



Catalysing European Innovation

The first two years of implementation of the SME Instrument



SME SUPPORT

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European Agency for Small and
Medium-sized Enterprises (EASME)

Different forms of H2020 SME support

**20 %
Budget to
SMEs in
LEITs &
Societal
Challenges**

Cooperative Projects
13%

SME Instrument
7% = 2.6 Mrd €

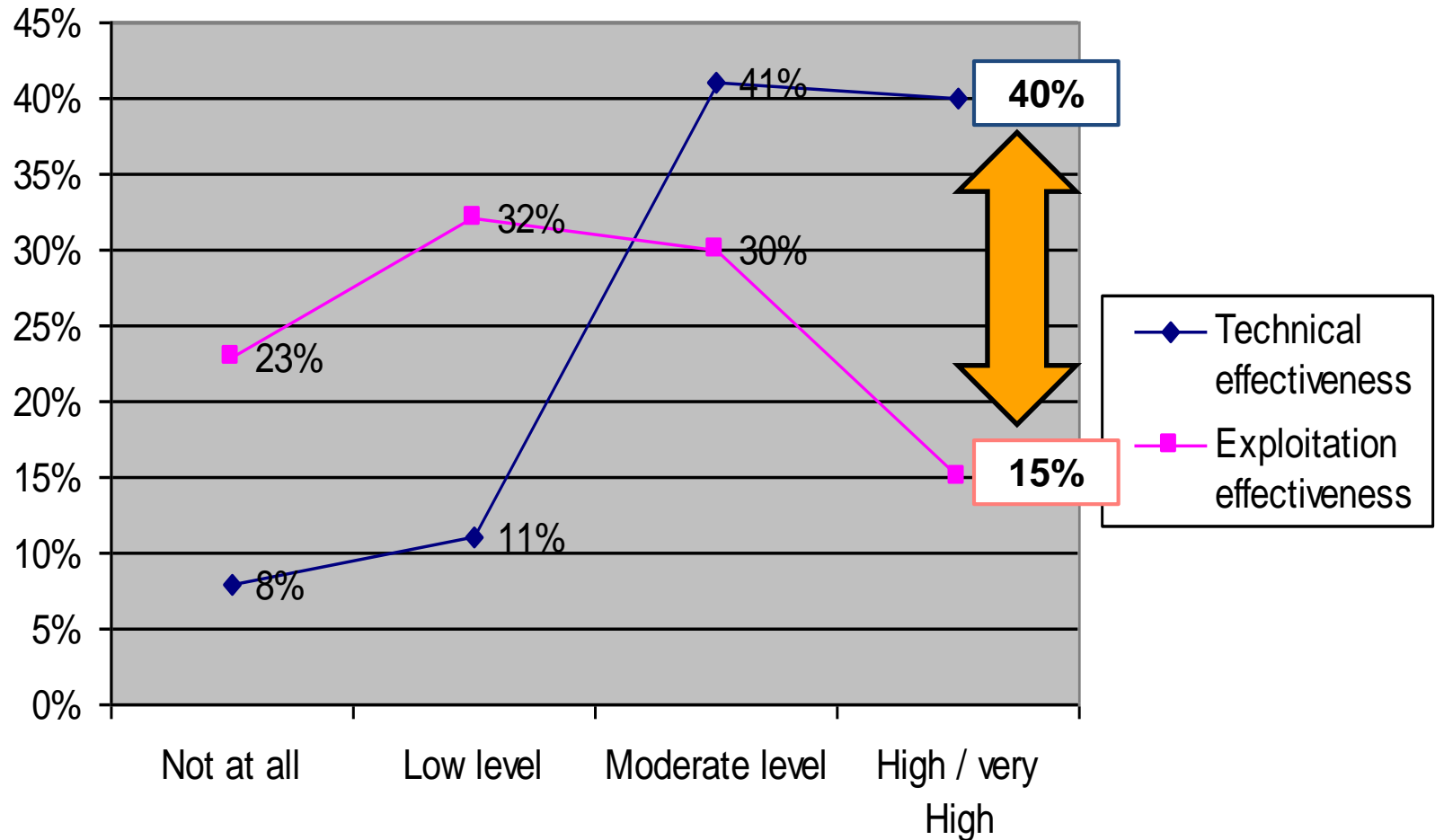
Eurostars II

Fast Track to Innovation

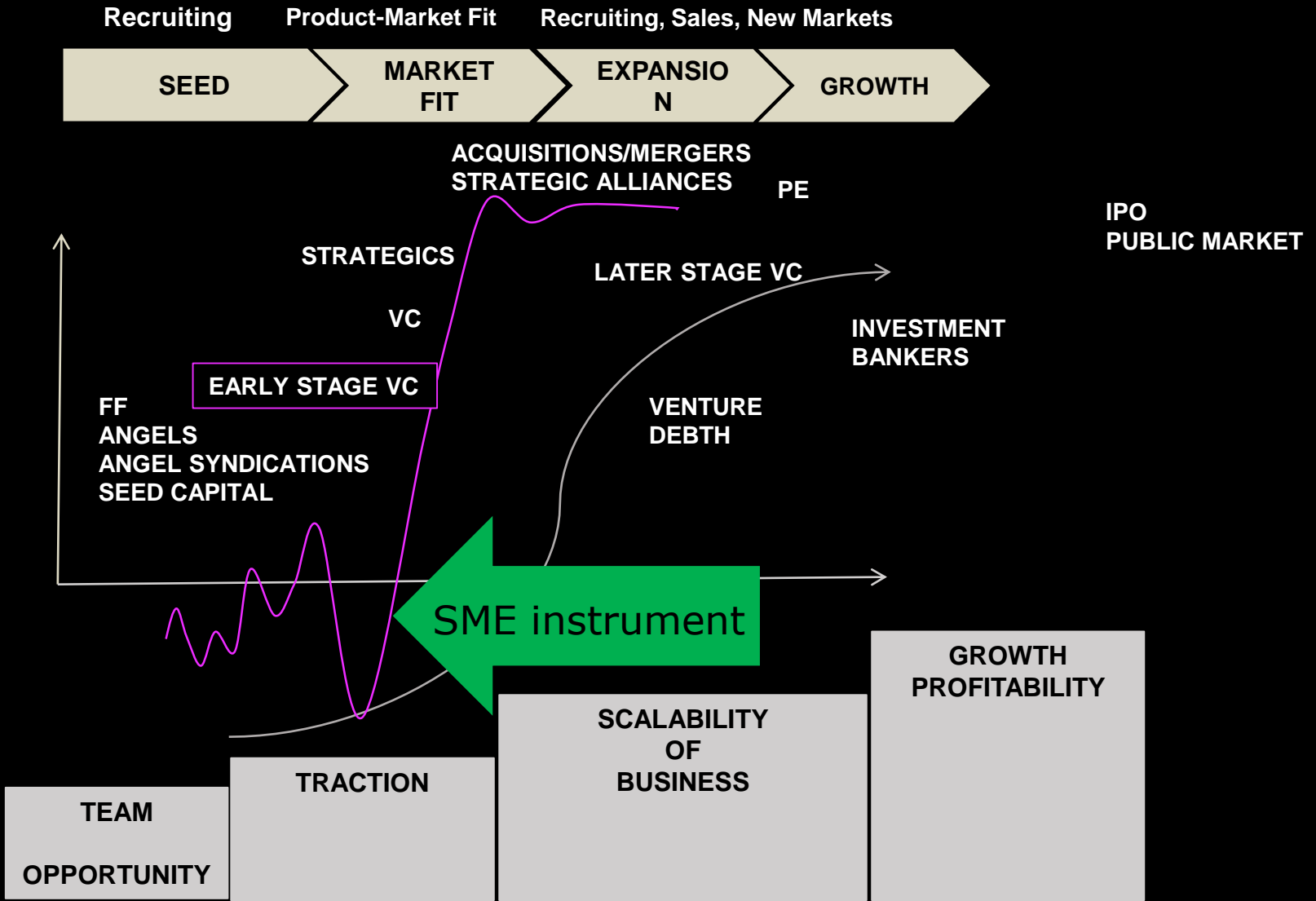
Fellowships

Risk Capital Support

Effectiveness of European innovation projects perceived by participating SMEs:



Source: SMEpact 2010, 77f.



