Transforming traditional innovation eco-systems into SMART innovation eco-systems

*Presentation at INSME 12th Annual Conference, Doha/Qatar*
In traditional innovation eco-systems the actors have very different agendas to collaborate

Focus of traditional innovation eco-systems

Source: IMP³rove – European Innovation Management Academy 2016
www.improve-innovation.eu; IMP³rove is a registered trademark
In SMART innovation eco-system the players contribute to the over-riding objective: providing SMART solutions

Innovation eco-system for SMART solutions

- **Consultants**: Focus on problem definition, analytics, solution development and application.
- **Intermediaries**: Customized services for SMART support.
- **Financial actors**: Access to promising SMART investment targets.
- **Policy maker**: Focus policies on key drivers for SMART (city) development and leading solution providers.
- **Academia/research institutions**: Interoperability.
- **Enterprises**: Capacity to absorb information and turn it into value.

Source: IMP³rove – European Innovation Management Academy 2016
www.improve-innovation.eu; IMP³rove is a registered trademark
But how capable are SMEs to manage innovation?

Example: Percentage of innovation budget set aside for long-term innovation projects by industry sectors

Enterprises investing in long-term innovation projects (N = 3,410 out of total: 4,660)

<table>
<thead>
<tr>
<th>Industry Sector</th>
<th>Percentage of Innovation Budget Set Aside for Long-Term Innovation Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Average</td>
<td>30.95%</td>
</tr>
<tr>
<td>Biotech/Chem/Pharma</td>
<td>34.30%</td>
</tr>
<tr>
<td>Food</td>
<td>29.22%</td>
</tr>
<tr>
<td>ICT/Optic/Electrical</td>
<td>31.33%</td>
</tr>
<tr>
<td>KIS</td>
<td>31.89%</td>
</tr>
<tr>
<td>Machinery/Equipment/Plant construction</td>
<td>30.41%</td>
</tr>
<tr>
<td>Space</td>
<td>25.94%</td>
</tr>
<tr>
<td>Textile</td>
<td>26.78%</td>
</tr>
</tbody>
</table>

N = 3,410

Source: IMProve – European Innovation Management Academy; Figures as of April, 2015
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This requires finding SMEs that can respond to the digital challenge for mutual benefit of SMEs and SMART cities.

Digital Score to identify leading providers of SMART solutions

1. Definition of digitization for the purpose of the assessment = Transformation of traditional business models and processes by the implementation of digital technologies as means to achieve long-term business objectives and sustain competitive advantage.

Source: IMP³rove – European Innovation Management Academy 2016

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- Providing innovative solutions for SMART development
- Deploying SMART services as customers and key stakeholders in SMART Cities

- Providing SMART solutions for SMEs
- Drive SMART solutions in SMEs
More questions? Please contact us!

About the IMP³rove – European Innovation Management Academy

The IMP³rove - European Innovation Management Academy EWIV offers innovation management support services to enterprises, consultants and intermediaries.

It also provides financial actors, policy makers and academia with consulting support and technical assistance related to innovation and innovation management. With its global network, the IMP³rove Academy has set the European standard for innovation management assessment. The IMP³rove Academy emerged from the European Commission's flagship program "IMP³rove".

It was supported by the European Commission's Competitiveness and Innovation Framework Program and receives continued support by Horizon2020.

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