

What is Geopark?

GeoPark
RUHRGEBIET

10 Jahre



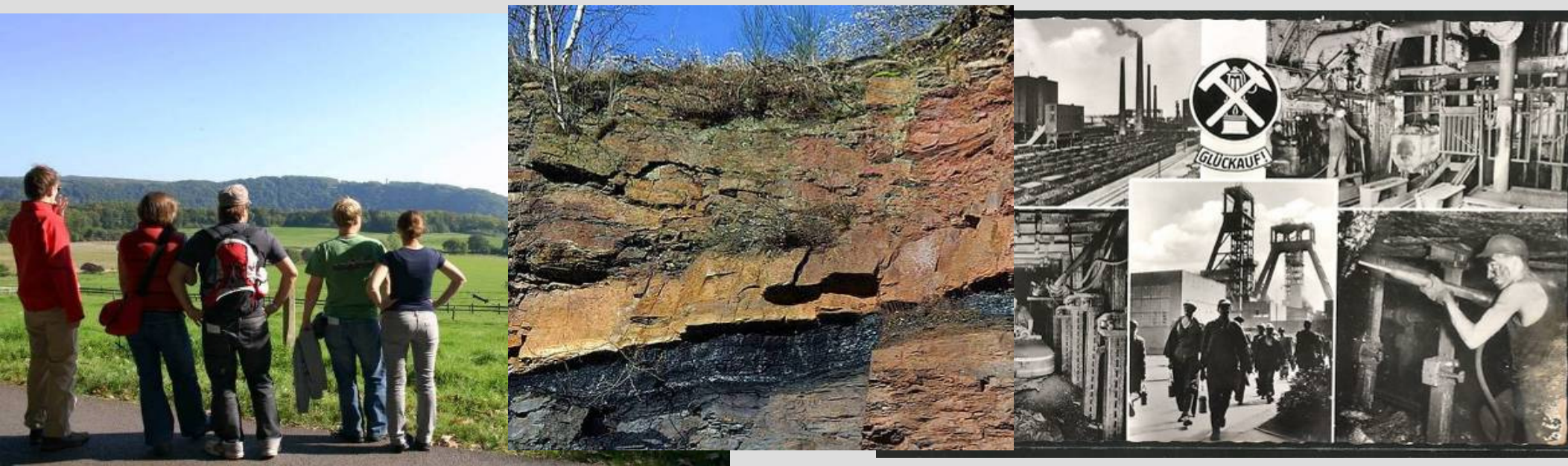
NO

YES

What is Geopark?

The **Geopark** is an area where “earth’s history” is experienced

- How do landscapes originate?
- What rocks and raw materials are found there?
- How does geology influence land use?



How the Geopark originates

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1990's Discussion: climate change, shortages of raw materials,
i.e. UN conference in Rio de Janeiro in 1992



Raising environmental awareness (Agenda 21)

