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CELISE 2022 meeting

Quick Roundtable: Latitud

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Latitud, Uruguay

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Latitud

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- Latitud is the Foundation of the Technological Laboratory of Uruguay (LATU), oriented to the planning and execution of Research, Development and Innovation (R+D+i) projects.
- <https://latitud.org.uy/>





Main expertise and capacities

- Food
- Environment and water
- Sustainable bioeconomy
- Biorefinery
- Wood technology





Main expertise and capacities

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- Biorefinery

- The forest bioeconomy chain offers high potential to diversify the industrialization of sustainably produced lignocellulosic biomass.
- The transformation of the entire resource into a biorefinery scheme and the incorporation of a circular economy strategy maximizes the efficiency of the processes and contributes to economic growth and environmental sustainability.
- Lignocellulosic biomass can be transformed to obtain alcohols, organic acids, chemical precursors and an infinity of alternative bioproducts to biomass.
- At Latitud we promote the competitiveness of the value chain through R+D+i projects, incorporating innovative technologies and processes to take advantage of highly available forest resources.



Interests in CELISE

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- Biomass characterization
- Pre-treatment (steam explosion)
- Modelling and simulation



Key staff participating in CELISE

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Dr Fernando Bonfiglio



Dr Silvia Böthig