



EUROPEAN UNION
European Regional Development Fund
Operational Programme Enterprise
and Innovations for Competitiveness



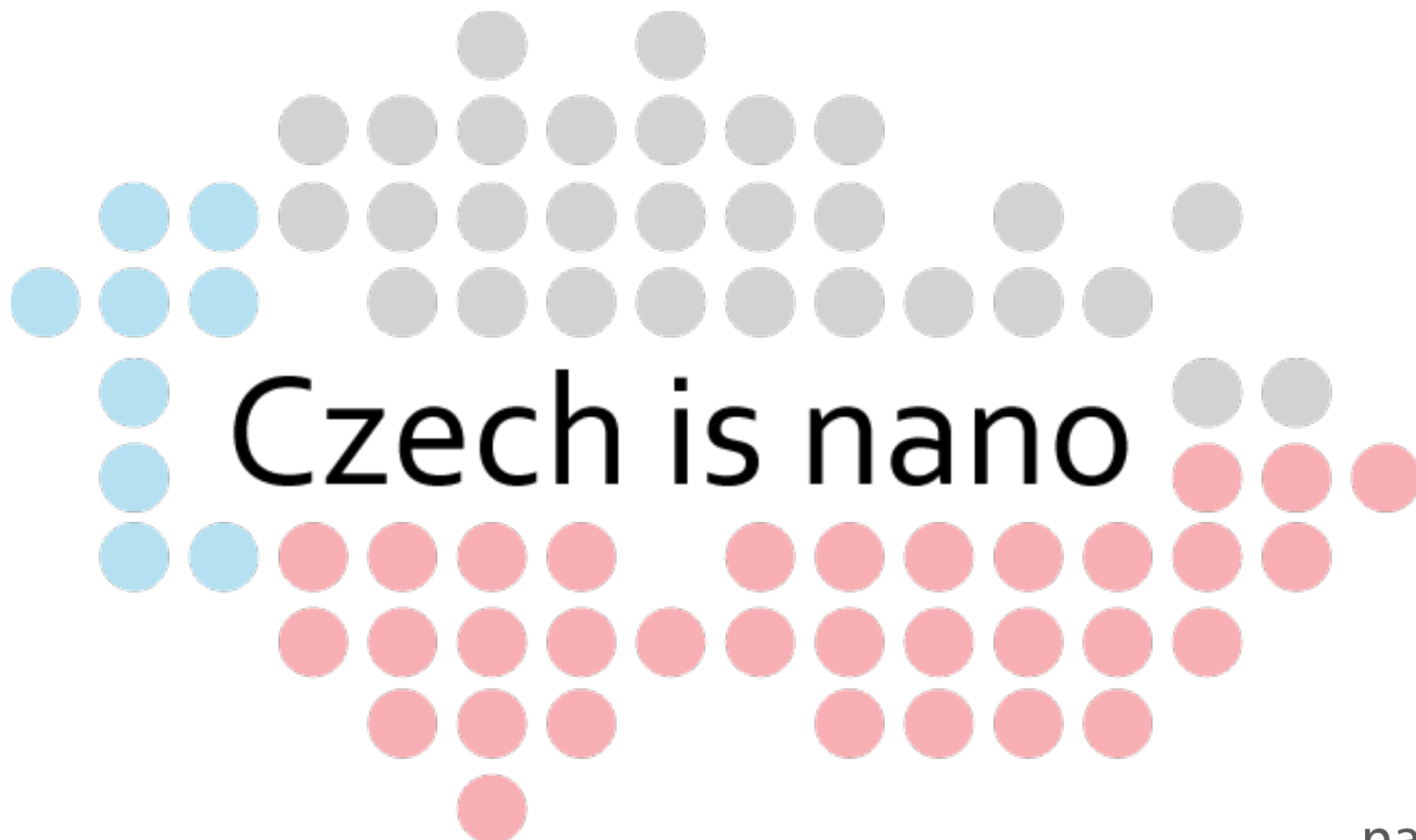
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by the COSME programme
of the European Union

