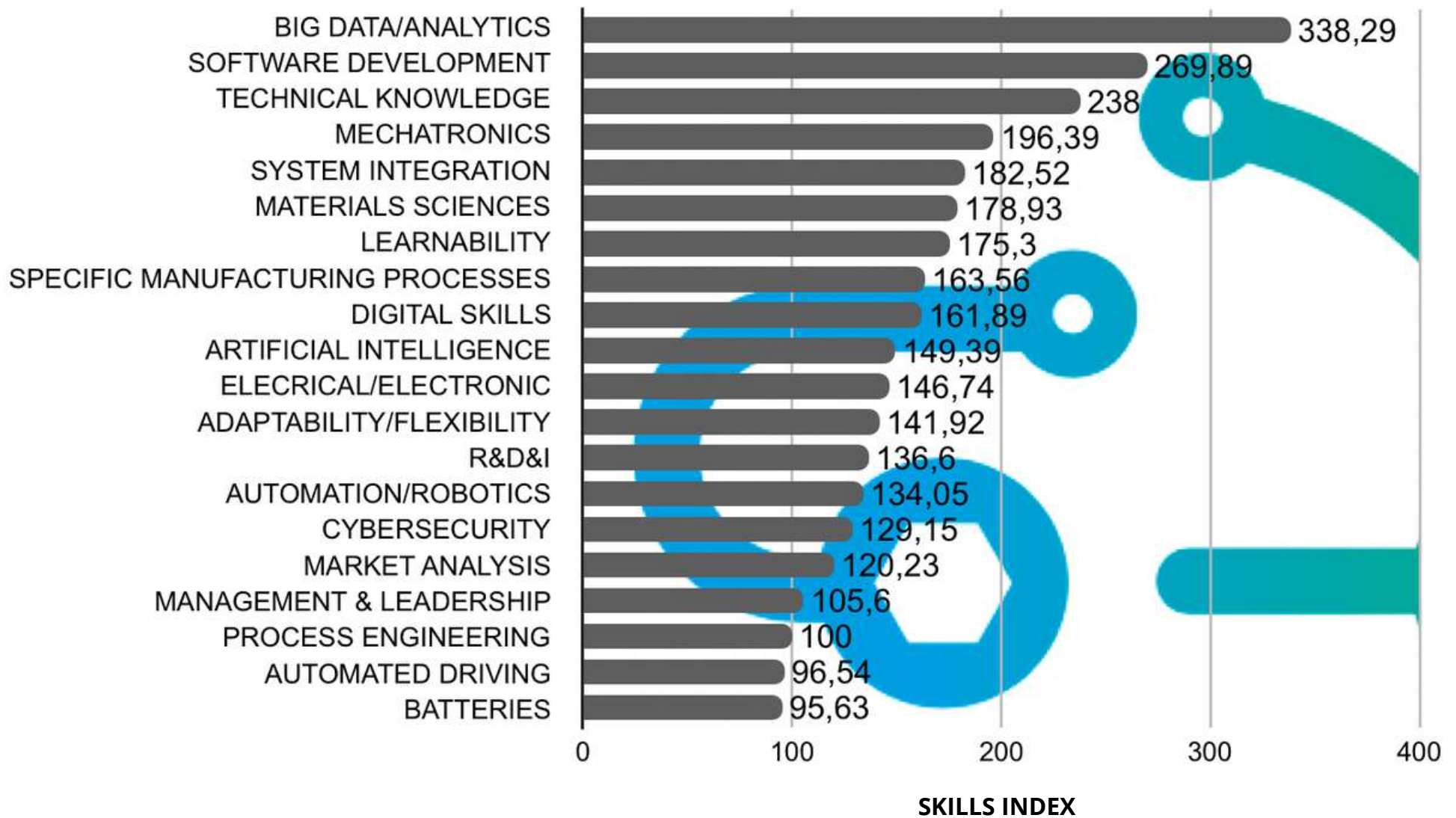
HIGHLIGHTS

- Large enterprises value 'Big Data Analytics', 'Software Development' and 'System Integration', while the concern for SMEs is 'Technical Knowledge', 'Specific Manufacturing' and 'R&D&I'.

- Sectoral Associations put 'Technical knowledge', 'Electrification' and 'Digitalisation' on the top ranking, lowering need of 'Soft skills'.

Icon by Nikita Golubev from www.flaticom.com

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Drivers of Change
SKILLS INDEX
Overall sample

Skill	Skills Index
BIG DATA/ANALYTICS	338,29
SOFTWARE DEVELOPMENT	269,89
TECHNICAL KNOWLEDGE	238
MECHATRONICS	196,39
SYSTEM INTEGRATION	182,52
MATERIALS SCIENCES	178,93
LEARNABILITY	175,3
SPECIFIC MANUFACTURING PROCESSES	163,56
DIGITAL SKILLS	161,89
ARTIFICIAL INTELLIGENCE	149,39
ELECRICAL/ELECTRONIC	146,74
ADAPTABILITY/FLEXIBILITY	141,92
R&D&I	136,6
AUTOMATION/ROBOTICS	134,05
CYBERSECURITY	129,15
MARKET ANALYSIS	120,23
MANAGEMENT & LEADERSHIP	105,6
PROCESS ENGINEERING	100
AUTOMATED DRIVING	96,54
BATTERIES	95,63

SKILLS INDEX

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