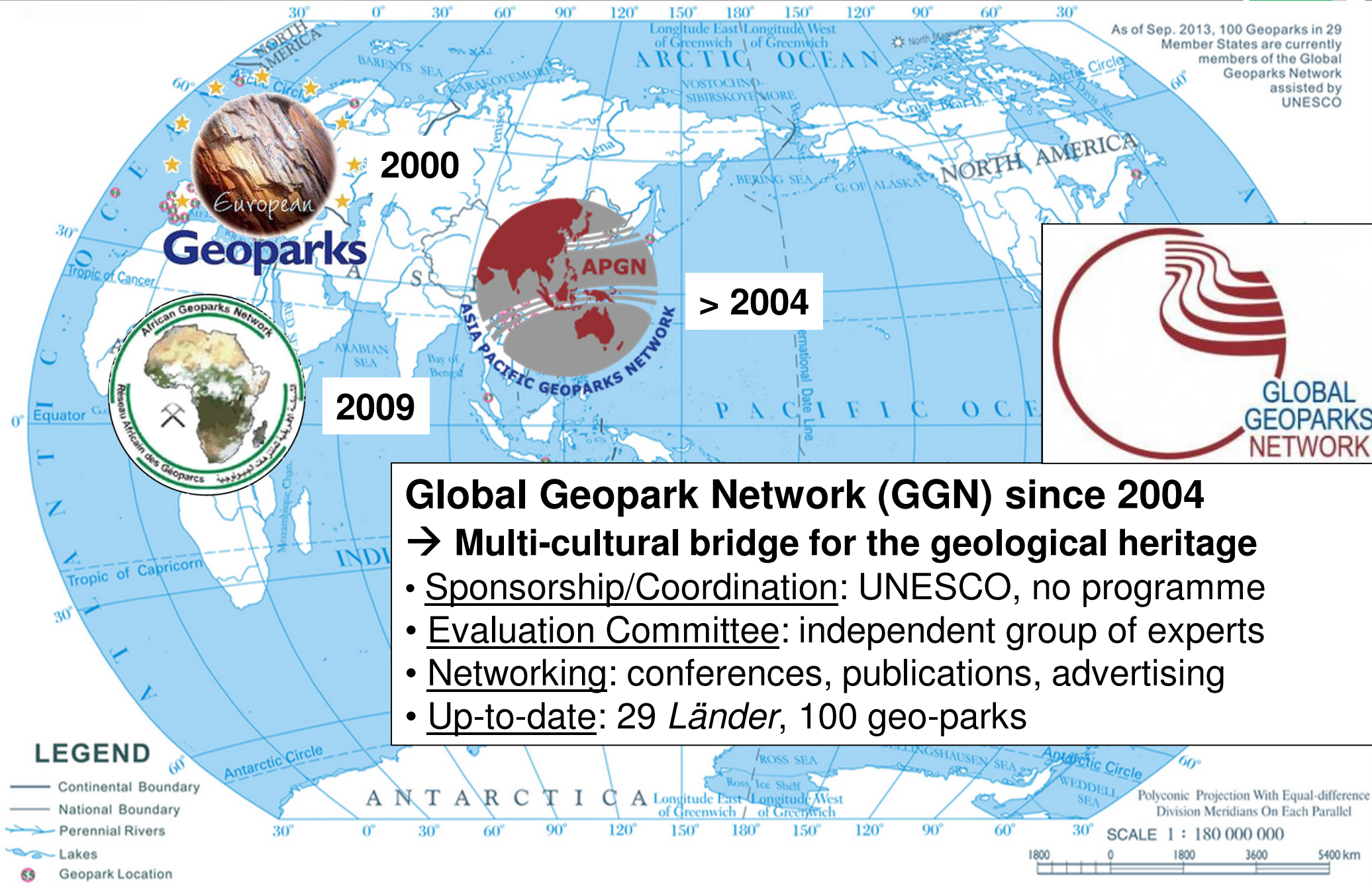


Sustainable Management of the “last”
planet resources

Geo-parks as instruments for ...

1. protecting the geological natural heritage
(minerals, stones, fossils, caves ...)
2. boosting geo-education
3. establishing geo-tourism

Geopark Network 2013



European Geopark Network since 2000

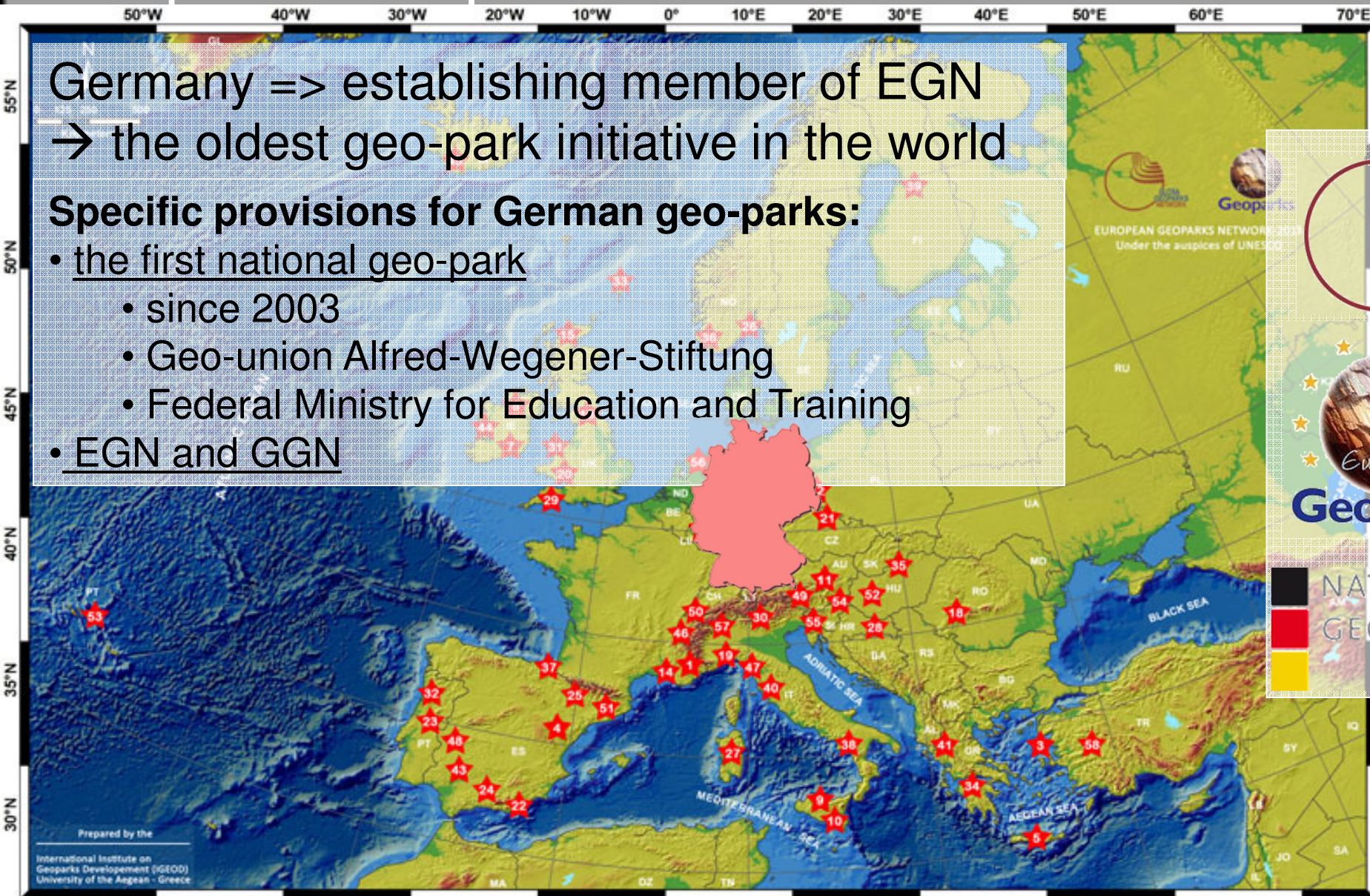
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Germany => establishing member of EGN
→ the oldest geo-park initiative in the world