nan□progress

THE NANOTECHNOLOGY CLUSTER

Luboš Komárek
Cluster Manager

WE ARE A MEMBER OF
CZECH NANOTECHNOLOGY INDUSTRIES ASSOCIATION



WE ARE A MEMBER OF
NATIONAL CLUSTER ASSOCIATION



NATIONAL CLUSTER ASSOCIATION

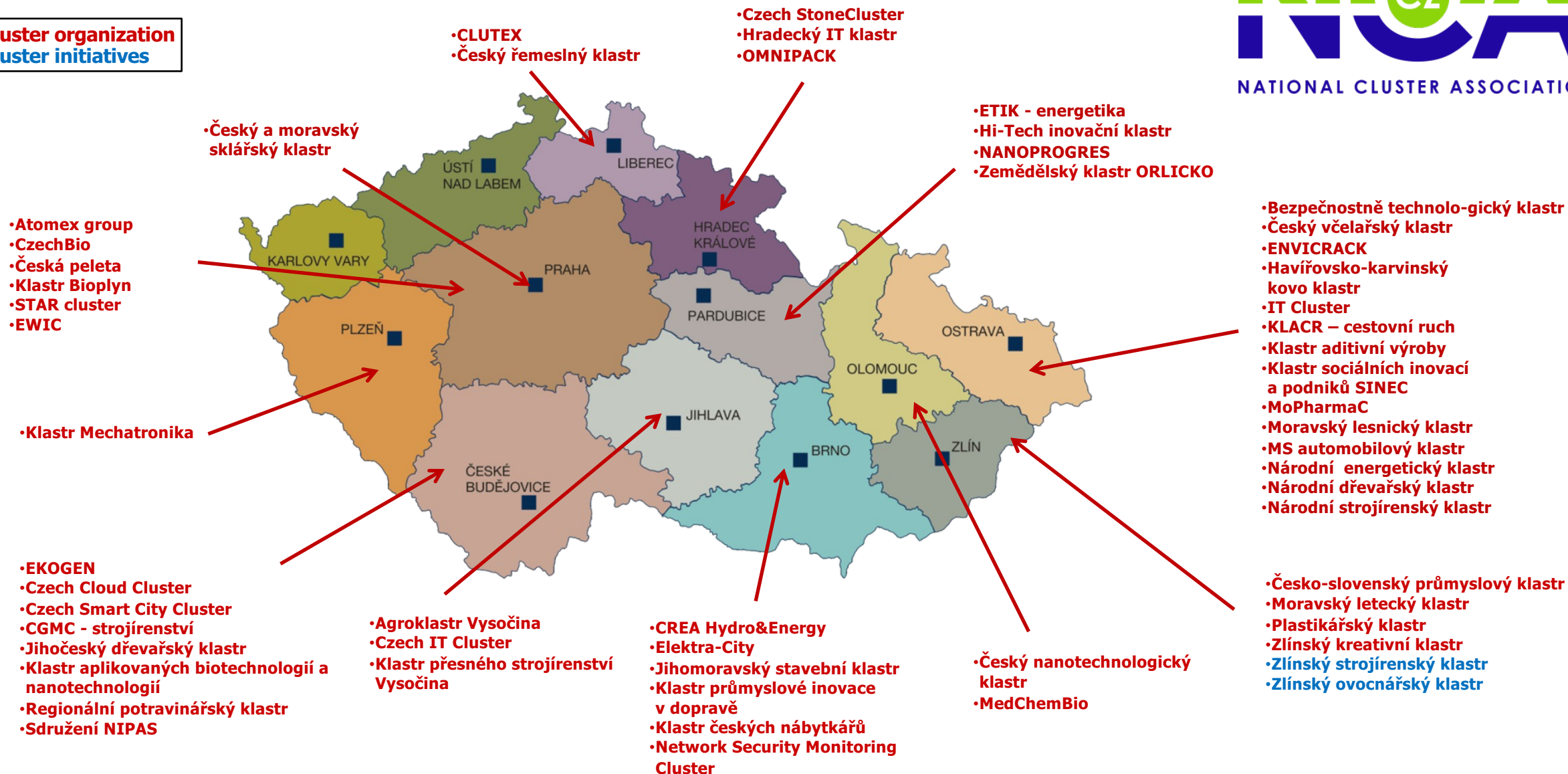


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nanoprogess
THE NANOTECHNOLOGY CLUSTER