The SME Instrument is a seed accelerator programme at European level

So far: 2479 small companies, 979 M€ funding to scale-up and grow their business

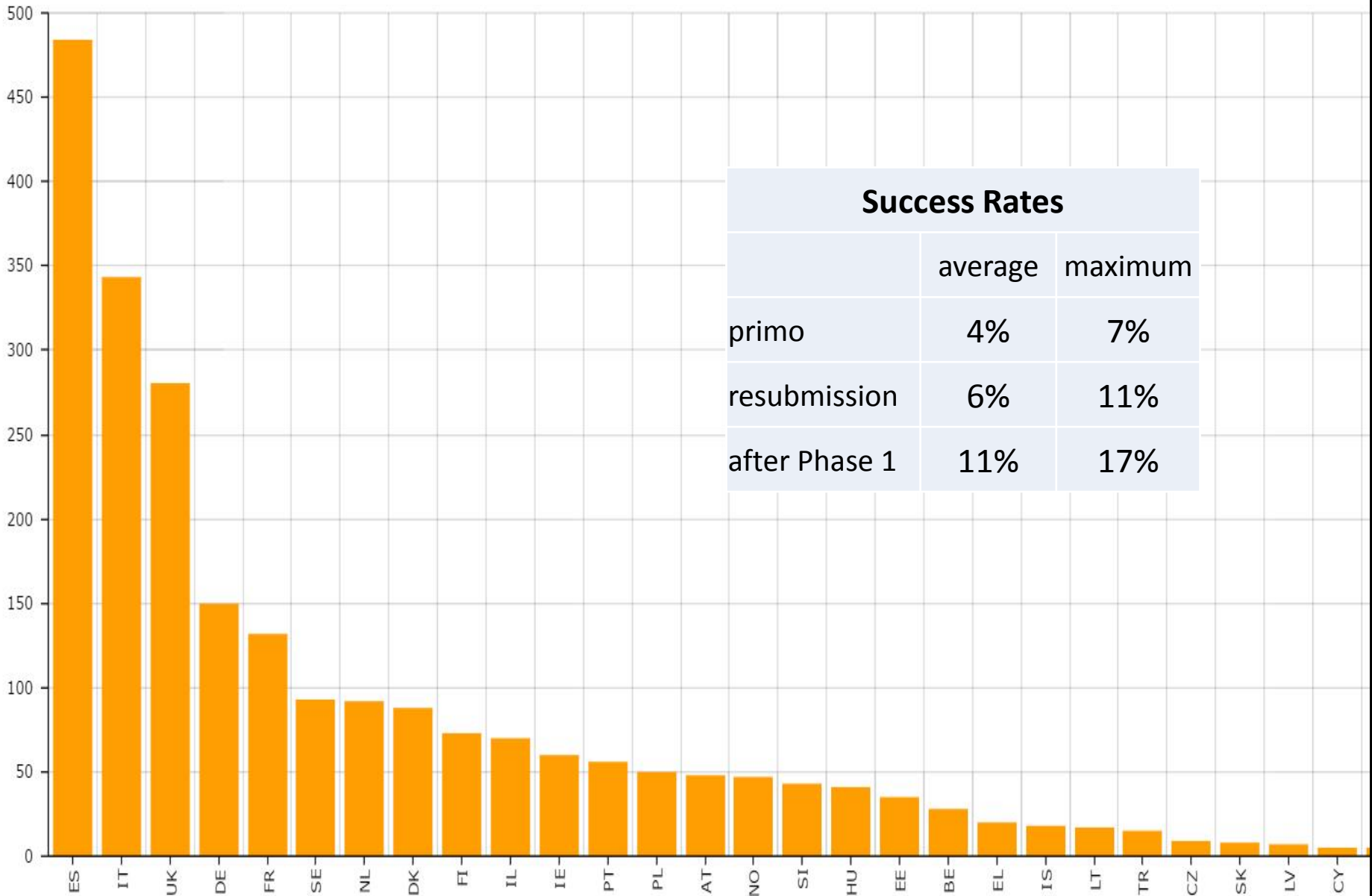
Application process: open to anyone, but highly competitive.
Y Combinator, TechStars: application acceptance rates 1-3%.
SMEI 6%.
Focus: small teams/companies, not on individual founders.
Start-ups/companies shall « graduate » at deadline (SMEI: ~2 years).
During this time, they receive intensive mentoring and training, and they are expected to iterate rapidly.
Primary value to the entrepreneur: derived from mentoring, connections, recognition of being chosen to be a part of the accelerator.