Specific provisions for German geo-parks:

- the first national geo-park
 - since 2003
 - Geo-union Alfred-Wegener-Stiftung
 - Federal Ministry for Education and Training
- EGN and GGN



National geo-parks

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Currently: 14 national geo-parks



Geopark Ruhrgebiet

→ founded in 2004

→ national geo-park since 2006

A mark of distinction

Unique compared to...

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Volcanic Eifel



Shwabian Alb (Jura)



Nördlinger Ries



Raw material land - Ruhrgebiet

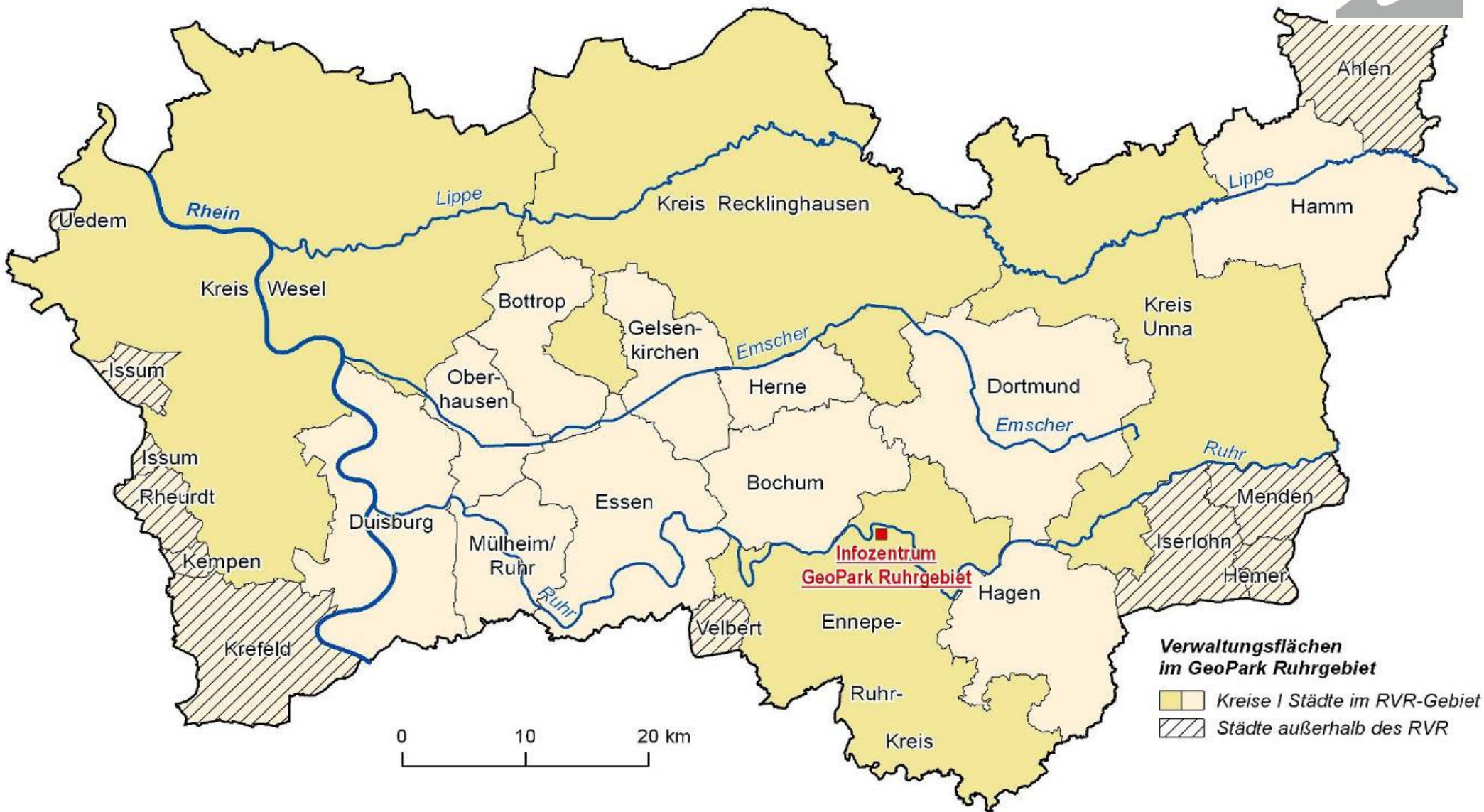
A mark of distinction “a raw material region”