CZECH CLUSTER ORGANIZATIONS

Cluster organization
Cluster initiatives



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THE NANOTECHNOLOGY CLUSTER

OUR PHILOSOPHY

**If you want to go fast, go alone.
If you want to go far, go together.**

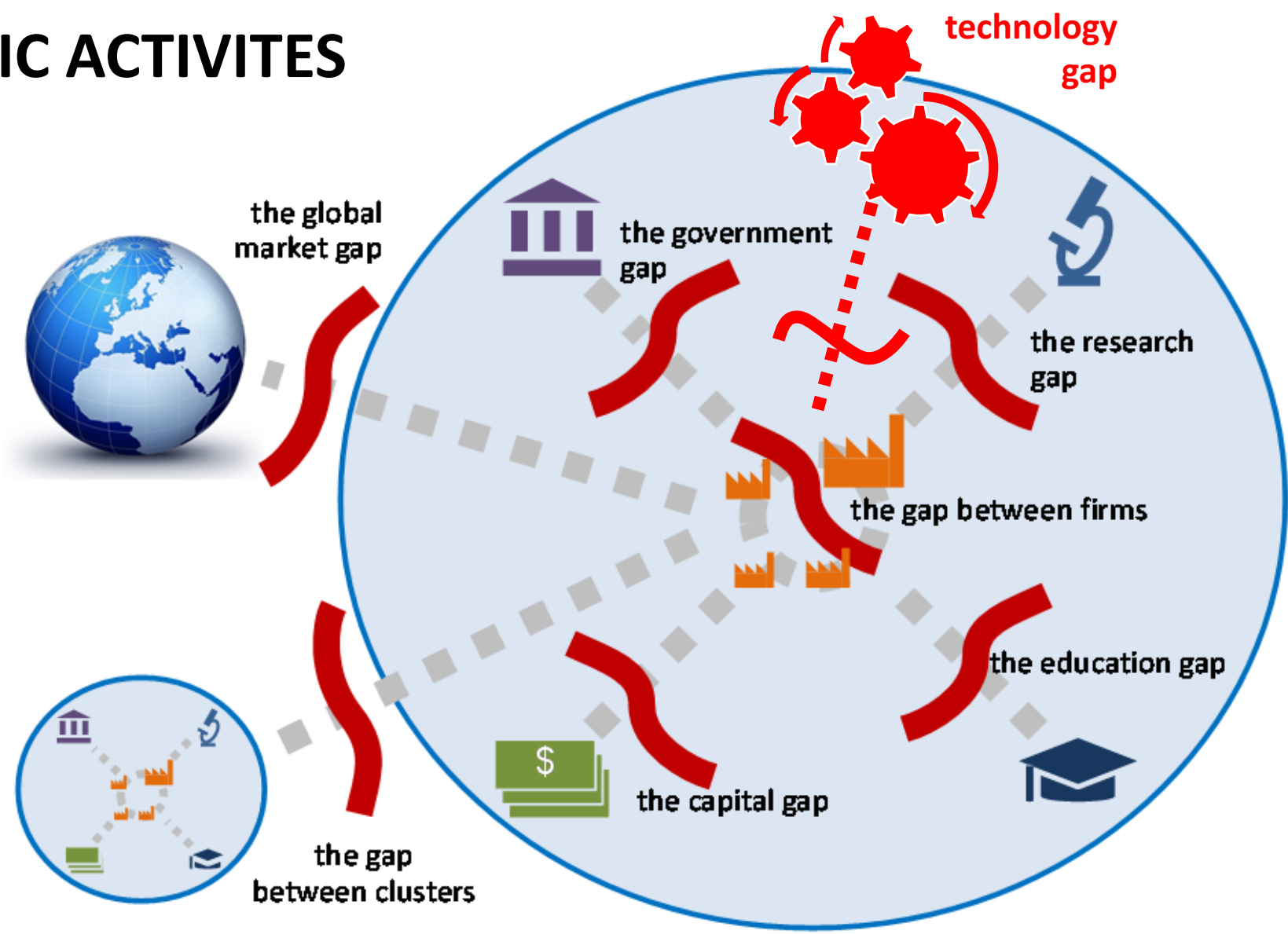
TOGETHER WE

focus on research and development of
functionalized nanostructures and its
application in the industry and biomedicine.



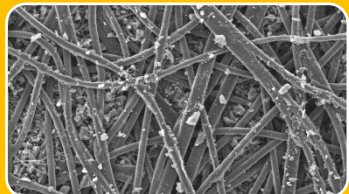
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STRATEGIC ACTIVITES



source: *The Cluster Initiative Greenbook 2.0, 2013*

STRATEGIC AREAS



Research and development



Joint infrastructure development



Internationalization and international collaboration



Cluster development

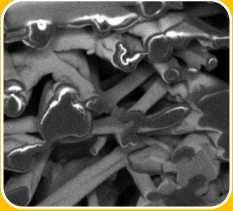


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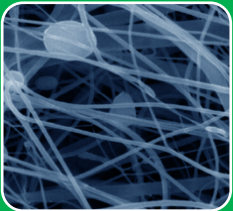
REALIZED JOINT RESEARCH PROJECTS



