



Federal Institute for  
Research on Building,  
Urban Affairs and  
Spatial Development

within the Federal Office for  
Building and Regional Planning



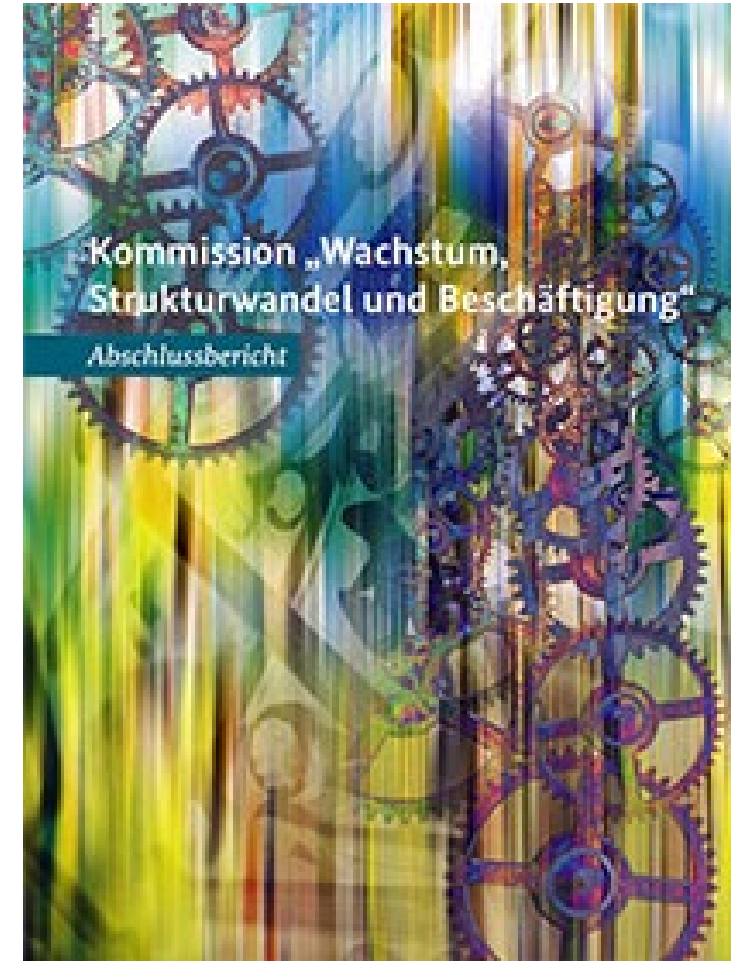
## BBSR COMPETENCE CENTRE FOR REGIONAL DEVELOPMENT

Philipp Gareis

How to  
govern green  
transition?  
Lulea,  
15 June 2023

# PHASING-OUT OF COAL AND STRUCTURAL CHANGE

- Commission for Growth, Structural Change and Employment („*Kohlekommission*“), 2018/19
  - **Phasing out coal-fired power generation until 2038: Coal Phase-out Act from 2020**  
Agreement of new government coalition: Phasing out of coal ideally until 2030
  - **Act on structural strengthening and investment in coal/lignite regions, 2020**
- >> Coping with structural change and securing of employment in (former) mining regions
- >> Allowing for sustainable regional development in a comprehensive understanding



Quelle: <https://www.bmwk.de/Redaktion/DE/Publikationen/Wirtschaft/abschlussbericht-kommission-wachstum-strukturwandel-und-beschaeftigung.html>trukturstärkungsgesetz, 2020