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Identifying through minerals!

Geopark Ruhrgebiet



The network of members (currently: appr. 180)

Institutional members

- Ruhr Regional Association (RVR)
- Municipalities/districts
- Museums/universities
- Raw material enterprises/associations
- Environmental and citizens' associations
- Tourism enterprises
- Scientific organizations
- Geological service NRW
- Mining associations

Individual members



The Geopark on-the-spot...

Legend



Geotope



Geological/mining pathway



Museum/research institute



Industry monument



Post-mining landscape

Minerals



Coal



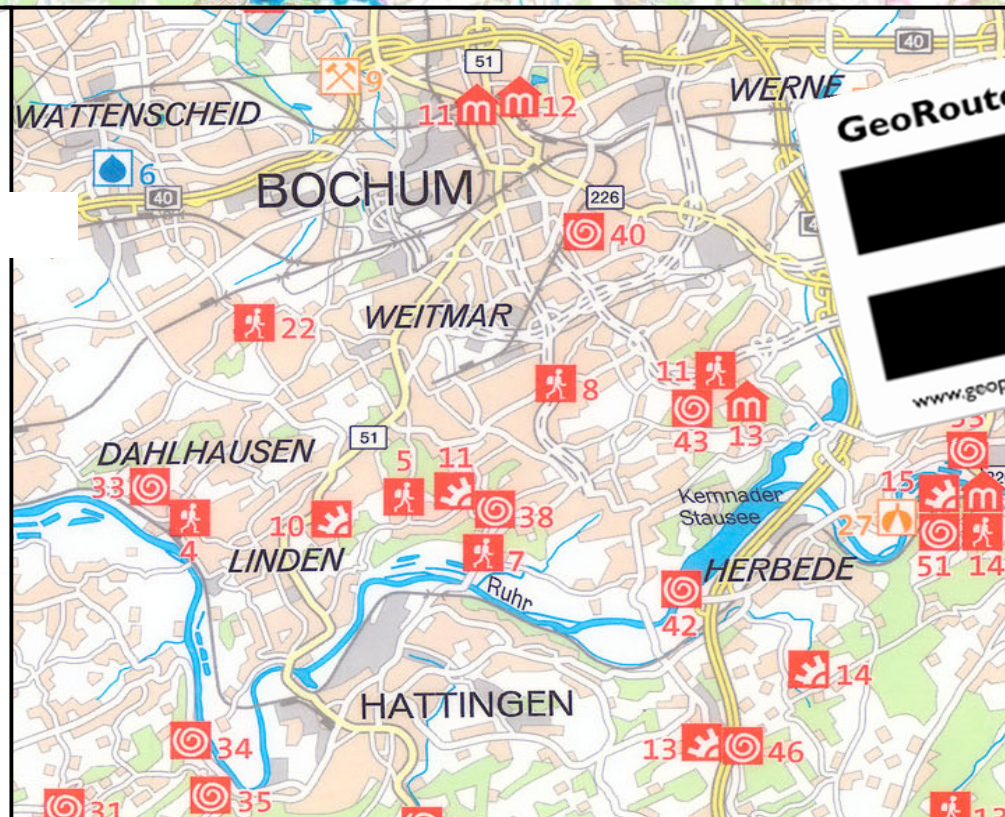
Salt



Rocks and soils

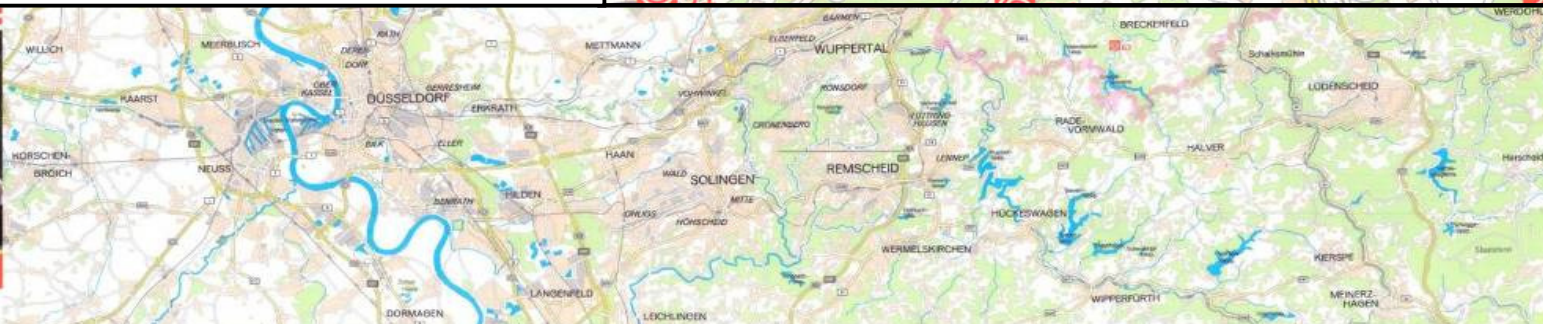
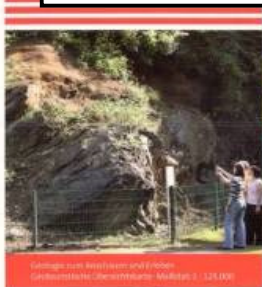