Development of a reproducible method for preparing core/shell nanofibers



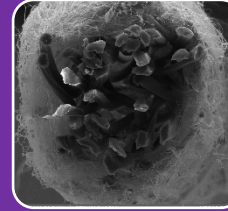
Development of medical solutions based on functionalized nanofibers for external applications, skin covers and surgical applications



Development of medical solutions based on functionalized nanofibers for use in biomodels



Preparation of native proliferation factors, sterilizing and packing samples and organizing transport

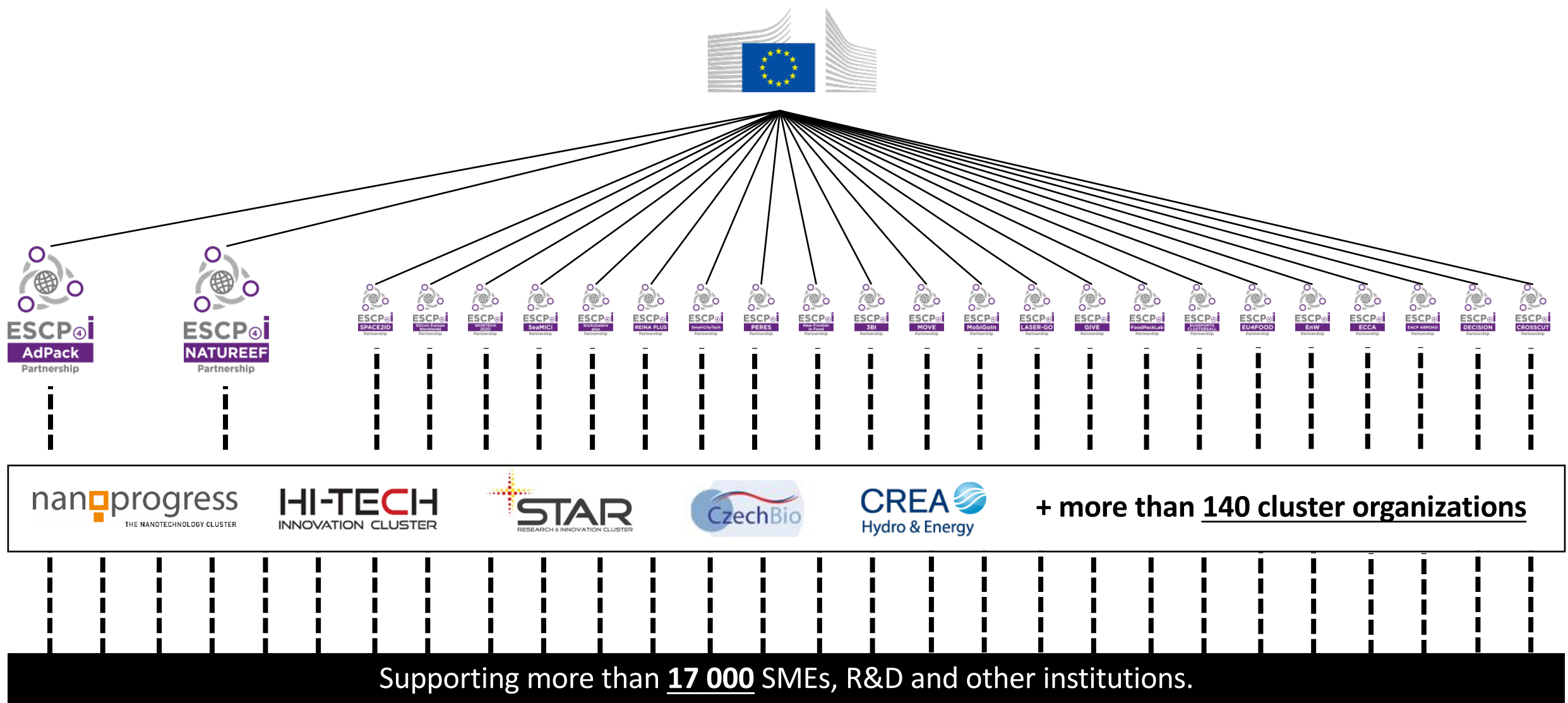


Combined nanofibrous composites