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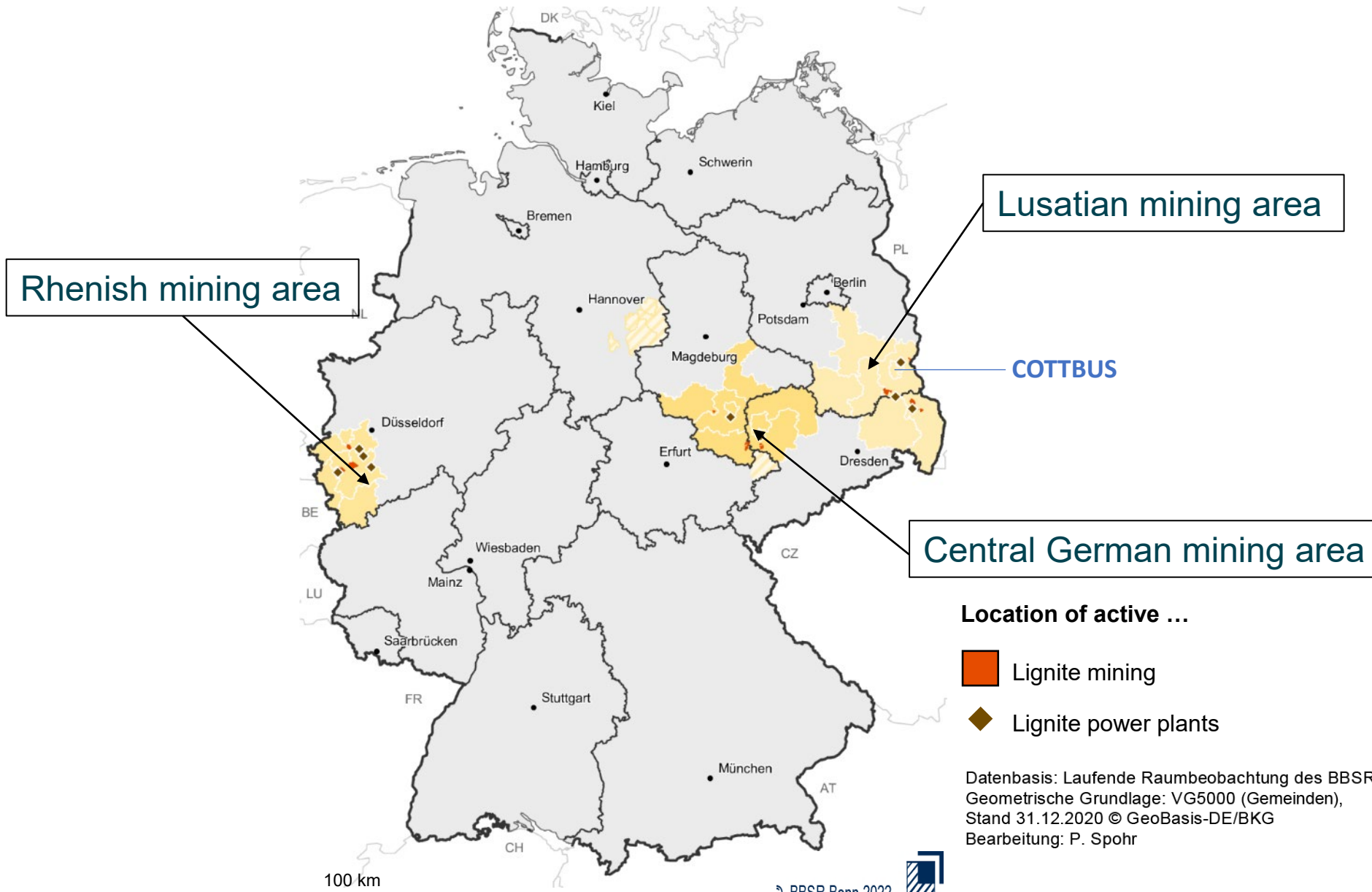


