



Black Sea Regional Energy Centre

The Black Sea Regional Energy Centre (BSREC) was established in Sofia, Bulgaria under the EC SYNERGY Programme in 1995, aiming at reinforcing the co-operation between the European Union and the Black Sea region countries in the energy sector as well as among the Black Sea countries themselves.

BSREC has 13 member-countries: Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, Moldova, Romania, Russian Federation, Serbia, Turkey, Ukraine, and The FYR Macedonia.

The Centre's core activity is targeted to promote the development and implementation of market oriented energy policy, encourage restructuring of the monopoly structures, liberalisation and privatisation activities, to support the energy efficiency and renewable energy projects. The Centre has established good connections, knowledge and experience in collaborating with public administration, research institutes, universities and enterprises in Bulgaria and the other countries from the Black Sea region. Since 2003 BSREC works mainly in the field of energy efficiency and renewable energy. Many projects dedicated to the identification of the potential of renewable energy sources, transfer of renewable energy technologies, removal of administrative and regulatory obstacles have been carried out by the Centre.

The project will essentially be implemented by:

- {tooltip}Dr. Lulin Radulov{end-texte}



Dr. Lulin Radulov, BSREC Director, is an electrical engineer, research professor and PhD in electrical engineering. He worked for years in the field of research: automation and development of means for improvement of reliability of power supply. He had positions of Senior Researcher and Deputy Director of the Research Directorate of Energoproject – Bulgarian Energy Research and Design Institute. For several years Dr. Radulov had parallel engagement with the Technical University of Sofia at positions of assistant and later - associate professor. In 1991 Dr. Radulov joined the Ministry of Energy at a position of head of division. In the period 1991 – 1994 he was two times minister of energy. The reform in the Bulgarian energy sector from central to market economy started in 1992 under his management. Since 1995, in his position of Director of BSREC – research centre encompassing members from Black Sea region countries (Albania, Armenia, Azerbaijan, Bulgaria, Georgia, Greece, the Former Republic of Macedonia, Moldova, Romania, Russia, Serbia, Turkey and Ukraine)- he is working on projects of common interest for the Black Sea region and Western Balkan countries in the field

of reliability of energy supply, reform of the energy sectors, establishment of a common energy market, energy efficiency, and renewable energy sources use deployment. During the latest 5 years Dr Radulov has been managing over 10 research projects funded by EU programmes – mainly FP5, FP6, FP7- and number of projects funded by IEE programme. Dr. Radulov is member of the Committee of Trustees of the Technical University of Sofia, Chairman of Bulgarian Energy Efficiency Fund and Advisor to Bulgarian Parliament. At Envirogrids project Dr. Radulov is responsible for developing scenarios for solar and wind energy potential in Bulgaria by 2050, comparison between the existing methods for measurement of the solar and wind energy potentials and the opportunities offered by GEOSS, and Development of suggestions for improvements in the existing framework {end-tooltip}, BSREC Director, is an electrical engineer, research professor and PhD in electrical engineering. Since 1995, in his position of Director of BSREC he is working on projects of common interest for the Black Sea region countries in the field of reliability of energy supply, reform of the energy sectors in compliance with EU regulations, energy efficiency and renewable energy sources. He has participated in more than 10 projects within FP5 and FP6, dedicated to renewable energy.

- Dr. Petko Vitanov obtained both M.Sc. and PhD in Physics. Dr. Vitanov is associate professor since 1986. Since 1993 he is the Director of the Central Laboratory of Solar Energy and New Energy Sources at the Bulgarian Academy of Sciences. Dr. Vitanov is an author and co-author of 145 papers that have been published in scientific journals and conference proceedings. He has worked on 5 European research projects within FP5 and FP6 in the field of solar energy.

- Mr. Plamen Ivanov is a researcher in the field of solar photovoltaics at the Central Laboratory of Solar Energy and New Energy Sources at the Bulgarian Academy of Sciences since 2001.

- Ms. Radostina Todorova is a researcher in the field of climatology. She has both B.Sc. and M.Sc. degrees in Physics (subject Meteorology) from Sofia University, and M.Sc. degree in Energy Economics. Since 2004 she is a PhD student at the National Institute of Meteorology and Hydrology at the Bulgarian Academy of Sciences.

Role in the project:

The main involvement of BSREC is within WP5, Task 5.4. Energy, where BSREC will be to: assess the wind and solar energy potential in Bulgaria; develop forecasts of the wind and solar energy potential in the country by 2050; compare the existing methods for measurement of the solar and wind energy potentials with the opportunities offered by GEOSS; and will develop (jointly with ITU) suggestions for both improvements in the existing framework and for future work. Additionally BSREC will be involved in WP6, Task 6.1 Building regional network of GEO partners.