The SME Instrument

SEAMLESS BUSINESS INNOVATION SUPPORT FROM IDEA TO MARKET...



Number of projects per country



Success Rates

	average	maximum
primo	4%	7%
resubmission	6%	11%
after Phase 1	11%	17%

Business Community Phase 3



- **Partnership building:**
 - SMEI Community
 - Friends of the "SME Instrument"
 - Access to finance
- **Networking opportunities**
- **Visibility**
- **Links to other finance opportunities**





Urban

clear all

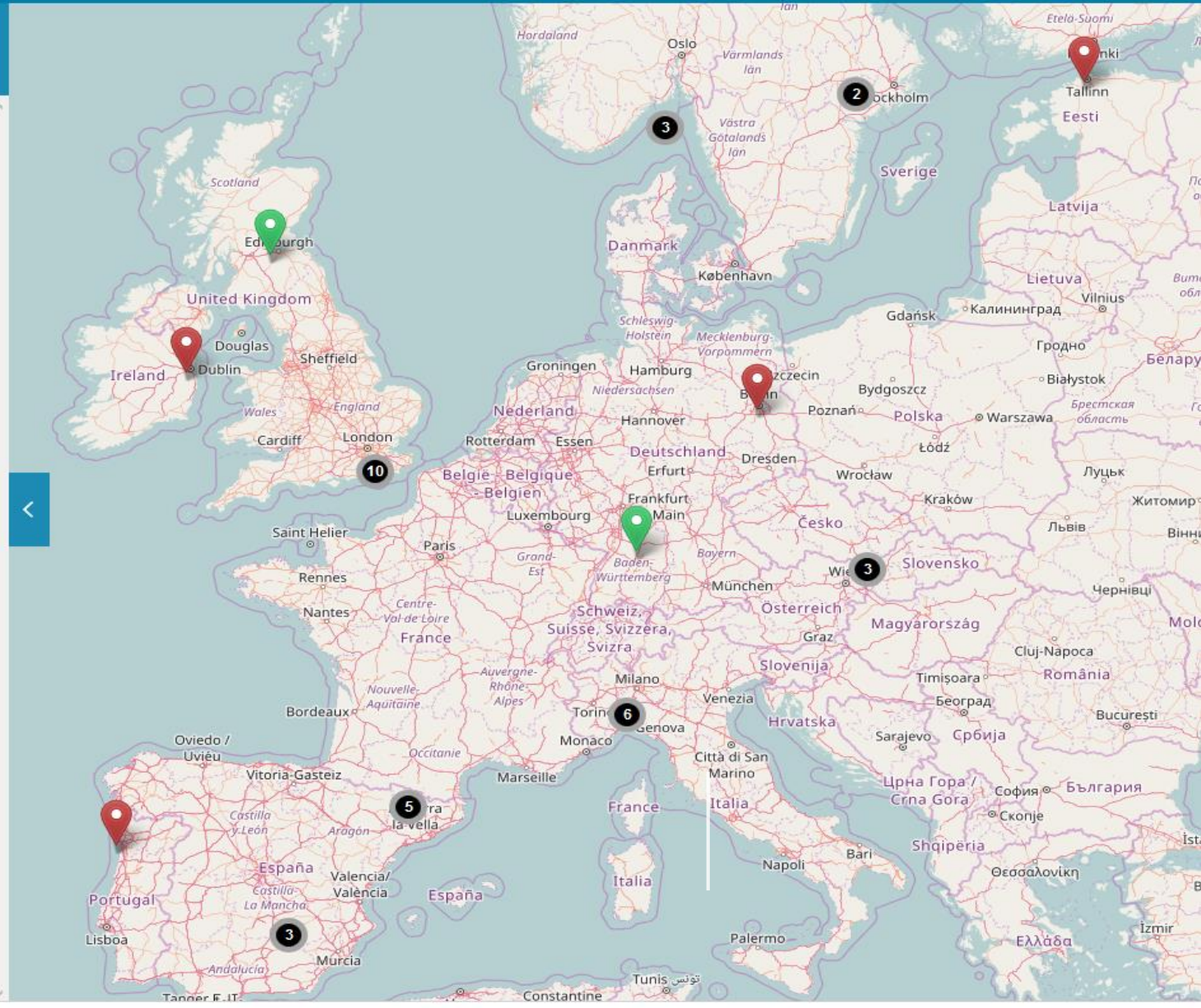
Project type (0)