# LIGNITE MINING REGIONS OF GERMANY



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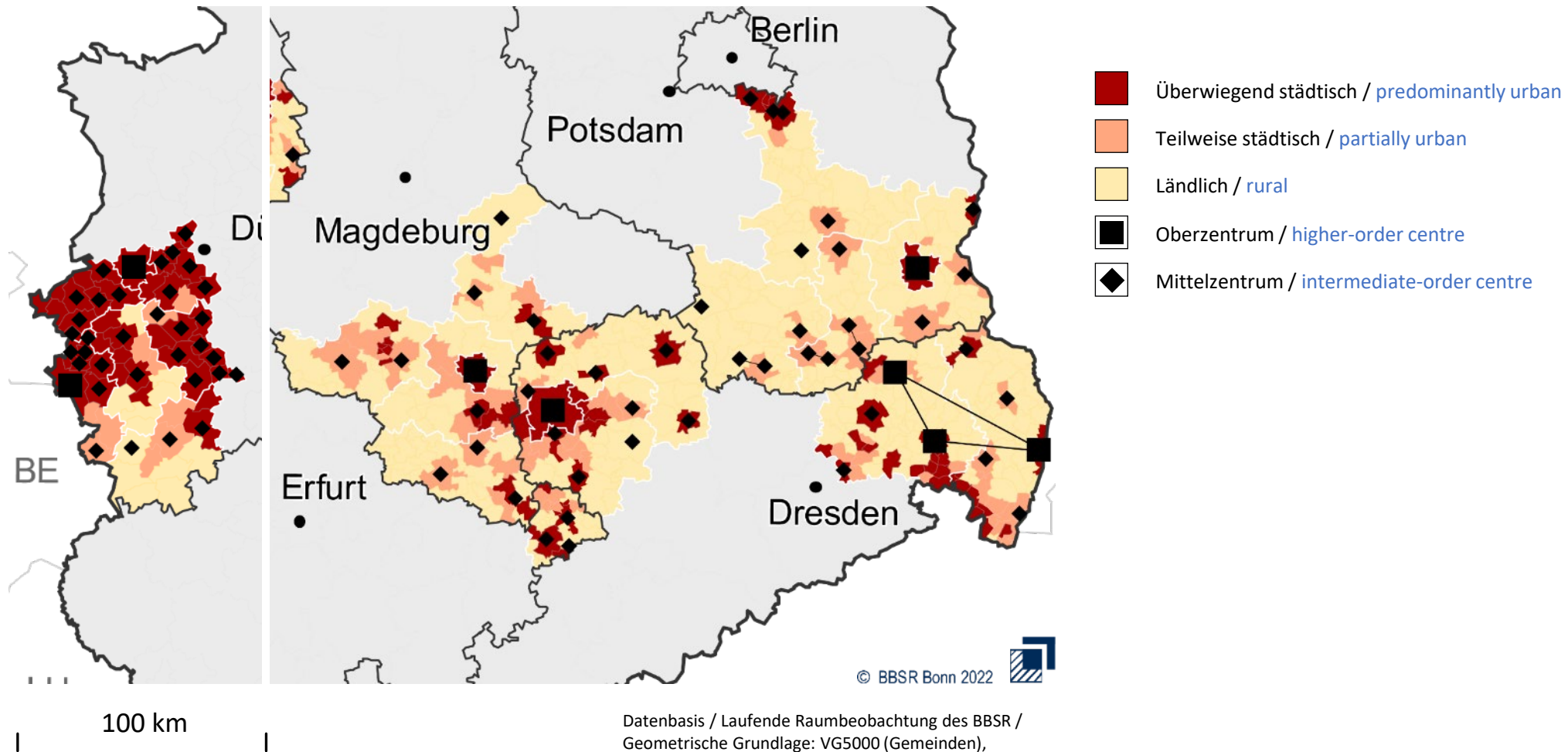
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# LIGNITE MINING REGIONS OF GERMANY

## SETTLEMENT STRUCTURE AND CENTRAL PLACES



© BBSR Bonn 2022

Datenbasis / Laufende Raumbeobachtung des BBSR /  
Geometrische Grundlage: VG5000 (Gemeinden),  
Stand / Stan 31.12.2020 © GeoBasis-DE/BKG  
Bearbeitung: P. Spohr

