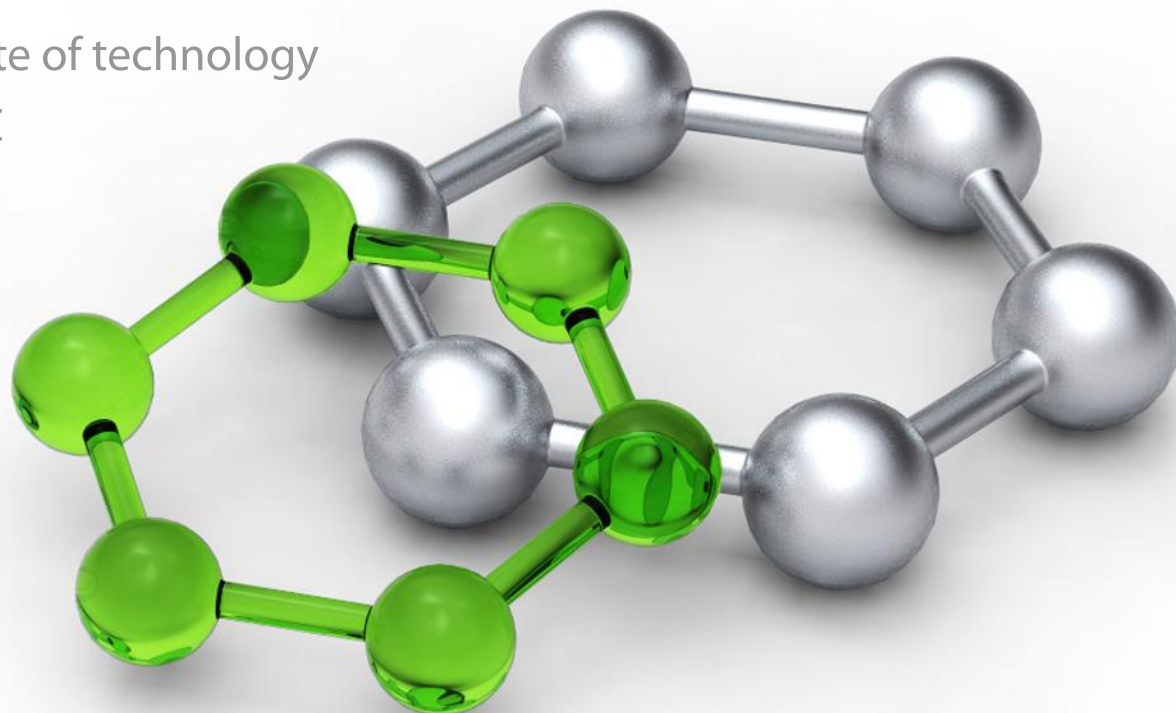




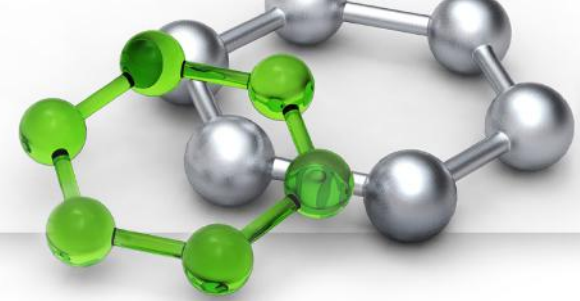
CEITEC

central european institute of technology
BRNO | CZECH REPUBLIC



Tomáš Hruďa, Director of CEITEC
Brussels, July 14th 2010

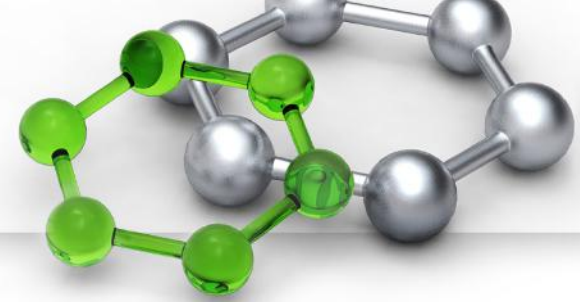
CEITEC



CEITEC is a project of the **European Centre of Excellence** which is being prepared by a consortium of universities and research institutes in Brno with the aim to integrate **life and material sciences**.

