

Research oriented use of ESF funding in the Free State of Saxony

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The Free State of Saxony ...



Convergence regions:
Dresden & Chemnitz:

Phasing-out region:
Leipzig



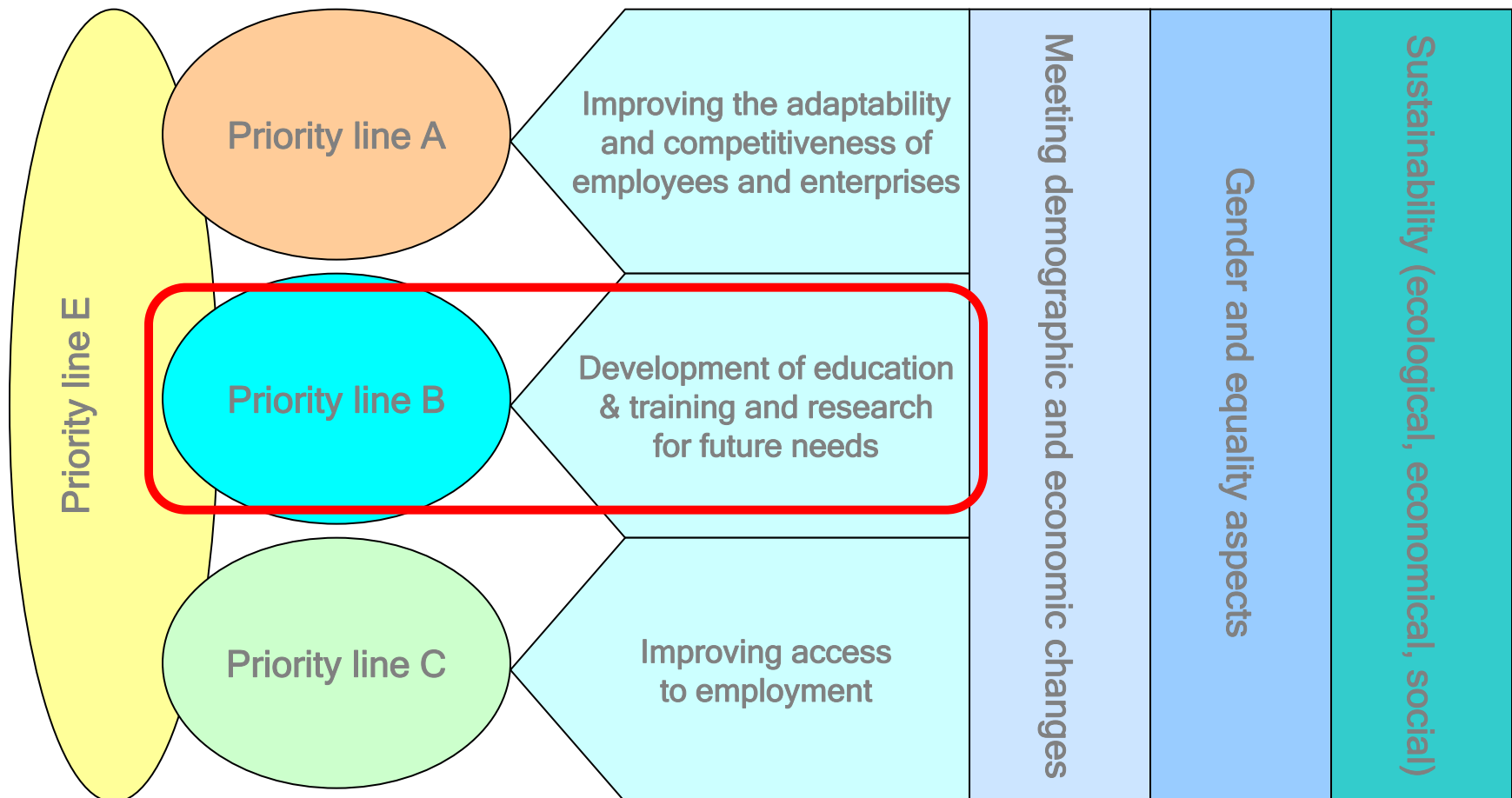
... and its history with the EU's Structural Funds

- profits since 1991 from these funds
- appr. 10 billion EUR are received since then
- in 2007-2013: again 4 billion EUR are expected
 - ERDF: 3.1 billion EUR
 - ESF: 872 million EUR
- under the headline: „More Development and Employment for Saxony“ are ...
- Innovation, Research and Education the main targets for funding use