# LIGNITE MINING REGIONS OF GERMANY

- Area: 26,567 km<sup>2</sup> (= 7.4 % of Germany)
- Population: approx. 5,540,000 (= 6.6 % of Germany)
- 10 open-cast lignite mining areas
- 9 power plants based on lignite
- approx. 18,000 jobs in lignite industries (down from > 150,000 jobs in 1990)
- 40 Billion Euros of federal government support for structural change (especially infrastructure, research and government entities)  
of which 14 Billion Euros are administered by the federal states



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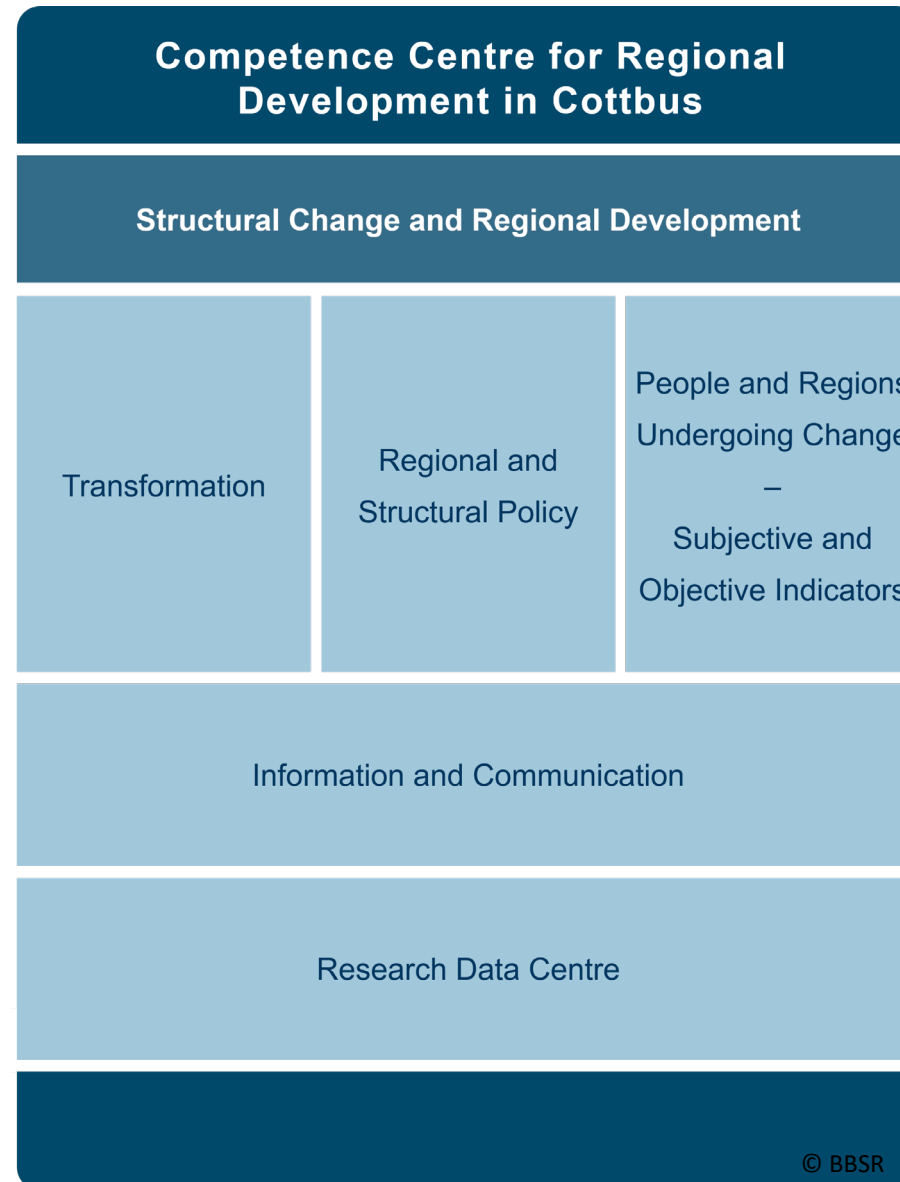
The Competence Centre is part of BBSR as departmental research institution of the Federal Ministry of Housing, Urban Development and Building (BMWSB).

