

## Registration

The workshop is open to all participants of the Biorefineries Congress. To register, please download the registration form at [www.biorrefinerias.cl/registration](http://www.biorrefinerias.cl/registration) Complete and send it to [c.poblete@udt.cl](mailto:c.poblete@udt.cl) Places are limited.

## Contact

### Contact at Technological Development Unit (UDT)

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## Language

The workshop will be held in English language.

## Venue

**Sonesta Hotel Concepción**  
Calle A no. 809 Brisas del Sol  
Room Talcahuano 1  
Talcahuano, Chile

☎ +56.41.2109500  
✉ [reservas@sonestaconcepcion.cl](mailto:reservas@sonestaconcepcion.cl)



The hotel is located approximately two miles from the Carriel Sur Airport.

# Sustainable use of biomass in Chile

**Workshop**  
**November 25<sup>th</sup>, 2015**  
**Biorefineries Congress**  
**Concepción, Chile**

## Organisation



## Partners



## About the workshop

Goal of this workshop is to discuss various aspects of sustainable use of biomass in Chile and beyond. This includes – but is not limited to - the assessment of sustainable biomass potentials, current and emerging conversion technologies as well as use concepts, in particular those dealing with the challenges regarding biomass logistics due to biomass characteristics (high water content, low bulk density). Moreover, future research topics, such as the social dimension of biomass use and the current German-Chilean project SeMoBioEnergy will be presented.

Besides technical discussions, the workshop offers a platform for exchange with regard to biomass use in Chile, in particular between Chilean and German researchers as well as other professionals from politics, administration and the industry. The idea of partnering and cooperation between Germany and Chilean biomass experts is at the core of the workshop.

## Program (preliminary)

### 13:00 -14:00 Lunch

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### 14:00 – 14:20: Key Note

#### Sustainable use of biomass

Dr. Alex Berg, Unidad de Desarrollo Tecnológico (UDT), UdeC

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### 14:20 – 15:00: Biomass potentials in Chile

#### Biomass potentials from forests in Chile

Prof. Dr. Patricio Carey, Universidad Austral de Chile (UACH) [requested]

#### Biomass potentials from agricultural residues in Chile

Prof. Alfredo Erlwein Vicuña, Universidad Austral de Chile (UACH) [requested]

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### 15:10 – 15:30 : Break

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### 15:30 – 16:10: Biomass conversion

#### Techno-economic assessment of biomass conversion technologies

Prof. Dr. Magnus Fröhling, Professorship of Business Administration, esp. Resource Management, TU Bergakademie Freiberg [requested]

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#### Biomass conversion technologies

Dr. Cristina Segura or Dr. Luis Ernesto Arteaga Unidad de Desarrollo Tecnológico (UDT), UdeC

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### 16:10 – 16:50: Decentralized energy concepts

#### Semi-mobile pretreatment options for biomass conversion

Dr. Robert Daschner, Fraunhofer-Institut für Umwelt-, Sicherheits- und Energietechnik UMSICHT

#### The Bioliq concept

David Steinbach, Institute of Catalysis Research and Technology (IKFT), KIT

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### 16:50 – 17:30: Future research topics

#### Presentation of the project “Semi-Mobile Bioenergy from Agricultural and Forest Residues in Chile and Beyond” (SeMoBioEnergy)

Prof. Dr. Frank Schultmann, Tobias Zimmer, Institute for Industrial Production (IIP), KIT

#### Social aspects of biomass use

Kira Schumacher, Institute for Industrial Production (IIP), KIT