It will focus on **scientific excellence**, provide a **state-of-the-art infrastructure**, encourage **international mobility**, enhance **cooperation with the application sector** and stimulate **growth of high-tech sectors**.

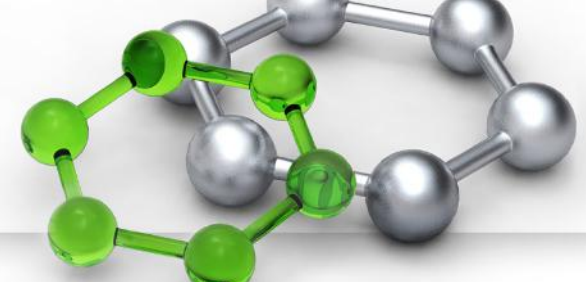
Project Vision



Establishment of a **Centre of Excellence**
conducting research in the area
of **QUALITY OF LIFE** and **HUMAN HEALTH**

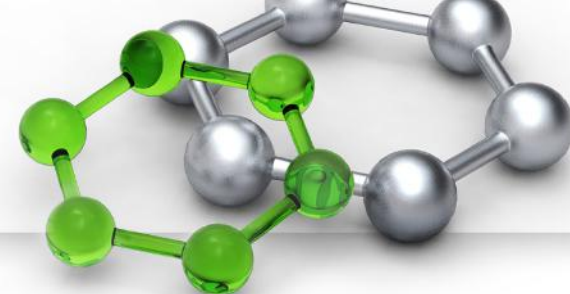


Overview



- **6** partners
- **556** researchers (2015)
- **7** research programmes
- **54** research groups
- **25,000 m²** of new laboratories
- **10** core facilities
- Planned budget of **EUR 208 mil.**
- Planned start of research activities: **Q1 2011**
- Project completion: **Q4 2015**

