

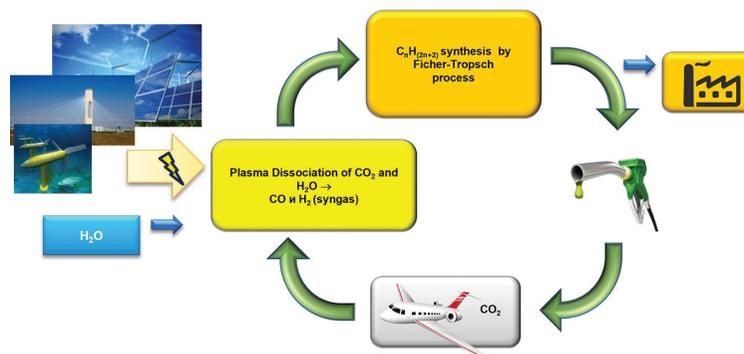
**LOZENETS CAMPUS
SCIENTIFIC LABORATORIES**

1. Laboratory of X-ray analysis;
2. Laboratory for synthesis and (electro) chemical characterization of metals and metal-containing compounds;
3. High-tech photonics product design laboratory;
4. Plasma technologies laboratory;
5. Laboratory for new detectors and creation of systems for intelligent process management;
6. Laser technologies laboratory;
7. Satellites and aerial systems observations laboratory;
8. Laboratory of foams, emulsions and porous materials;
9. Laboratory for development of new methods for characterization of surface energy and wetting;
10. Center for highly efficient calculations;
11. Functional disperse systems laboratory;
12. Electroacoustic studies of electrolytes laboratory;
13. Electron microscopy laboratory.

**LOZENETS CAMPUS
SOFIA UNIVERSITY „ST. KLIMENT OHRIDSKI“**

FACULTY OF CHEMISTRY & PHARMACY
1 James Bourchier Blvd.
1164 Sofia

FACULTY OF PHYSICS
5 James Bourchier Blvd.
1164 Sofia



Project BG05M2OP001-1.001-0008
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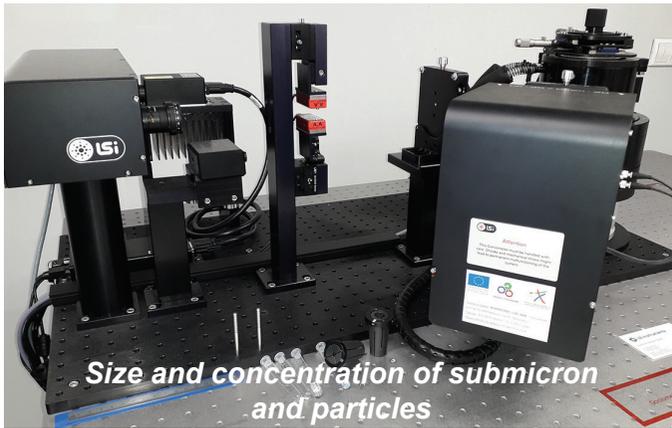