## The Competence Centre

- aims to support structural change and transformation in the lignite mining regions of Lusatia, Rhineland and Central Germany
- supports the regions affected by the phasing-out of coal with academic expertise
- actively assists local communities in creating an exemplary transformation process towards more climate protection and a modern economic structure
- focuses on sustainable regional development and the creation of positive future prospects for the local population

# COMPETENCE CENTRE FOR REGIONAL DEVELOPMENT

## ORGANIZATION CHART



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# COMPETENCE CENTRE FOR REGIONAL DEVELOPMENT

## WHO WE ARE

- Academics and specialists from scientific fields including urban and regional planning, geography, sociology, economics, political and sustainability sciences, remote sensing and geoinformatics, data science
- Additional staff for administration and IT services
- 30+ employees
- Staff planned by the end of 2023: 56



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# COMPETENCE CENTRE FOR REGIONAL DEVELOPMENT

## WHAT ARE OUR TASKS

- Analysis of transformation dynamics through **applied research**
- **Development, implementation, monitoring** and evaluation of regional and model projects
- Comparisons of similar processes of structural change in **Germany and Europe**
- Communication and **knowledge transfer**
- **Advising** the Federal Government and the affected federal states and regions



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# (1) APPLIED RESEARCH

- Comparative analysis of the initial situation, regional policy and changes of lignite mining regions, e.g.
  - Spatial structures
  - Governance structures and actors
  - Impact of new research and development projects
- Social cohesion in processes of structural change, e.g.
  - Participation of civil society and role of certain population groups
  - Social conflicts and perception of transformation process among local population
  - Resettlement processes, “forgotten villages” and spatial identity
- Long-term monitoring of transition based on (spatial) data
- Structural change and transformation in European context



## (2) GUIDANCE AND SUPPORT OF LOCAL COMMUNITIES

- Networking of actors and institutions in the mining regions
  - Spatial partnership approach in cooperation with municipalities and counties
  - Exchange with state and regional planners, professional associations, etc.
  - Promotion of pilot projects
  - Implementation of projects funded within Federal programs such as „Shaping Regions” and “Sustainable Inner Cities and Centres”
- 
- *e.g. Competition of ideas (Ideenwettbewerb) “Participation and engagement: Shaping structural change in our regions” started in autumn 2022*



### (3) KNOWLEDGE TRANSFER AND POLITICAL ADVICE

- Knowledge transfer through “interface function” between mining regions, research and practice
  - Advising the federal government, in particular the Federal Ministry for Housing, Urban Development and Building
  - Cooperation with regional commissioners (*Revierbeauftragte*), development agencies of the federal states as well as state and regional planning
- 
- *Publications and annual report*
  - *Scientific conferences and lectures*
  - *Networking and popular events*



<https://www.ostbeauftragter.de/resource/blob/2038516/2137170/979f11337c033a872a6b3dd16b68eccf/download-bericht-zur-deutschen-einheit-2022-data.pdf?download=1>

<https://www.bmwsb.bund.de/SharedDocs/termine/Webs/BMWSB/DE/veranstaltungen/tagderregionen.html>





## (4) (SUBJECTIVE) WELL-BEING AND DATA CENTRE


















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- Considering subjective satisfaction, detecting and explaining differences in objective and subjective well-being.
- Analysing SOEP (Socio-Economic Panel / enlarged sample for lignite mining regions) + own surveys
- Collecting and publishing data and information via a research data centre for researchers and public

|  |   |  |
|--|---|--|
| <br>Referenztabellen        | <br>Arbeitsmarkt           | <br>Bauen, Wohnen       |
| <br>Bevölkerung             | <br>Bildung                | <br>Einkommen, Schulden |
| <br>Erreichbarkeit          | <br>Flächennutzung, Umwelt | <br>Infrastruktur       |
| <br>Medizinische Versorgung | <br>Öffentliche Finanzen   | <br>Raumwirksame Mittel |
| <br>Sozialleistungen        | <br>Verkehr                | <br>Wirtschaft          |



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