Mineral water



GeoRoute Ruhr

www.geopark-ruhrgebiet.de

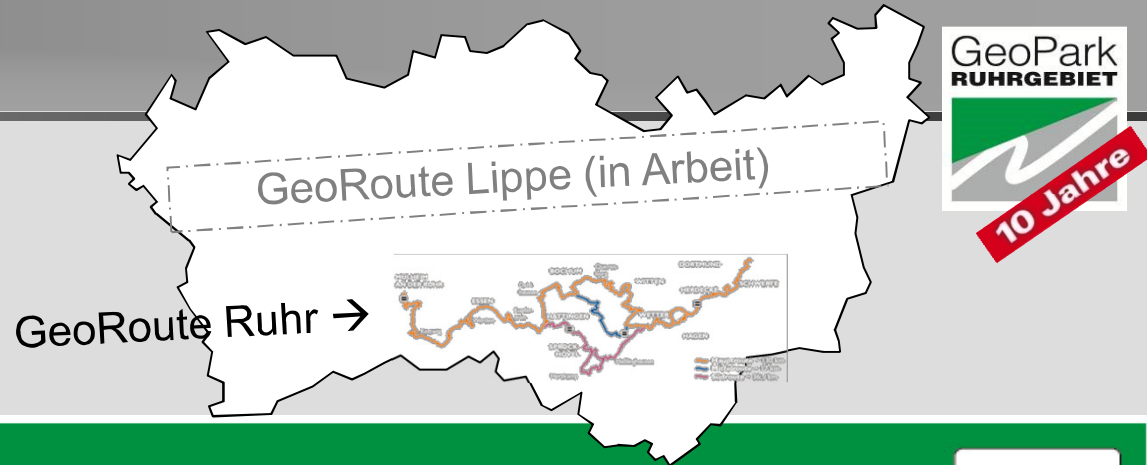


Zeichenerklärung

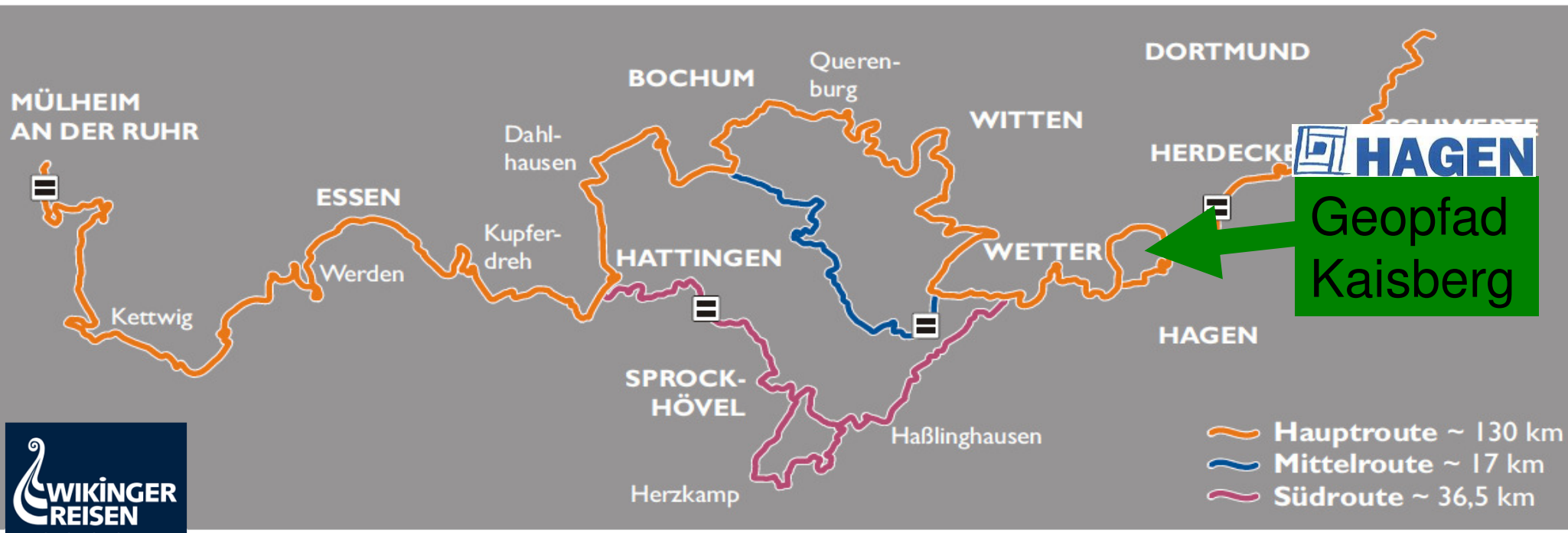
-  Geotop
-  Geologischer / Bergbaugeschichtlicher Wanderweg
-  Museum / Forschungseinrichtung
-  Industriedenkmal
