

MUNI

Seal of Excellence as a tool to support the H2020 projects on national and regional level

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Masaryk University – basic data

- Second largest university in the Czech Republic
- Comprehensive university with 9 faculties
- 32,000 students



Masaryk University – research funding



- Biggest receipt of the research-related **EU Structural Funds** in the past programming period in the Czech Rep.
- Leading university in **Horizon 2020** spending in the Czech Rep. so far

#brnoregion R&D



ESIF / FP synergies – CEITEC example



- 200,000 mil. EUR initial funding from ESIF (2007 – 2013 period)
- Complemented by FP7 / Horizon 2020:
 - ERC and MSCA grants
 - Collaborative projects
 - Widening Participation (Twinning, ERA Chair, Teaming?) grants
- Continuing importance of national funding

ESIF / H2020 synergies – SoE – MSCA

EU

- **MSCA Individual Fellowships**
- 12,5% success rate in 2018 call

EU

- **MSCA Widening Fellowship (2018)**
- 5 mil. EUR available for Widening countries

CZ

- **ESIF support of MSCA projects in the Czech Rep.**
- Funding projects with a score above 70%

ESIF / H2020 synergies – SoE – MSCA - results

– Impact on Masaryk University:

- 18 MSCA fellowships worth **2 mil. EUR** already funded through ESIF
- 11 MSCA fellowships expected to be funded based on the MSCA 2018 call – additional **1,1 mil. EUR** from ESIF

– Great tool for recruitment of researchers:

- USA, Canada, UK, Germany, France, Austria, Sweden etc.

ESIF / H2020 synergies – SoE – SME Instrument

EU

- **SME Instrument run by the European Commission**
- Success rate: 8% (phase 1), 4,8% (phase 2)

CZ

- **SME Instrument run by the Technology Agency of the Czech Rep.**
- Phase 1 projects with SoE fully covered

Brno

- **SME Instrument Brno run by the South Moravian Innovation Centre (JIC)**
- Funding projects with a score of 12,00 – 12,99 points

ESIF / H2020 synergies – SoE – SME Instrument

– National level - conditions:

- The scope of the SME Instrument Phase 1 projects remains the same
- Max. 39,286 EUR (55% of total costs) granted to the beneficiary
- Formal application in CZ language + annexes from the European Commission provided
- Time to grant: 40 days

– Results:

- 4 calls - 9 projects funded
- Companies funded: Softech, Mindpax, Nafigate Corporation, Dekonta, Softech, Salmondo CZ, Levebee, World from Space, BD Sensors

ESIF / H2020 synergies – SoE – SME Instrument

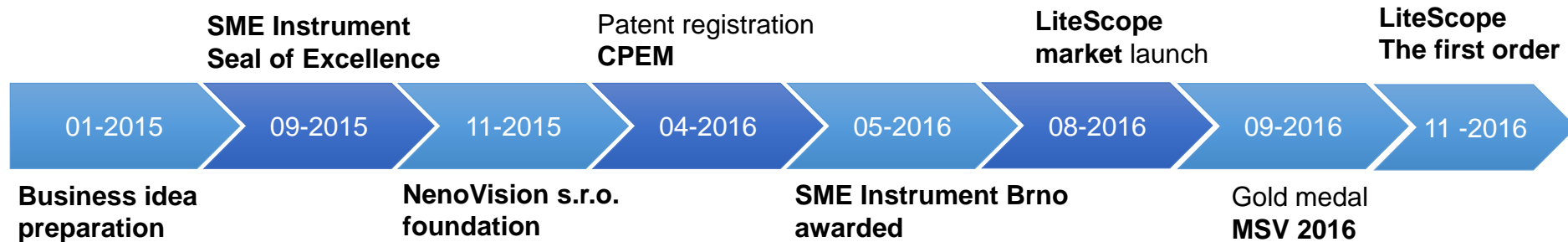
– Regional level – conditions:

- Only SMEs based in Brno region are eligible
- The scope of the SME Instrument Phase 1 project remains the same
- 57% of total costs granted to the beneficiary + professional coaching support available
- Short application + annexes from the European Commission provided
- Time to grant: flexible

– Results:

- 2 calls – 9 projects funded
- Companies funded: **NenoVision**, HEKIADEU, 4dot Mechatronic Systems, CF Plus Chemicals, Provisio, AtomTrace, Vivende, PrimeCell Advanced Therapy, Movinio

NenoVision - history of the technological start-up



The company is based on the knowledge transfer from Central European Institute of Technology / Brno University of Technology to the market, driven by users/customers needs.

Gains

- 39,000 EUR from SME Instrument Brno used for:
 - Feasibility study
 - Building the first prototype
 - Patent application
 - Time to prepare well for the entry to the market
- Services from South Moravian Innovation Center (JIC) provided:
 - High quality experienced and motivated mentor – 20-40 hours
 - Business plan
 - Time and help to clarify what we want and what is important/not important

Product developed

3D and Correlative Imaging of Nanostructures by Scanning Probe and Electron Microscopy (SPEM)



LiteScope™

Scanning Probe Microscope designed for easy integration into the Scanning Electron Microscopes.

Explore a brand new Correlative Probe and Electron Microscopy technique.