Countries (0)

Topics (0)

Budget

Date



Last update:
21/03/2017

Embed this app in your website - Disclaimer

interactive map on <https://sme.easme-web.eu>

Urban

clear all

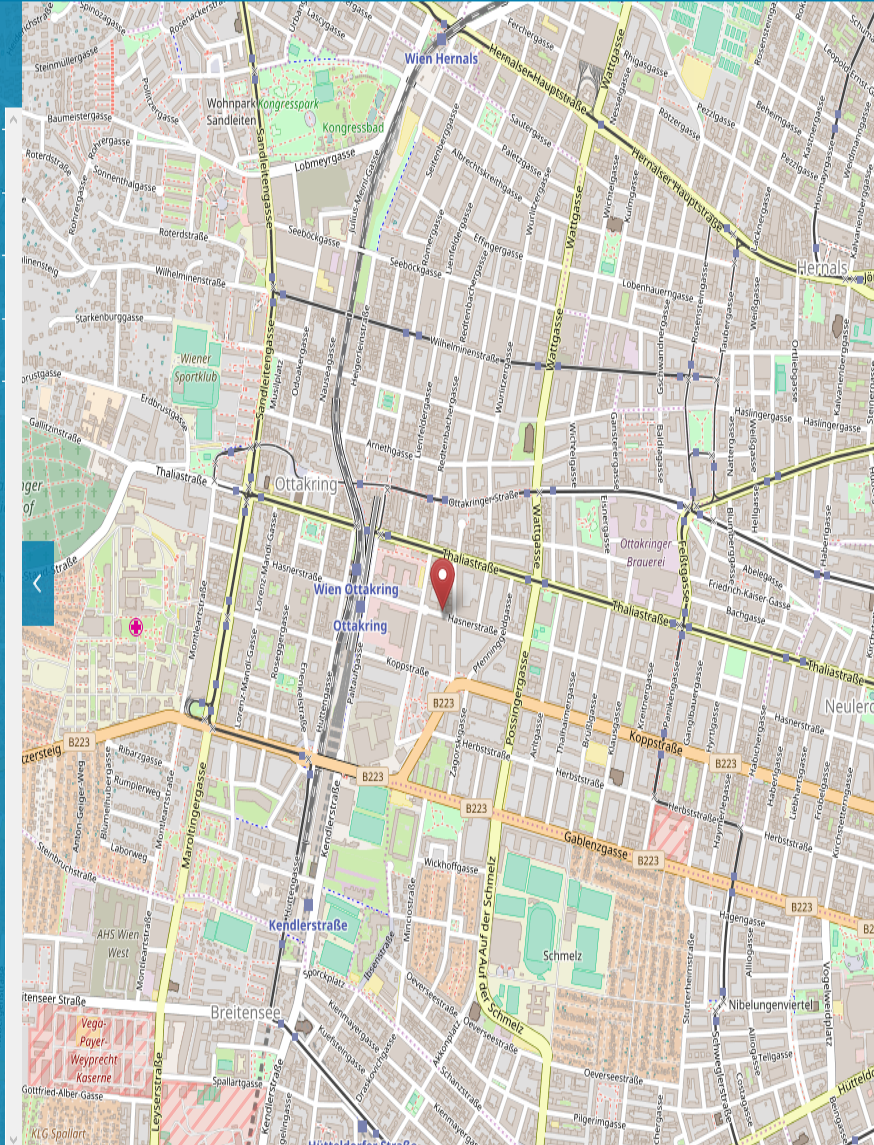
Project type (0)