-  Bergbaufolgelandschaft
- Bodenschätze**
-  Steinkohle
-  Salz
-  Steine und Erden
-  Mineralwasser

Maßstab 1:125.000
0 2 4 6 8 10 km

Geopark networked...



GeoRoute Ruhr durch das Tal des schwarzen Goldes



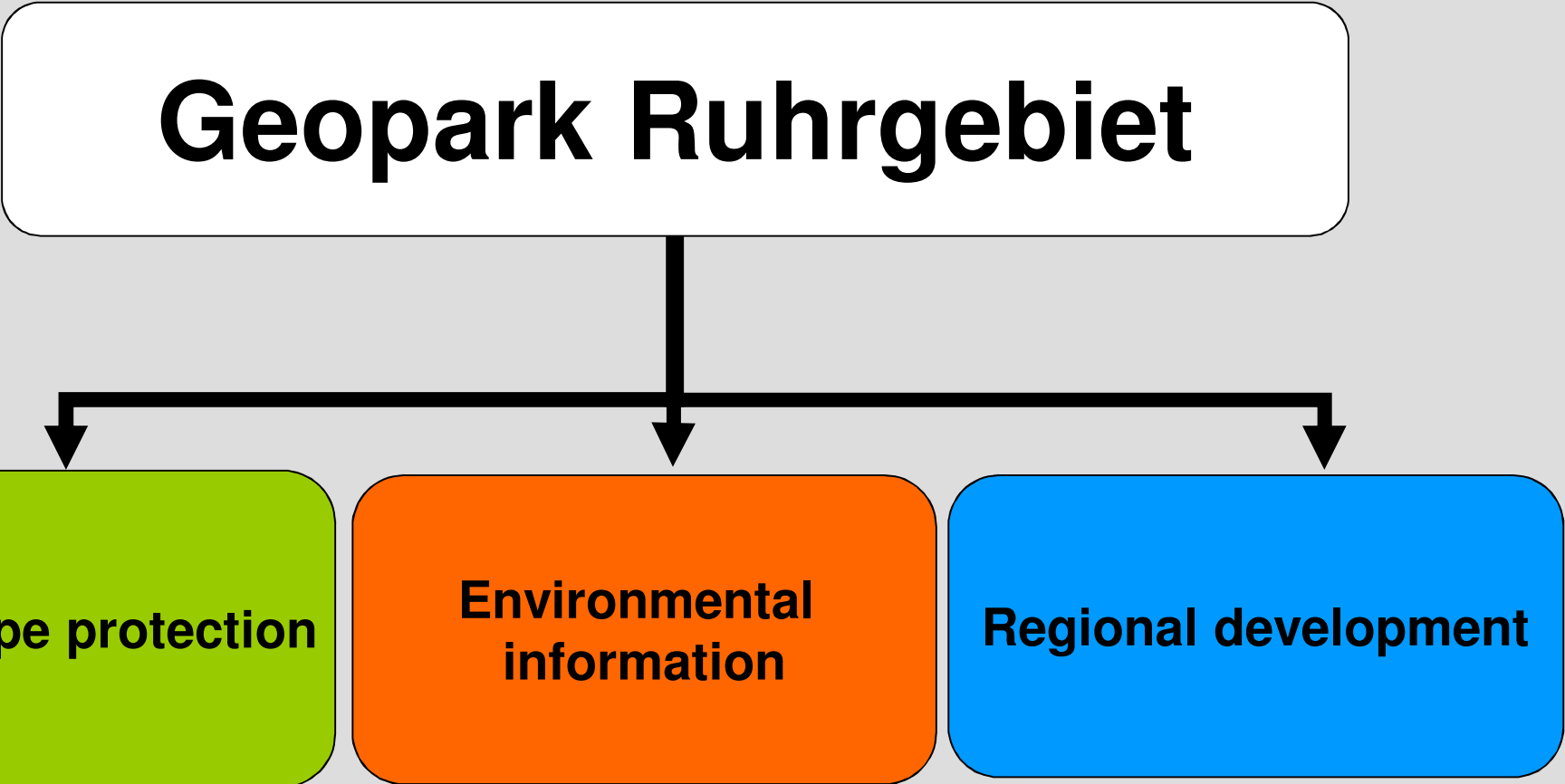
Urlaub, der bewegt.