Participants



Masaryk University

www.muni.cz



Brno University of
Technology

www.vutbr.cz

Mendel
University
in Brno



Mendel University
in Brno

www.mendelu.cz



University of Veterinary
and Pharmaceutical
Sciences Brno

www.vfu.cz



Academy of Sciences
of the Czech Republic

www.avcr.cz

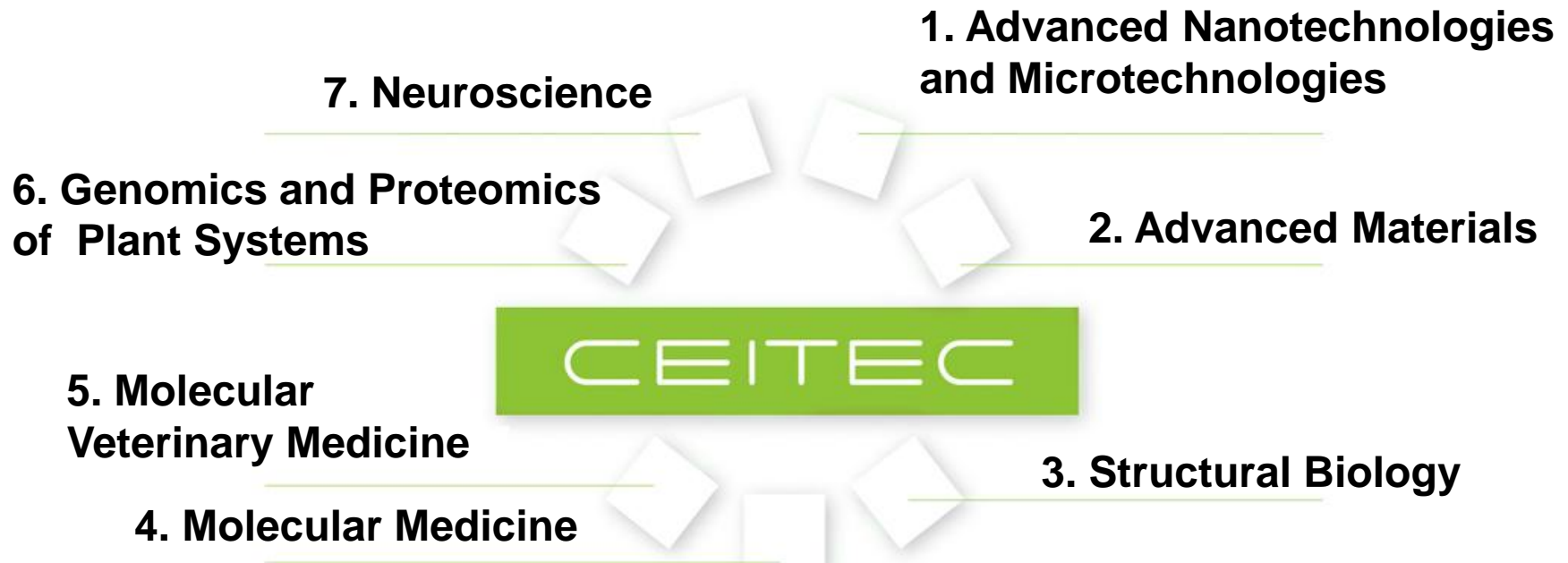
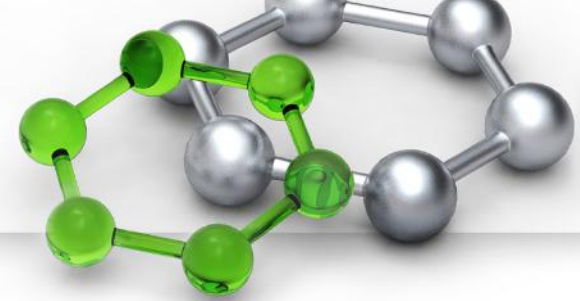
Institute of Scientific
Instruments, Institute
of Physics of Materials



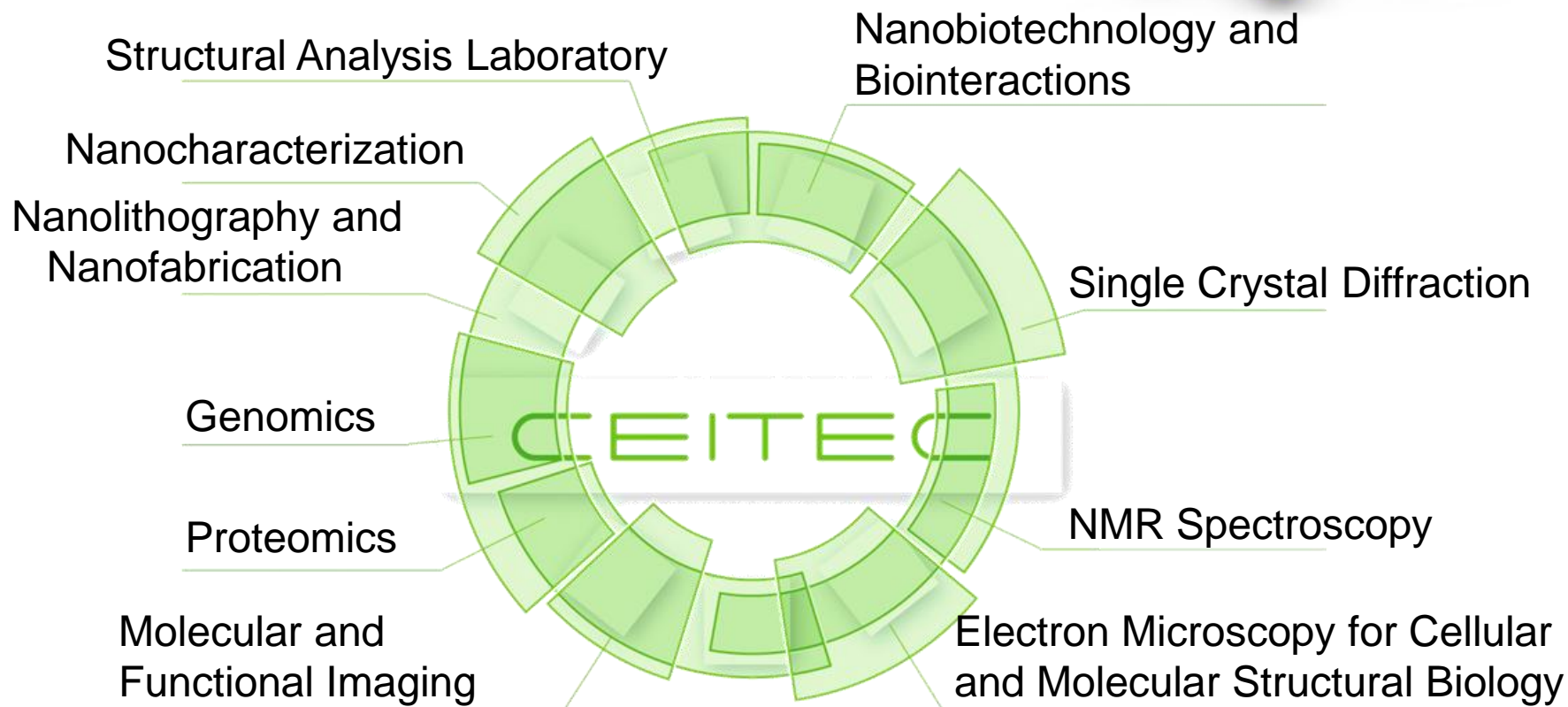
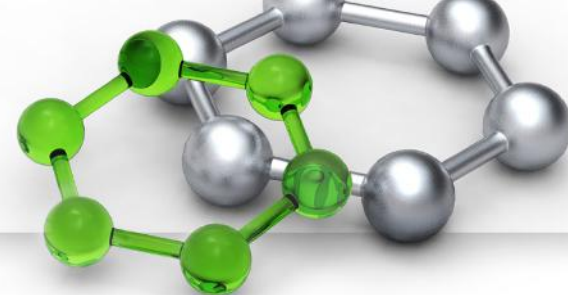
Veterinary Research Institute