Countries (0)

Topics (0)

Budget

Date



SPIRIT DESIGN - INNOVATION AND BRAND GMBH

<http://www.spiritdesign.com>

Project: Carr-e: Lightweat and versatile electric vehicle applied to urban logistics

Project Acronym: Carr-e

Project type: Phase 1

Spirit Design has designed Carr.e, an innovative urban vehicle that exploit the technical components of e-bikes and applies them to a 4wheeler cargo so to exploit a 125,25M€ (by 2020) business opportunity. We are an internationally leading strategic design company born in 1993 in Vienna. European cities are expected to reach 75% of the total population by 2020, besides Urban Freight Transport (UFT) represents 8% to 15% of the total. Urgent is the need of countermeasures to avoid road congestions, lower environmental pollution, from greenhouse gases (25% due to transport) to noise. Besides, e-commerce heavily relies on UFT and B2C sales are growing at a rate of 14% per year, urban logistics need to find solutions that are cost-effective, productive, efficient and environmentally sustainable. Consequently, we propose Carr.e, which exploits electric power-assisted cycles features to create a 4-wheeler, innovative pedelec (pedal electric cycle) designed for UFT that needs no driving license and no homologation. Carr.e includes a modular architecture to provide flexible driver protection in a highly space-saving way. Carr.e is designed so that batteries can be easily changed and not recharged. Carr.e is supported by the interest of main UFT stakeholders: POST AG, ÖAMTC and REWE and will be manufactured by the KSR Group. Carr.e will accumulate by 2020 a turnover of 125,25M€ and 32 new employees, ROI of 4,71%. Carr.e contributes to the EC goal for UFT of "CO2-free city logistics in urban centres by 2030". Carr.e has been designed to address UFT issues: •Reduction of urban environmental pollution. •Increase of the cargo companies' delivery efficiency. •An extension of B2B market applications for public administrations, SME business and corporations, tourism agencies or large-sized recreational areas thanks to its modularity. •Energy efficient and low-cost solution for a wider range of cargo. •No need to spend time to recharge batteries.

Topic: Small business innovation research for Transport and Smart Cities Mobility

