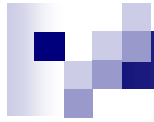




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Cluster development in BBSK



- Implementation of the regional Programme for economic, social and cultural development
- One of the strategic priorities of Regional Innovation Strategy (www.babyris.sk)
- Participation in the project CLOE – Clusters Linked Over Europe (www.clusterforum.org) - action plan for development of clusters in BBSK



Cluster development in BBSK

The aims of first cluster initiative in BBSK:

- Better utilisation of human resources
- Support of innovation, research and development
- Common marketing activities and public relations (improving image of particular industries)
- Improvement of internal and external communication, collaboration and networking

Cluster development in BBSK



1st Slovak Engineering Cluster

- First cluster in Banská Bystrica Region
- Established on 17 September 2008



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Vision:

- To establish a highly prestigious and modern engineering base, competent in terms of human resources, new technologies and innovation for establishing of supply chains in the field of production of machines for building and transport industries, forestry and agriculture as well as power industry with focus on renewable energy resources.



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Strategic fields:

- Building and transport industries
- Forestry and agriculture
- Power industry with focus on biomass and other renewable energy resources



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Main goals:

- development and popularization of engineering
- support of R&D and innovation
- development of human resources
- creation and optimization of supply chains
- support of investments in modern technologies and machinery
- improvement of cooperation with universities and R&D centres

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Current intentions:

- Implementation of common projects – virtual training centre – training and education of young people, popularisation of engineering to young people
- Building of an Engineering Innovation Park
(location: industry park H3, PPS Group, Detva)
- Common marketing activities and public relations
(exhibitions and trade fairs, promotional materials, **guidebooks, case-studies, best-practices...**)

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Organisational form:

- Non profit organisation

Cluster bodies:

- General Assembly – supreme body, consist of representatives of all founders/members, decision making on strategic level
- Board of administrations – executive body, consist of representatives of 7 founders/members
- Advisory board – auditing body
- Director – operative decision making

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Sources of financing:

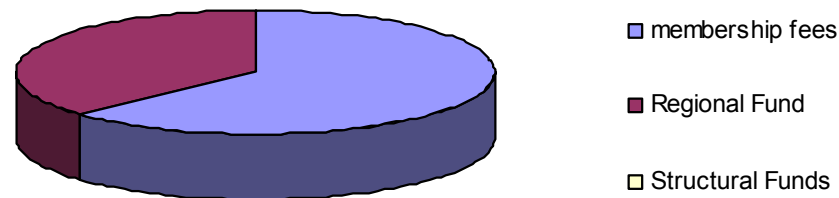
- Membership fees
- Financial resources from the Banská Bystrica Regional Fund
- Financial resources from Structural Funds and other programmes of EÚ (projects)
- Other resources (sponsors)

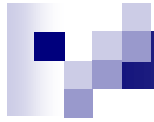
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Financing in 2008 (first year of existence):

- Membership fees (63%)
- Banská Bystrica Regional Fund (37%)
- Structural Funds and other programmes of EU (0%)
- Sponsors (0%)





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Founders – active members:

■ Banská Bystrica Self-governing Region	1
■ Engineering companies	10
■ Research and development institutions	1
■ Consultants and service providers	1
■ Secondary schools – engineering colleges	8
■ <u>Technical Universities</u>	1
■ MEMBERS:	22

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Members - Engineering manufacturers:



Agrio-postrekovače, s.r.o., Poniky (www.agrio.sk)

– Agricultural machinery: sprayers, drainage cleaners, agricultural accessories



ALFA CONEX SLOVAKIA, s.r.o., Rimavská Sobota (www.conveyor.sk)

– Transport systems, industrial belt conveyors, special purpose machines, biomass feeding and utilization, renewable energy resources



AT Component, s.r.o., Veľký Krtíš (www.atcomponent.sk)

– Cardan shafts and steering ball joints, needle joints, bearings, steering connecting rods



D+D HYDRAULIK, Jozef Debnár, Kriváň (www.ddhydraulik.sk)

– Hydraulic components, production, sale and service



Metalrez, spol. s r.o., Banská Bystrica (www.metalrez.sk)

– Manufacturing of flame-cut shapes

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Members - Engineering manufacturers:



MINOX s.r.o., Detva (www.minoxdt.sk)

– metal-works, tool-making, locksmithery, machinery production and service



PPS Group, a.s., Detva (www.ppsgroup.sk)

– Production of heavy metal constructions (such as arms, booms, frames) for agricultural, building, mining and other machinery, fixtures production, assembly of final products (universal wheel loader HON 200)



Železničné opravovne a strojárne Zvolen, a.s., Zvolen (www.zoszv.sk)

– railway motor engines repairs, train and locomotive repairs, modernizations, production and sale of spare parts, other engineering production and services



VS Nástrojárň, s.r.o., Vlkánová (www.pvts.sk)

– treatment of castings and weldments, tool grinding, production of cutting, pressing and bending tools, production of special purpose presses

ISOLAR, s.r.o., Zvolen (www.isolar.sk)

–electric motors for locomotives and train sets, accessories for transport industry - production, sale and service

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Members – R&D and consulting companies:



IPM ENGINEERING, s.r.o., Prešov (www.ipmeng.sk)
– engineering design, research and development



nebotra, s.r.o., Banská Bystrica (www.nebotra.com)
– consulting services

Schools and universities :

Secondary schools with focus on engineering in Brezno, Zvolen, Detva, Žarnovica, Rimavská Sobota, Filákovo, Revúca and Krupina



Technical University in Zvolen (www.tuzvo.sk)

Regional authorities:



Banská Bystrica Self-governing Region (www.vucbb.sk)



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Cluster workgroups:

- Production
- Research and Development
- Education and training
- Marketing and international collaboration



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Current tasks:

- Complete database of members
- Launch the cluster website and train the users
- Elaborate an Activity plan
- Monitor calls from Structural Funds and other EU programmes
- Seek for new financial resources
- Intensify the work of workgroups
- Develop international collaboration and networking

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