Functionalized nanofibers for dental and dermatological application

ESCP EUROPEAN STRATEGIC CLUSTER PARTNERSHIP



Packbridge AB

Malmö, Sweden

BalticNet-PlasmaTec

Greifswald, Germany

Plastiwin

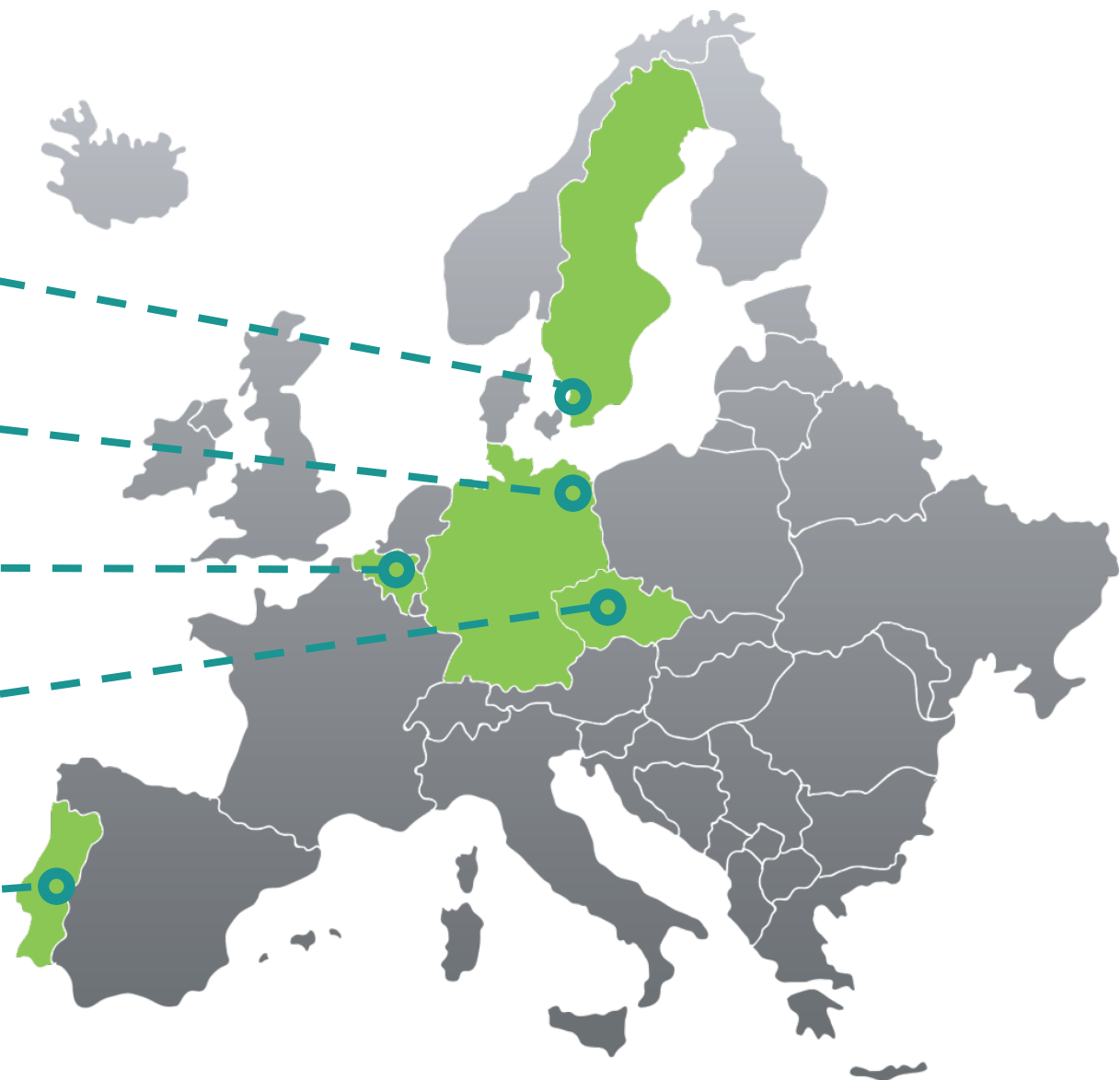
Liège, Belgium

Nanoprogress

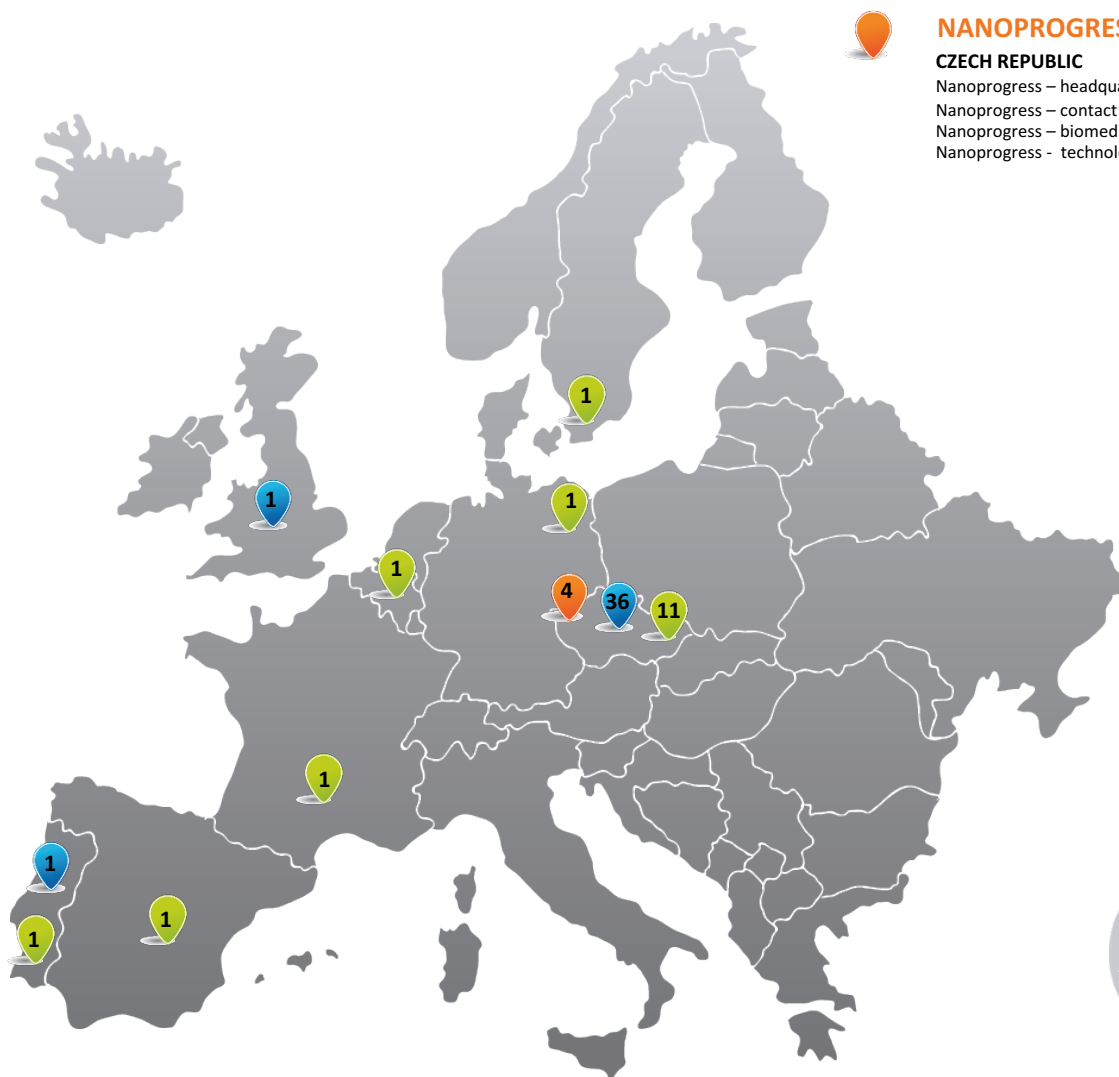
Pardubice, Czech Republic

Inovcluster

Castelo Branco, Portugal



GEOGRAPHIC COVERAGE



NANOPROGRESS

CZECH REPUBLIC

Nanoprogress – headquarters, Pardubice
 Nanoprogress – contact and meeting point in Prague
 Nanoprogress – biomedical centre, Buštěhrad
 Nanoprogress – technological centre, Liberec



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GERMANY

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SWEDEN

Packbridge

BELGIUM

Plastiwin

FRANCE

Cluster Water Sensors and Membranes

SPAIN

ZINNAE – Cluster for the efficient use of
 water

PORTUGAL

Inovcluster

AUSTRALY

Austrade



MEMBER'S VALUE CHAIN



AREAS OF COLLABORATION



Basic research



Applied research



Clinical trials



Product development



Business and trading



Marketing



Thank you !