



Cardiff Business School  
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# GiroZero International Academic Symposium

Strategies and tools for energy efficiency in Road Freight Transport.

The value of data

*Date:* January 25<sup>th</sup>, 2023 *Time:* 8:00 – 17:00

*Place:* Auditorium, Uniandinos Calle 92 #16-11 Bogotá, Colombia

## Motivation

To share and discuss the results of Latin American Research on reducing emissions in Road Freight Transport using big data.

## Organisers

Universidad de los Andes, Colombia & Universidad Nacional Andrés Bello, Chile

## Program at a glance

08:00 Welcome

08:15 Keynote: **Global Trends, Challenges and Opportunities for Sustainable Road Freight Transport**

09:15 Panel **Training and Capacity Building** for drivers in Latin America

10:30 Coffee – Break

11:00 Panel regional experiences in **Pilot Testing and Technology Validation**

12:15 Lunch

13:30 Panel current trends and innovative solutions in **Big Data and Data Analytics** towards the decarbonisation of Road Freight Transport

14:45 Coffee – Break

15:15 Panel **Key Performance Indicators** towards harmonising the emissions calculation for Road Freight Transport

16:30 Closing



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## Agenda

### 8:00 *Welcome*

Gordon Wilmsmeier, Project Director, Kühne Professorial Chair in Logistics, Universidad de los Andes, Colombia

Julio Villalobos, Director, Centre of Transport and Logistics, Universidad Nacional Andrés Bello, Chile

Wessam Abouarghoub, Professor, Cardiff University, United Kingdom

### 8:15 *Keynote Global Trends, Challenges and Opportunities for Sustainable Road Freight Transport*

Keynote Speaker: Buddy Polovick, Director, SmartWay, USA

### 9:15 *Panel Training and capacity building for drivers in Latin America*

Moderator: Juan Pablo Bocarejo, Professor, Universidad de los Andes, Colombia

Panellist:

- Leticia Pineda, Regional Lider, ICCT, USA
- Matias Vera, Coordinator, Giro Limpio, Chile
- Hugo Enrique Sáenz Pulido, Deputy Director of Air Quality, District Secretariat of Environment, Bogotá, Colombia

### 10:30 *Coffe break*

### 11:00 *Panel regional experiences in pilot testing and technology validation*

Moderator: Julio Villalobos, Director, Centre of Transport and Logistics, Universidad Nacional Andrés Bello, Chile

Panellists:

- Andres Bronfman, Academic Director, Centre of Transport and Logistics, Universidad Nacional Andrés Bello, Chile
- Javier Rivera Briones, Innovation and Prospective Professional, Fundación Conecta Logística, Chile
- Anabella Ruiz, Energy Efficiency Coordinator, Renewable Energy Directorate of the Secretariat of Energy, Argentina



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*12:15 Lunch*

*13:30 Panel current trends and innovative Big Data and Data Analytics solutions towards the decarbonisation of Road Freight Transport.*

Moderator: Gordon Wilmsmeier, Project Director, Kühne Professorial Chair in Logistics, Universidad de los Andes, Colombia

Panellists:

- Carlos Suárez, Director, Innovation Productivity and Logistics Institute, Universidad San Francisco de Quito, Ecuador
- Gerardo Heckman, Professor, Universidad Nacional de Córdoba, Argentina
- Martin Tanco, Dean of the School of Engineering, Universidad de Montevideo, Uruguay
- Michelle Rodríguez, Professor, Universidad del Pacífico, Peru

*14:45 Coffee break*

*15:15 Panel Key Performance Indicators towards harmonising the emissions calculation for Road Freight Transport.*

Moderator: Wessam Abouarghoub, Professor, Cardiff University, United Kingdom

Panellists:

- Gordon Wilmsmeier, Project Director, Kühne Professorial Chair in Logistics, Universidad de los Andes, Colombia
- Agustina Calatayud, Transport Lead Specialist, Transport Division, Interamerican Development Bank, Colombia.
- Jorge Tesler, Advisory Council member, Smart Freight Center, Netherlands.
- Buddy Polovick, Director, SmartWay, USA

*16:30 Close*

## **Invited Institutions**

Universities from Ecuador, Brazil, Peru, Colombia, Argentina, Mexico, and Uruguay



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