www.wikinger.de

www.geopark-ruhrgebiet.de

Our fields of action:

Geopark Ruhrgebiet



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graph TD; A[Geopark Ruhrgebiet] --> B[Geotope protection]; A --> C[Environmental information]; A --> D[Regional development];
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Geotope protection

**Environmental
information**

Regional development

Geotope protection



Taking care of geotopes: cooperating with cities, Geopark-AG

Environmental information

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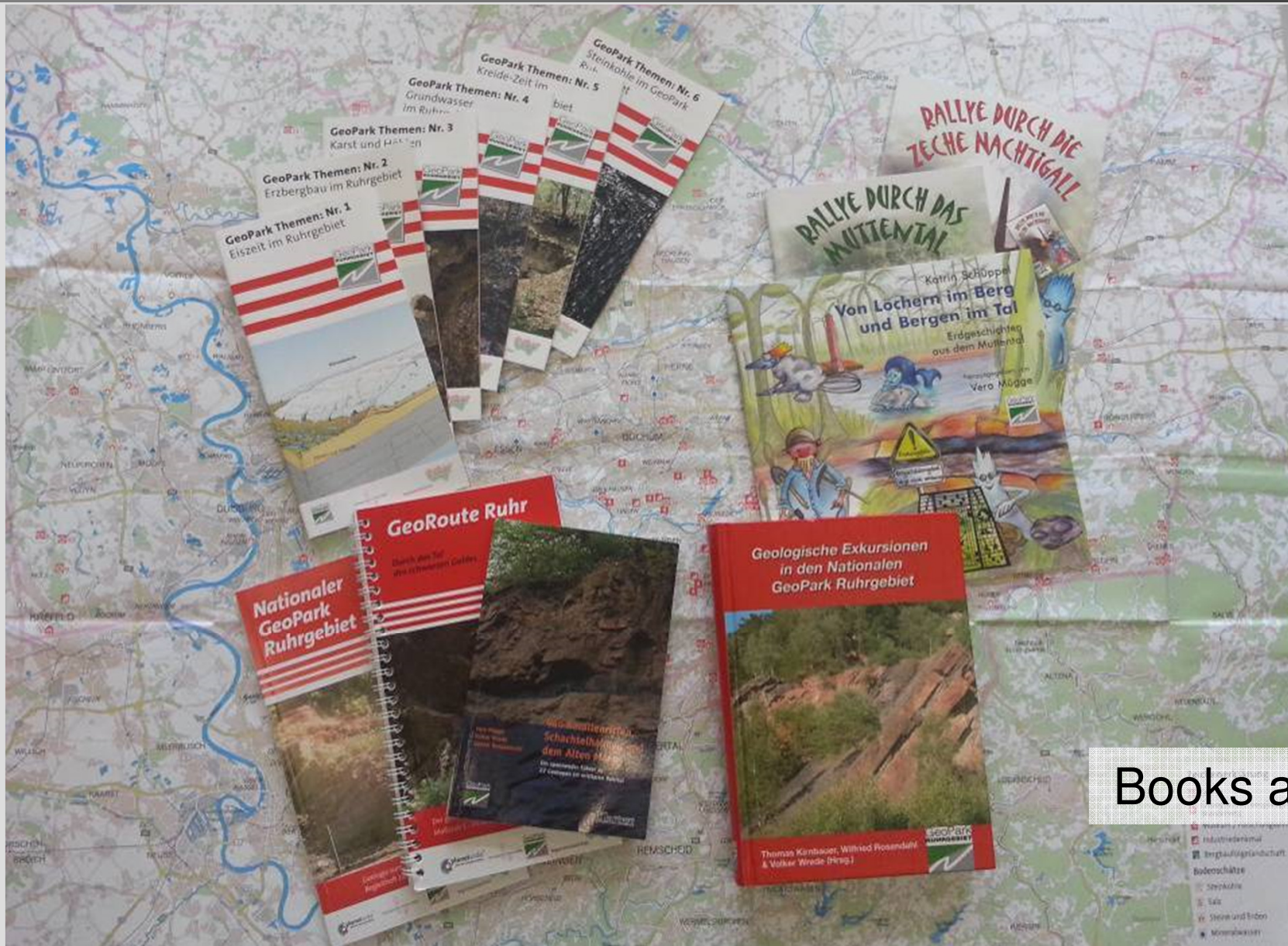