www.vri.cz

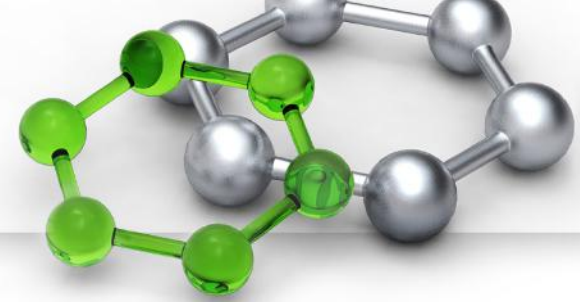
Research Programmes



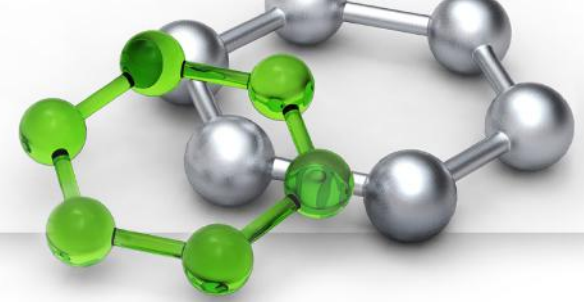
Core Facilities



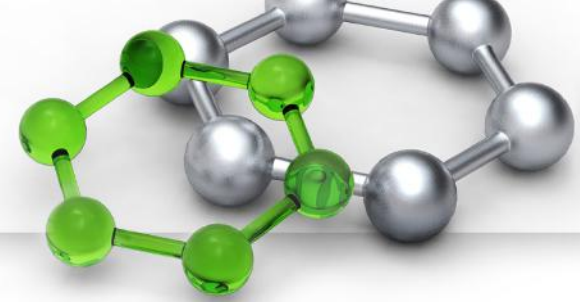
Laboratories in Brno – Bohunice University Campus