OPERATIONAL PROGRAMME
SCIENCE AND EDUCATION
FOR SMART GROWTH

**National Center of Mechatronics
and Clean Technologies**

Lozenets Campus

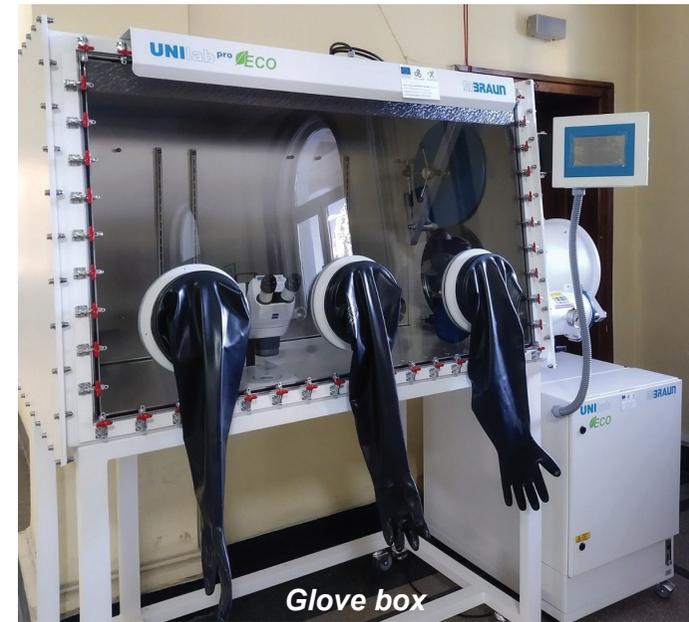




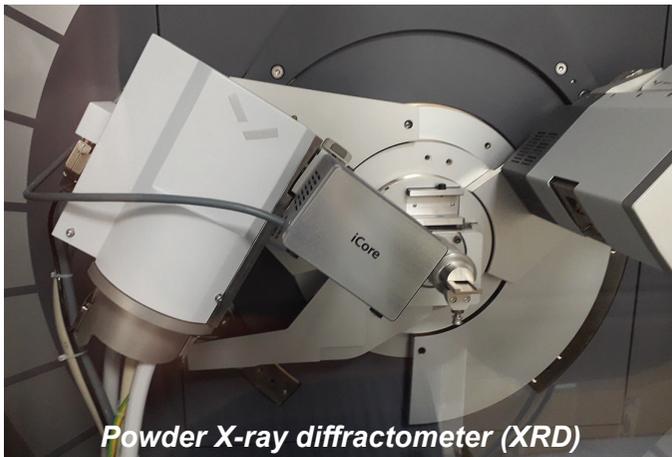
Size and concentration of submicron and particles



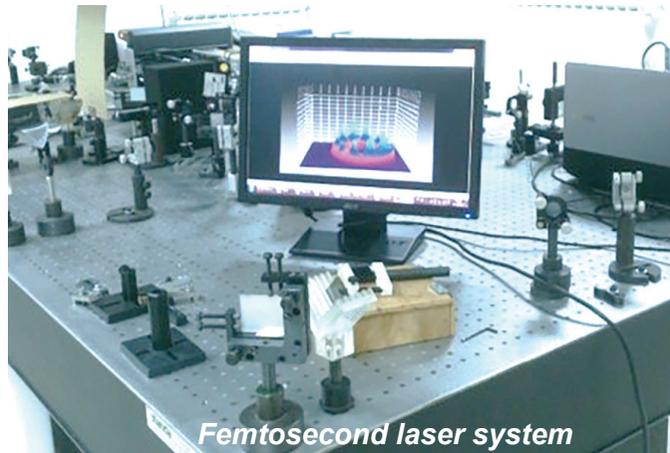
Server cluster for highly efficient calculations



Glove box



Powder X-ray diffractometer (XRD)



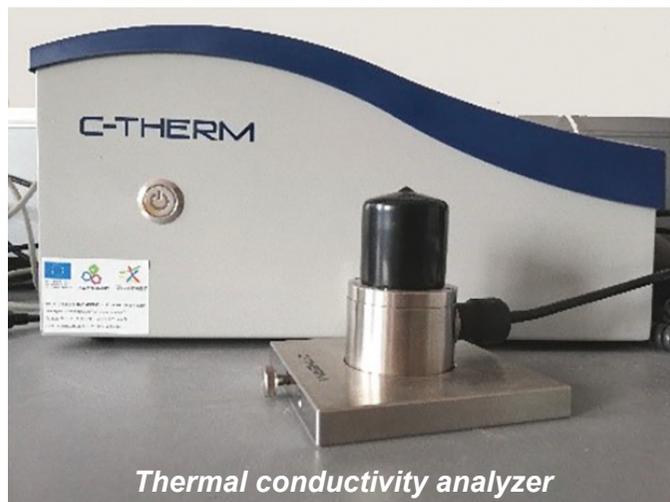
Femtosecond laser system



Plasma deposition of nanostructures



Surface tension



Thermal conductivity analyzer



DCS