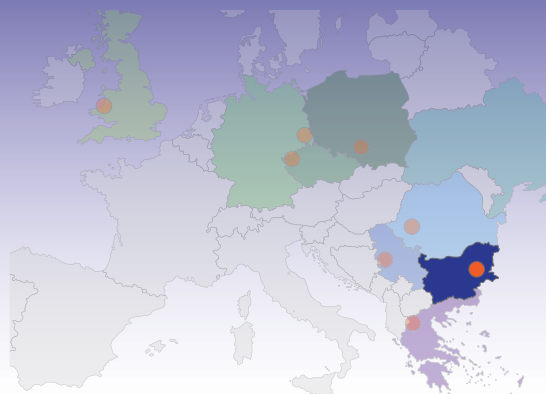


TARGET REGION
SOUTHEAST REGION
(BG34)

YUGOIZTOCHEN REGION

QUICK DATA & FACTS



MINING & GENERATION

Category	Yugoiztochen region
Type of mining	Lignite open cast mining 3 open mines: Troyanovo 1, Troyanovo 3, Troyanovo-North 4 TPPs: "Maritza East 2", "Contour Global Maritza-East 3" AD, "AES Galabovo" EOOD, "Brikel" EAD
Landscape area / mining district	19 664,2 km ² (four regions)
Land taken by mining & reclaimed	240 km ²
Coal production	30 337 319 t (2017)
Employees	11 150
Added value of lignite processing	N/A
Coal phase out	No phase-out under discussion

data source: Mini Maritza Iztok EAD, National Statistical Institute (2018)

SOCIO-ECONOMIC BASELINE (2017)

Category	Yugoiztochen Region	Bulgaria
Population	1 039 549	7 050 034
GDP per capita	12 538 BGN (6 410,58 Euro)	14 280 BGN (7 301,25 Euro)
Share of industry on GDP	46%	28%
Employees	299 701	2 308 129
Unemployment rate	7 % (11,9 % in 2012)	6,2 % (12,3 % in 2012)
Business start-ups at county level	14 % of the total active enterprises are start-ups	10,7 % of the total active enterprises are start-ups
Patents per 100,000 inhabitants at county level	0,233 (2012)	4,172 (2012)

data source: National Statistical Institute (2018), Eurostat

SMART SPECIALISATION STRATEGIES

Fields of action

- Utilization of local resources potential in a sustainable way
- Social cohesion and reduction of interregional disparities through investment in human resources and improvement of social infrastructure
- Territorial cooperation
- Balanced spatial development by strengthening of cities-centres, improving connectivity and the quality of environment in the settlements

Data source: MRDPW (2013)



Photos are taken from the websites of the Maritza East complex entities

CONTACT

Black Sea Energy Research Centre (BSERC)
7, Viktor Grigorovich Str., 1606 Sofia, Bulgaria

www.bserc.eu, office@bserc.eu, +359 2 9806854
Dr. Lulin Radulov, radulov@bserc.eu



WIP Renewable Energies, Germany
Rita Mergner, www.wip-munich.de

Centre for Renewable Energy Sources and Saving, Greece
Charalampos Malamatenios, www.cres.gr

Research Institute for Post-Mining Landscapes, Germany
Dirk Knoche, http://fib-ev.de

University of Strathclyde, UK
Sara Davies, www.strath.ac.uk

Black Sea Energy Research Centre, Bulgaria
Lulin Radulov, www.bserc.eu

Güssing Energy Technologies GmbH, Austria
Christian Doczeal, http://get.ac.at

The Association of European Renewable Energy Research Centres, Belgium
Grg Arrowsmith, www.aercc.be

ISPE DESIGN AND CONSULTING, Romania
Marian Dobrin, www.ispe.ro

EnergoProjekt ENTEL, Serbia
Miroslav Mesarovic, www.ep-entel.com

Coal Energy Technology Institute, Ukraine
Igor Volchyn, www.ceti-nasu.org

University of Agriculture in Krakow, Poland
Marcin Pietrzykowski, www.ur.krakow.pl

Welsh Government, United Kingdom
Trygve Rees, https://gov.wales

Charles University, Czech Republic
Jan Frouz, www.cuni.cz

Czech University of Life Sciences Prague, Czech Republic
Marketa Hendrychova, www.czu.cz/en/

Jiu Valley Social Institute Association, Romania
Sabina Irimie, www.institutulsocial.ro

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 836819.