Laboratories in Pod Palackého Vrchem Campus



Cooperation with the application sector



Contractual research

Use of Project's infrastructure

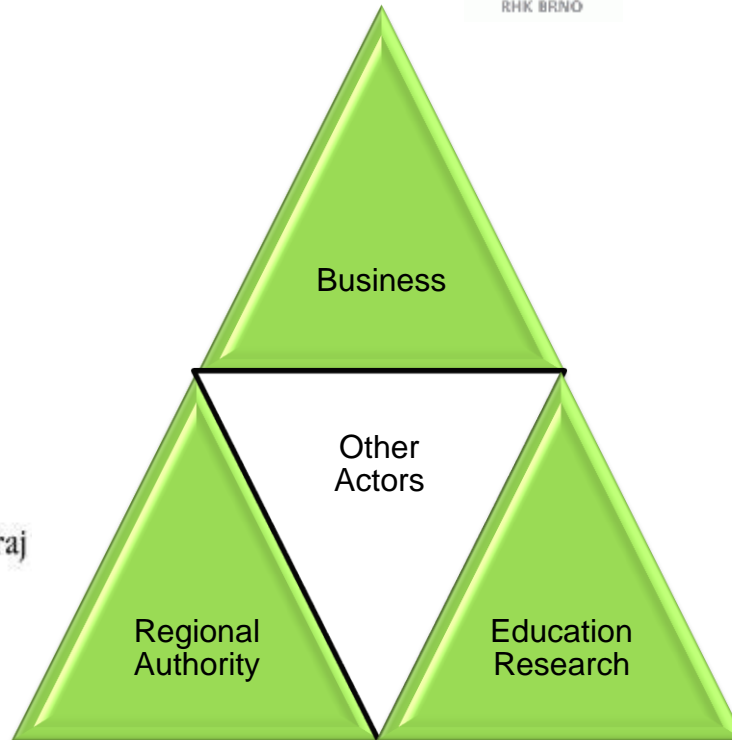
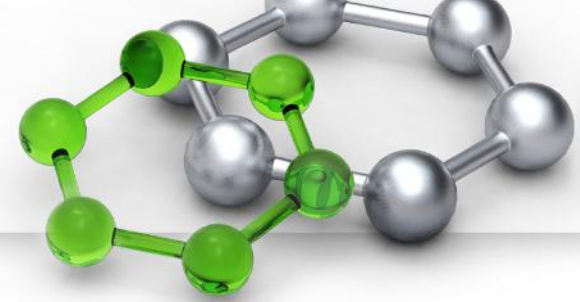
Other forms of cooperation



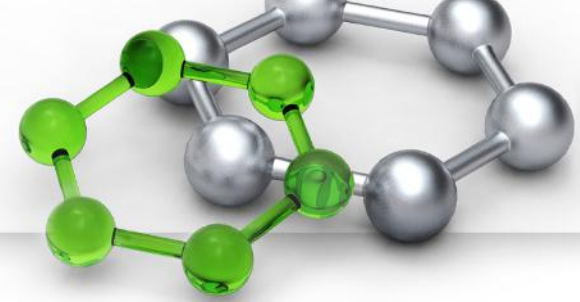
Collaborative research

- Already more than 200 cooperating companies and institutions
- Letters of intent in the amount of EUR 60 mil.

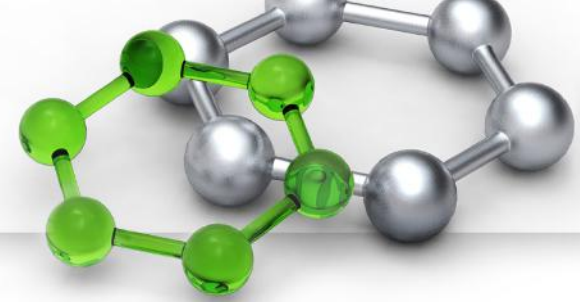
Regional context



Brno / Czech Republic / Europe



Why in Brno?



