



I am
CELISE



Kick-off meeting

Quick Roundtable: UC

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University of Cantabria - UC*

23rd November, 2021



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Index

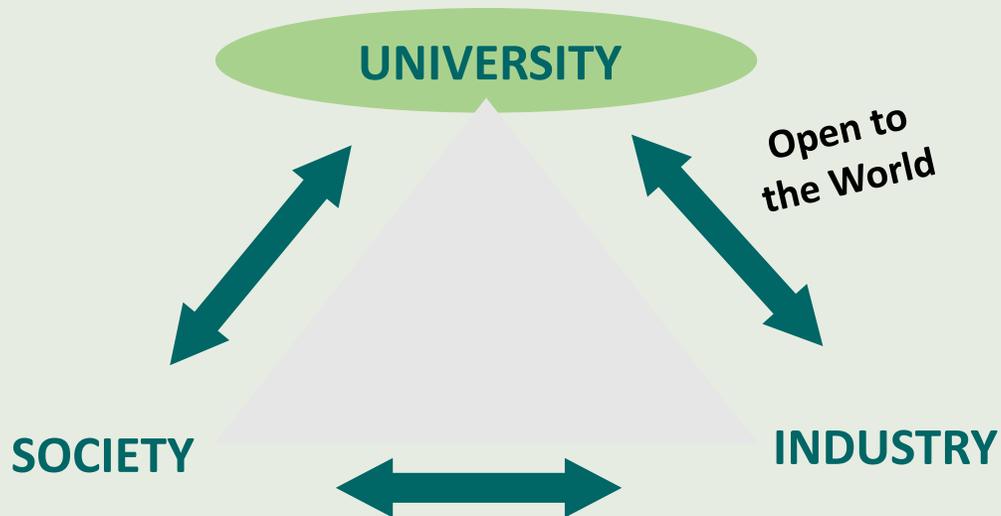
- University of Cantabria and GER research group
- Main expertise and capacities
- Interests in CELISE
- Key staff participating in CELISE



University of Cantabria

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- Modern public institution (1972)
- Aim: to contribute to social progress through a firm commitment to teaching and scientific excellence.
- It is one of the three universities in the Top 10 Spanish rankings (education and research quality).
- About 14,000 students and 1 to 10 ratio teachers/students





University of Cantabria

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<https://eunice-university.eu/>

European UNiversity for Customized Education

- 7 universidades
- 7 países, 7 lenguas
- 49 miembros asociados



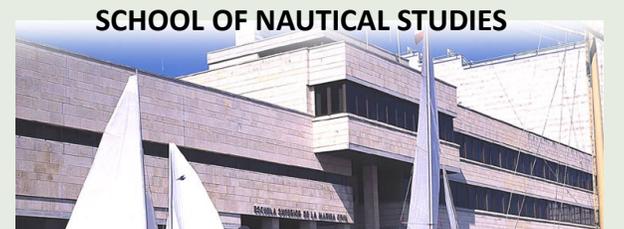
3/24/2021 | 5



GER research group

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- Green Engineering and Resources (GER) <https://geruc.es/>
- Residues to Resources, Environmental Information Management and Decision Support Tools, Simulation, Modelling and Optimisation
- 8 teachers
- Collaboration: academy, industrial sector and administration





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Main expertise and capacities

- Characterisation of biomass raw materials and products, including HPLC, FTIR
- Pre-treatment of biomass materials: hydrolysis, Deep Eutectic Solvents
- Processes of pyrolysis;
- Simulation and optimisation of chemical processes by ASPEN, GAMs;
- Stakeholder needs analysis, multicriteria analysis data;
- Design of hydrolysis pilot plants;
- Sustainable processes;
- Pulp and paper and artisan sector collaboration;
- Educational programmes (Senior, outreaching, training).





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Interests in CELISE

- Best and simple characterisation methods
- Best pre-treatment of biomass materials for rural and vulnerable areas
- Profitable solutions in these areas
- Artisan sector collaboration
- Educational programmes
- Future collaborations with the rest of partners



Key staff participating in CELISE

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From the Green Engineering and Resources (GER) <https://geruc.es/>



PIs of the project (technical)

Prof. Alberto Coz

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Dr. Tamara Llano

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Hydrolysis

Prof. Josefa Fernández

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Simulation and optimisation

Dr. Gema Ruiz

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Prof. Berta Galán

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Biomass simulation

Dr. Cristina Rueda

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Key staff participating in CELISE

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From the European and International Project Office

Project Assistants (financial):

María Herrero Gómez

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Dr. Cătălin Tîrnuacă

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- Unit of the Vice-chancellorship of Research and Science Policy, created in 2010 to boost and manage participation of UC R&D groups in EU and international projects.
- 7 persons of different backgrounds assist international consortia in proposal preparation, contract negotiation, project management and communication flow.
- Participated in 159 European projects: 53 FP7, 65 H2020 and 41 in other European schemes.
- Manages around 2.5 Million € in new projects each year.
- Experience in coordination: among others (FP7, LIFE+, INTERREG/SUDOE), 5 Marie Skłodowska-Curie Actions from which one RISE: BIOTRAFO, GA n° 823969, <https://www.biotrafo.unican.es/> .



Key staff participating in CELISE

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Other collaborations

- BIOPLAT



- DINAMO



- BESARTE



- Artistic Organisations in Cantabria and Basque Country



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