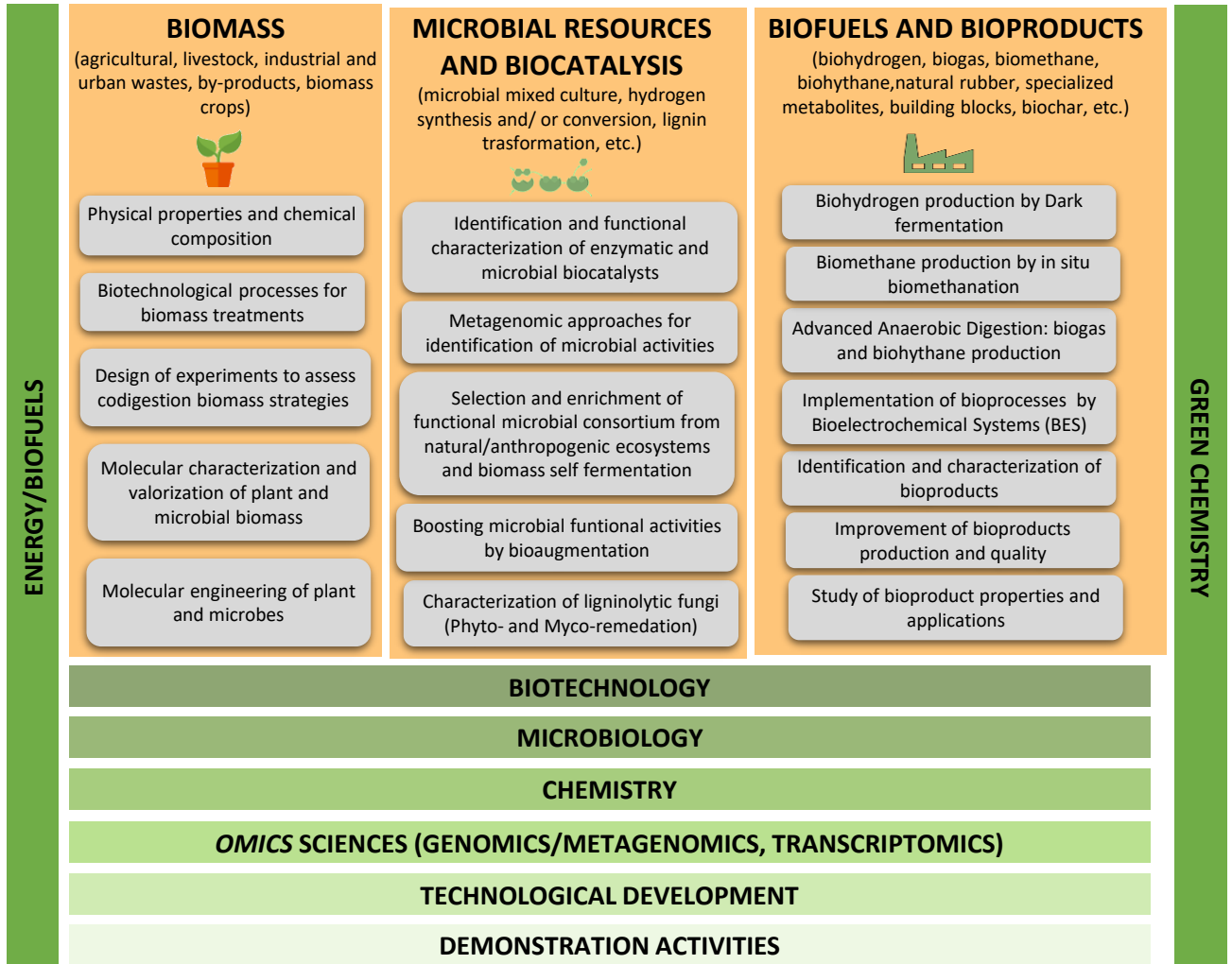


# Laboratory of Biotechnological Processes for Energy and Industry (PBE)

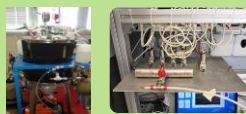
The laboratory carries out research, technological development and demonstration activities in the fields of production, transformation and valorization of biomass. The approaches range from the development of innovative conversion systems to the integration of advanced biotechnologies spanning from basic research to the design and build of prototypes and pilot plants.



## Platforms for bioprocess development and implementation



Biohydrogen production



Biomethane production



Advanced Anaerobic Digestion



Microscopy

## Molecular biology, biotechnology, omics technologies



High-throughput screening



Sequencing and bioinformatics



Expression analyses



Functional genetics



Plant science



Microbiology