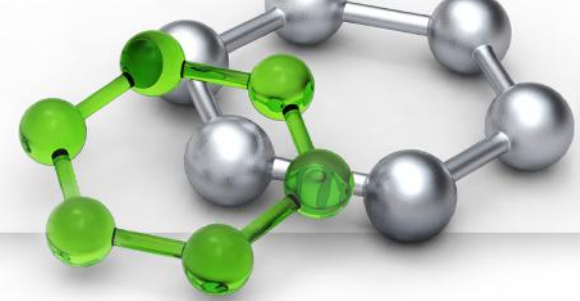
- 32 % of national R&D spending (without Prague)
- 3.000 researchers in engineering and life science
- a unique combination of research facilities
- long history of technology and medical research development and production
- over 80.000 students
- clear & functional regional strategy

RIS > 3

B | R | N | O |

 CEITEC

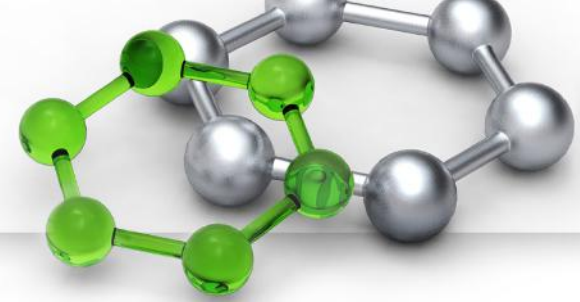
Regional Context



- Commitment of all major stakeholders – region, city of Brno, universities and research institutes
- Important synergies between various funding sources – structural funds, 7th framework programme, CIP, regional and city funds, ...
- The region itself invested more than 25 mil EUR in last 5 years into support of research, development and innovations



Regional Innovation Strategy 3



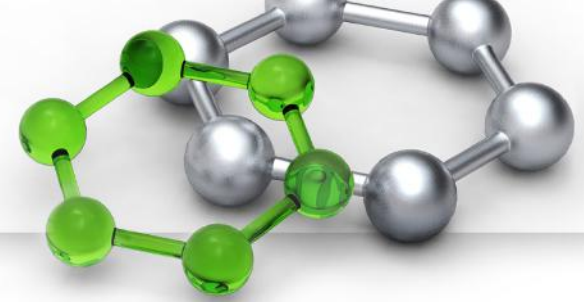
Vision:

„Become one of the first 50 most innovative regions in the EU by 2013“



- Currently South Moravian Region is on 60th place

Regional Innovation Strategy 3

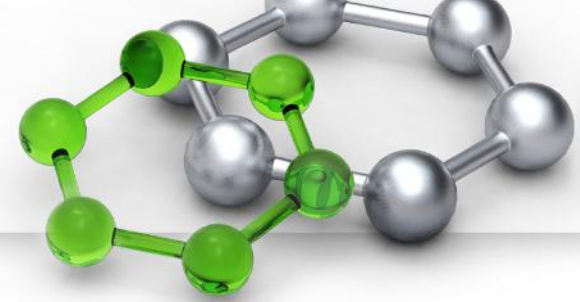


Priority areas:

- Technology transfer
- Advisory and other services for companies
- Human resources
- Internationalisation



Regional Innovation Strategy 3

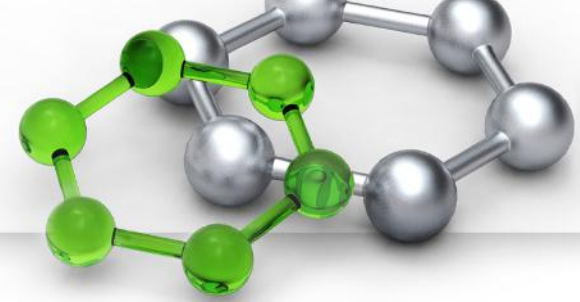


Regional model of Technology transfer:

- Pooling of expert resources on regional level
- Dynamic team for commercialization model
- Involvement of regional actors – universities, research institutes, South Moravian Innovation Center
- Joint applications for funding from structural funds



Regional Innovation Strategy 3

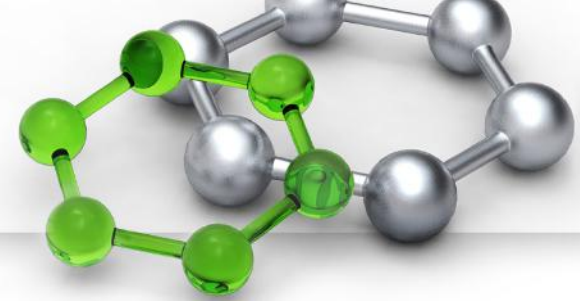


Technology transfer – projects:

