Industry 4.0 Partnership

Central European Cooperation

for Industry 4.0 Workshop

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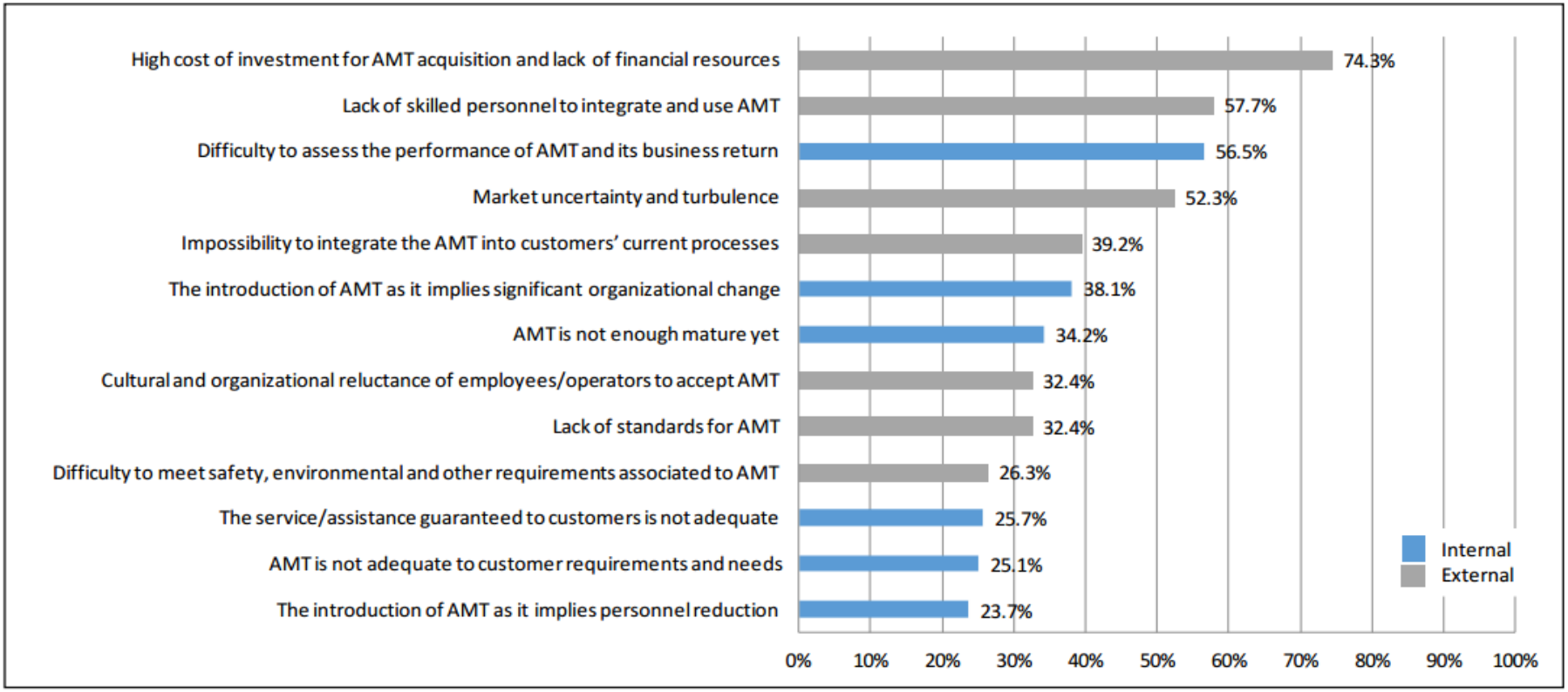
Figure 11: Barriers to the adoption of AMT (user perspective) (n=213-219)



Note: Scale 0 (no objective) – 1 (objective)
Source: Own analysis

SCOPE

1. Partnership's Mission Statement

"Increasing Industrial Competitiveness in EU regions by raising awareness of Companies (SMEs) for -and demonstrating them the benefits of- Industry 4.0 solutions / technologies"

2. Rationale

- Address Key Obstacles to Industry 4.0 Deployment
- Need for cross-regional collaboration

3. Partnership's Key Modus of Public Intervention

"Combining complementary capabilities & competences from different regions to demonstrate and validate Industry 4.0 solutions in relevant industrial environments (via cross-regional projects)"

Leading Regions: Catalonia (ES), Castilla y León (ES), Valencia (ES) and Tuscany (IT); Mazovia (PL) and Slovenia (SI).

Regions already involved: Bielsko-Biala (HU), Emilia-Romagna (IT), Flanders (BE), Marche (IT), Hungary (HU) and Navarra (ES).

Other regions interested in this partnership but not yet involved (z): PACA (FR), Puglia (IT), Slovakia (SK), Wallonia (BE), Gavleborg (SE), South-Holland (NL), East-Netherlands (NL), Lapland (FI), Helgeland (NO), North-East Romania (RO), Aragon (ES), Estonia (EE), Sachsen-Anhalt (DE).

PROCESS

Thematic Area	'Industry 4.0 and High Performance Manufacturing'
Scoping note	**Developed cases:** 1. Predictive modeling and maintenance 2. Production Performance Monitoring Systems **Cases under development:** 3. Virtual Reality and Simulation 4. Smart Logistics and Network Management 5. Cyber-Security for Industry 6. Facilitated access to digital solutions, technical equipment and infrastructure (cloud/testing)
Mapping of competences & matching of business opportunities	Operational Capacity Mapping (current/missing assets, testing, etc.)
Industry cooperation & design of projects	NDA, (Specific) Project Design
Business Plan & Funding Mix	Business Plan, RoI/financials, etc. Funding Mix: • Public (EU H2020, Struct.Funds, EIB, ERA-NET, EUREKA, Nat./Reg., etc.) • Private (VC, BA, (Alt)Fin., corp. co-investment, etc.) • Intermediary (cluster/intermediary support)
Investment Projects ▸ Demonstrators, pilot lines ▸ Bundled small projects or funds ▸ Single large cross-regional project ▸ Large individual projects	

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