Information boards and installation on the spot

Environmental information

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Books and maps

Regional development

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Cooperating with tourism enterprises
superbly trained tour guides



A preview of your tour...

→ learning about the network



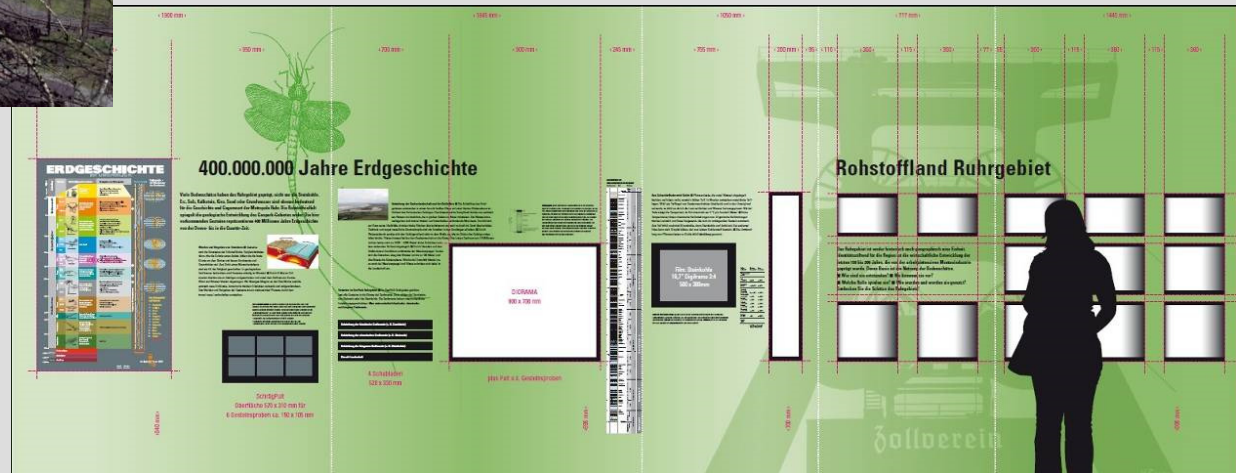
About your tour...



Coal mines of Nachtigall,
Witten

→ Michael Peters
(presentation)

→ exclusive insight:
Geopark information centre



History of mining in the Geopark



→ Coal industry in the Ruhrgebiet: from the 13th century to 2018



The “cradle” of the coal industry, Mitten valley

During your tour...



Over 40 museums in the Ruhrgebiet are networked in the Geopark....

Geopark's task:
preserving and outlining geological and mining collections

German mining museum, Bochum
→ Dr. Michael Ganzelewski
(presentation)
→ Guided visit of the mining site

During your tour...

Stadt Bochum

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Feeling geology in Bochum:

The **geological garden** with 17 information boards introduces “experienced” earth’s history... in the search of 200 million years (chalk and carbon)



After your tour...



Outlook: “2018” and then?

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**Regional reconstruction: the
Geopark as the Ruhrgebiet's “geo-archives”**

Thank you for your attention!

www.geopark-ruhrgebiet.de