- Technology transfer point
- Innovation vouchers
- Proof of concept fund



Regional Innovation Strategy 3

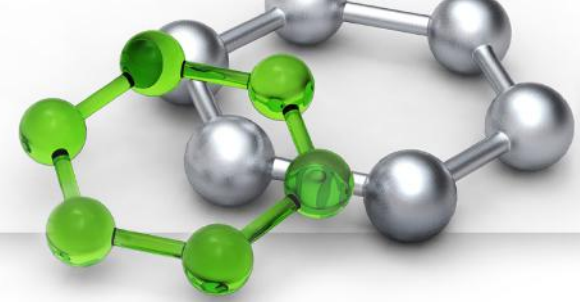


Advisory and other services – projects:

- CEITEC Science Park (10 000m²)
- Competence centers – electrotechnics, machinery
- Financial fora – find your investor
- Patent and licensing fund, microfinance fund, seed fund
- Clusters in key sectors – machinery, electrotechnics, information technologies, biotechnology, ...
- Innovation academy



Regional Innovation Strategy 3

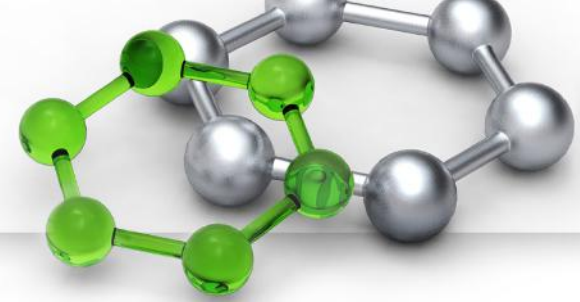


Human resources – projects:

- Moravian Science Center Brno
- Support to talented youth
- PhD scholarships
- SoMoPro – regional mobility fund co-financed by FP7-COFUND
- EURAXESS



Regional Innovation Strategy 3

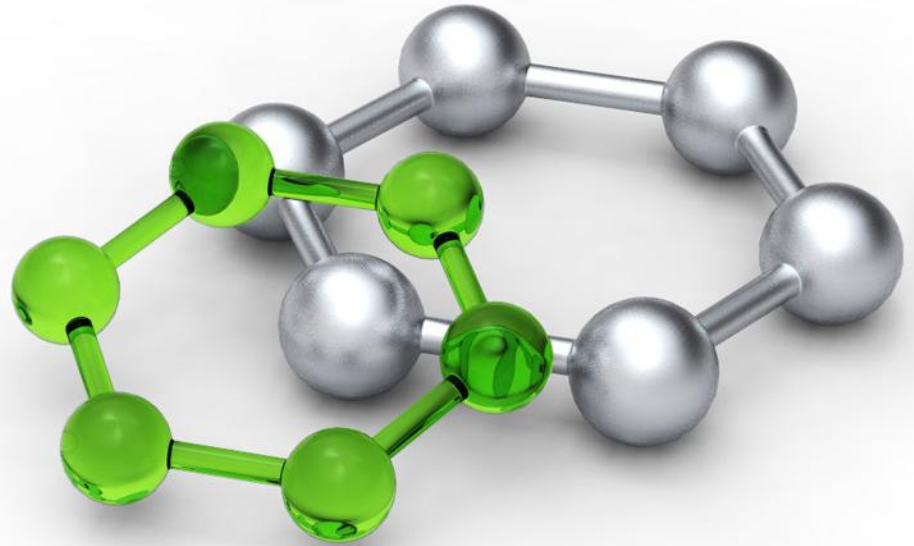


Internationalization – projects:

- Brokerage events - 2009 ICT, 2010 life-science
- Sectoral conferences – 2010 – Gate2BrnoBiotech
- Company missions
- International secondary school



Thank you for your attention



CEITEC

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c/o Masaryk University

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601 77 Brno, Czech Republic

www.ceitec.eu | info@ceitec.cz