Total budget: 71.429 €

EU Contribution: 50.000 €

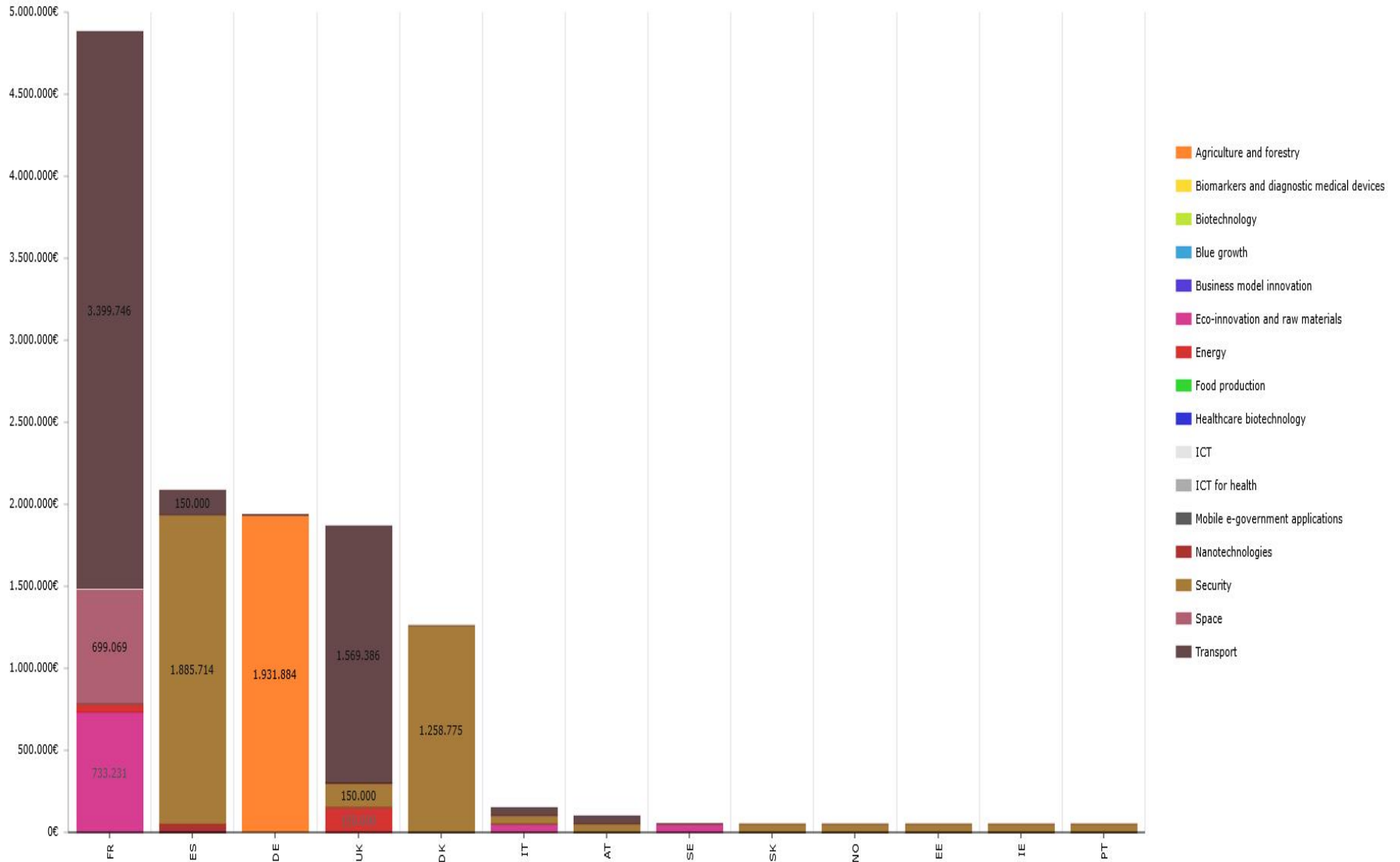
Call ID: H2020-SMEINST-1-2016-2017

Participants:

- SPIRIT DESIGN - INNOVATION AND BRAND GMBH (Coordinator) - Austria

Topics per country

Matching "Urban".



interactive map on <https://sme.easme-web.eu>

SME Instrument companies in urban context

Detection of explosives and harmful substances at urban soft targets - Smartphone-based navigation aid for cognitively- or visually-impaired persons - Protection of urban drinking water infrastructure against CBRN threats - Mobile ticketing system for urban transport - Lightweight electric vehicle - Public transportation management - Remove pharmaceutical pollutants from urban wastewater - Vertical wind turbine for urban environments - Unmanned aerial vehicle for vigilance, control and critical urban infrastructure protection - Vertical urban farming - Video analytics to analyse complex scenes - Drone alarm and protection system for urban contexts - Protection of urban soft targets and critical infrastructure against lightning strikes - Car Share and Urban Mobility Systems - Near Field Communication mobile devices - Unlocking urban barriers for disabled people - Modular Shelter Unit for Rapid Installation - Cyber attack protection - Monitoring for urban gas pipelines - Detection of errors in the structural design of critical urban infrastructure - Urban protection aviation copter - Energy generation system for urban distributed power

And if you fail.....

.....apply again! Results show that resubmissions have double chances to succeed!





**Thank you very much
for your attention**



@H2020SME

<http://ec.europa.eu/easme/sme>