Spread of funding (ERDF)

Priority Line	Funding
Strengthening of innovation, science and research	35%
Improvement of educational infrastructure	8%
Enhancement of competitiveness of industry	19%
Improvement of traffic infrastructure	19%
Improvement of infrastructure for a sustainable economic growth	18%
Technical assistance	1%

from ESF-aims in Saxony to funding priorities for Saxony



Spread of funding (ESF)

Priority Line	Funding
A: Increasing the adaptability and competitiveness of the workforce and companies	20%
B: Improving human capital	43%
C: Improvement of access to employment and social inclusion of disadvantaged persons	28%
E: Transnational measures	5%
Technical assistance	4%

B: „Improving human capital“ – Policy fields

Policy field 3: Funding of lifelong learning and improvement of career selection competence

Policy field 4: Funding of vocational training for youths

Policy field 5: Promotion of human potential in research and innovation, as well as network activities between university and research institutions, technology centres and companies

Policy field 5 and options for action

The targets of projects in this policy field are mainly directed at strengthening the innovative force of the Free State of Saxony, and thus the employment opportunities in the Free State of Saxony, by the creation of the necessary critical mass.

The measures serve mainly to bring about a close connection between graduates and the Saxony companies and thus encourage them to stay in the region.

- *Option for action: knowledge and know-how transfer*
- *Option for action: improvement of the performance of the universities*

**Funding line „Universities and Research“ (SMWK)
TOTAL: 120 million EUR until 2013**

ESF-funding line „Universities and Research“ (SMWK)

- I. Doctorate student grants in cooperation with industry / Industriepromotionen
- II. Saxonian innovative doctorate student grants / Landesinnovationspromotionen
- ...
- IV. Co-operative doctorate student grants / Kooperative Promotionen

individual grants

ESF-funding line „Universities and Research“ (SMWK)

...

VI. Young researcher groups / Nachwuchsforschergruppen

VII. Qualification and training courses for postgraduates / Kompetenzschulen

VIII. Research networks / Forschungsnetzwerke

...

XII. Innovative pilot and development actions / Innovative Pilot- und Entwicklungsvorhaben

...

project & action funding

benefits - knowledge and know-how transfer

With the aid of individual funding of e.g. doctorate students and researcher groups, appropriate research and development topics are handled in order to promote the transfer of technology and knowledge, to found companies from the universities and to qualify graduates and prepare them for professional practice.

benefits - knowledge and know-how transfer

A key feature and benefit of the qualification offers is the close interlocking of universities and companies; research activities take place in the companies and supervision in the universities.

These type of funding offers really generates an attractive environment for highly qualified personnel and does help to prevent the migration of these employees.

benefits - knowledge and know-how transfer

Within the scope of model projects, innovative projects for the development of the interface between tertiary educational institutions and business which are expected to generate a stimulus for the regional labour market, are realised.

The strengthening of human capital also includes aspects aimed at allowing the networking of science and professional practice, with a view to traditional markets in the MEE states.

Results

Human capital in the Free State of Saxony is reinforced in order that the formation of clusters and poles of innovation are supported by an adequate availability of skilled workers, thus creating a stimulus for more and better jobs.



<http://biosaxony.com/>



<http://www.silicon-saxony.de>

benefits - improvement of the performance of the universities

The necessary critical mass of highly qualified skilled workers is promoted due the networking of tertiary educational, research and technology institutions as well as business in research projects. Individual grants are especially well fitting for this purpose.

benefits - improvement of the performance of the universities

Students receive competences in special programmes to encourage entrepreneurial spirit and participation in international R&D projects.

This will also promote a greater understanding of the European research and education sector.

Entrepreneurial Education at TU Dresden

dresden | exists

- 500 projects since 1999
- 1000 participants/term
- motivation
- qualifying
- coaching
- events

2003: First in the Ranking "From Student to Entrepreneur"

2006: Special Award by futureSax

2007: Third in the Ranking "From Student to Entrepreneur"

2008: "distinguished place" in the campaign "Land of Ideas"

- ca. 250 spin off's
 - 175 coached by "Dresden Exists"
 - **15 based on TUD-Patents**
 - **9 shareholder TUD**

Results

The attractiveness of Saxon universities, for students from engineering science and business-orientated studies from MEE states who wish to complete their studies in Saxony, is increasing.

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Thank you very much for your attention!



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