GEO MILEV CAMPUS
SCIENTIFIC LABORATORIES

- Scanning electron microscopy
- X-ray analysis
- Spectroscopy
- Operando methods of study
- Catalytic technologies
- Spectral optical interferometry
- Thermochemistry
- Electrochemical technologies
- Texture Determination
- Inorganic Synthesis
- Organic and polymer synthesis
- Thin films deposition by magnetron sputtering
- Synthesis of 2D materials and nanolayers
- Chromatography
- Sensor properties investigations
- X-ray microscopy
- Additive technologies, functional coatings and components for mechatronic systems
- Mechanical tests and express diagnostics
- Hydrodynamic testing
- Electroplating and corrosionratory of X-ray analysis

GEO MILEV CAMPUS
BULGARIAN ACADEMY OF SCIENCES

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The main research activities Geo Milev campus are aimed at the development of green and efficient technologies ,which is of great importance for solving modern problems related to climate and clean energy. These are:

- Technologies for clean energy conversion and storage;
- Technologies for obtaining, purifying and storing hydrogen;
- Catalytic and sorption technologies in energy, transport and environmental protection;
- Creation of new functional materials through eco-friendly technologies;
- Technologies for incorporating waste products and materials from productions into other productions.

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Project BG05M2OP001-1.001-0008
National Center of Mechatronics and Clean Technologies
www.cemct.eu

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EUROPEAN REGIONAL DEVELOPMENT FUND

OPERATIONAL PROGRAMME
SCIENCE AND EDUCATION FOR SMART GROWTH

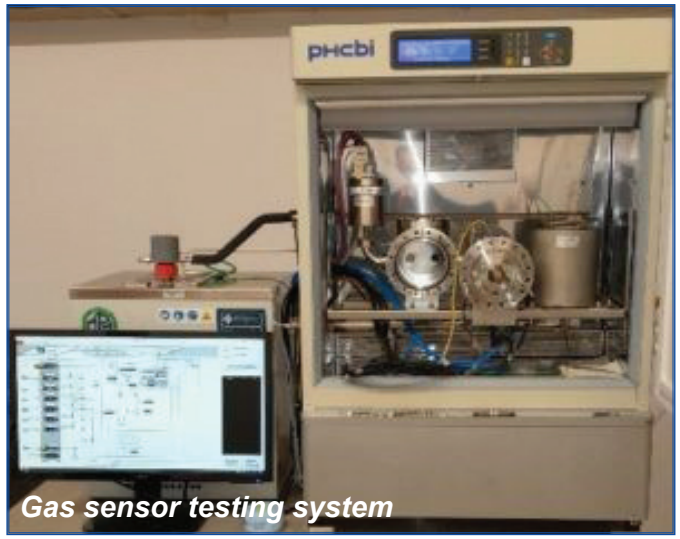
National Center of Mechatronics and Clean Technologies

GEO MILEV CAMPUS

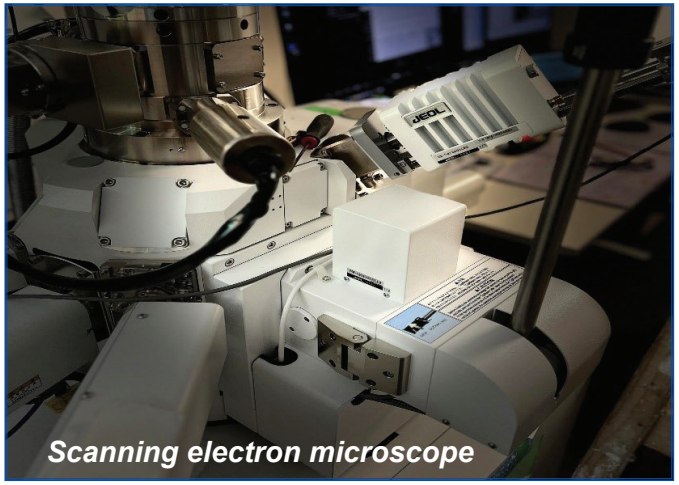
Laboratory complex BAS


Micro/nano DSC


Confocal laser scanning microscope.



Gas sensor testing system



Scanning electron microscope


Laboratory Reactor system

Glove box MBraun


Magnetron system


System for chemical vapor deposition