



# ENERGY TRANSITION ACADEMY

LATIN AMERICA AND THE CARIBBEAN

## ORGANIZE



UNO.CINCO°



ORGANIZACIÓN  
LATINOAMERICANA  
DE ENERGÍA



UNIVERSIDAD DE CHILE  
Instituto de Estudios Internacionales

## COLLABORATE







**FREE AND CERTIFIED  
COURSE WHERE YOU WILL  
LEARN ABOUT THE ENERGY  
TRANSITION IN LATIN  
AMERICA AND THE  
CARIBBEAN**

**LEADING EXPERTS IN ENERGY  
WILL DELIVER OUR  
COMPREHENSIVE ACADEMIC  
PROGRAM, PROVIDING OUR  
STUDENTS WITH UNIQUE  
TECHNICAL SKILLS**





# Course Details

## 1 Format

Each session lasts 90 minutes and consists of two lecture classes, which include a space for questions and answers.

## 2 Duration

The academic program classes last 7 weeks, with a total of 12 chronological hours distributed over 8 sessions.

## 3 Quotas

We strive to offer the best opportunities to ensure high participation. Therefore, we have established a large number of slots: although there will only be 300 selected as participating students, the number of slots for listening participants is even greater.

## 4 Countries

There are no nationality restrictions, as long as the applicant resides in or has nationality of a Latin American and Caribbean country. Our course only requires that students master one of the three translation languages: Spanish, Portuguese, or English.

## 5 Languages

We offer simultaneous translations into **Spanish, Portuguese,** and **English** for each class of the course.

## 6 Ages

The course aims to cover the following age range:  
18-25 = 30%  
26-35 = 55%  
36 o más = 15%

## 7 Outcome

Our students participate in the preparation of an illustrated report, in which they analyze the state of the energy transition and public policies, focusing on the Nationally Determined Contributions (NDCs) of their countries.

## 8 Dates

Classes will be held from September 26 to November 14. Reinforcement meetings will be from October 14 to November 11, and the final project meetings will take place from November 18 to December 9.

# What is it?

The Latin America and the Caribbean Energy Transition Academy is a free course aimed at people interested in the energy sector from the age of 18, with no upper age limit. Upon completion of the program, participants will receive a certificate of participation awarded by the University of Chile.

# For what?

The objective is to develop technical and theoretical skills by enhancing knowledge about the energy transition in Latin America. Additionally, it aims to prepare a diverse audience for the process of updating the Nationally Determined Contributions (NDCs) in the region's countries, inviting the active participation of citizens in the energy transition.



# MOTIVATION

Latin America and the Caribbean face a crossroads in their energy landscape, characterized by a deep-rooted dependence on fossil fuels that has accentuated environmental and climatic challenges in the region.

Despite its wealth of natural resources such as solar radiation and wind energy, the current energy matrix has contributed to significant greenhouse gas emissions, extreme weather events, and biodiversity loss, highlighting the urgent need for a transition to more sustainable energy sources.

Key challenges include the lack of specialized technical capacities in energy transition, resistance to change in traditional sectors, and gender inequality in the energy field.

Updating the **Nationally Determined Contributions (NDCs)** is seen as an essential step to meet international commitments, such as the Paris Agreement, and align national policies with global climate goals.

In response to these challenges, the Energy Transition Academy emerges as an ambitious initiative that aims to train actors in the region, with the goal of equipping a diverse audience with updated technical knowledge, empowering and promoting citizen participation, and ensuring gender equity representation in energy transition policies, especially in the NDC update process with a focus on energy.

# DESCRIPTION OF THE ACADEMY

The Latin America and the Caribbean Energy Transition Academy (ATE LATAM & C) aims to bring the energy sector closer to youth, civil society, professionals, and anyone interested, with the goal of generating capacities from an early stage with a comprehensive and long-term vision, while also fostering critical thinking among students.

ATE LATAM & C seeks to facilitate and enhance environmental information and education in Latin America and the Caribbean to achieve greater collective actions against climate change and sustainable development.

This program aims to review the various aspects that influence or affect the energy transition, such as economic, technological, social, innovative, and political fields, generating in students a critical attitude towards energy development in the region and their countries.

Regarding the academic program, each of the 8 sessions lasts 90 minutes and consists of two classes taught by leading professionals in the field, allowing space for questions and answers. Additionally, our students will have 4 reinforcement meetings aimed at inducing the analysis of the academic program topics and discussing their medium and long-term developments. They will also have 4 meetings to develop the final course project, related to an analysis of the energy transition and its public policies, focusing on the Nationally Determined Contributions (NDCs) and their mention in energy.

At the end of the course, an illustrated report is generated that compiles all the group works prepared by our students and a summary of the 13 classes given in the sessions, with the aim of disseminating knowledge related to the energy transition in the region.



# OBJECTIVES

## Main Objective

The main objective of ATE LATAM & C is to empower people to get involved in the various factors and aspects related to the energy transition, creating a comprehensive environment of reflection and learning among students about the development of this transition, considering environmental, technical, economic, and, above all, social factors, seeking to accelerate fair climate action in the region and the world.

## Specific Objectives

- 1 Greater awareness and understanding of the importance of the energy transition.
- 2 Increased technical capacities to contribute to citizen participation in public policies, especially in the NDC update process.
- 3 Active participation and ongoing commitment to energy and environmental decision-making.
- 4 Significant contribution to promoting gender equity in the energy field, especially in empowering the leadership of women professionals in the energy sector.

## 5 Highlighted Objective

ATE LATAM & C seeks for its students to build connections among themselves, providing them with the opportunity to start or enhance their work in the energy transition, fostering collective awareness and commitment.





## Additionally...

Our goal is not only to address current deficiencies in the region but also to position Latin America and the Caribbean, in terms of energy transition, as a key region in building a more sustainable, resilient, and just energy future.



### Critical Thinking and Innovation

Analytical thinking and innovation: ability to identify and solve problems of different natures and magnitudes, offering original, more efficient, and effective solutions that significantly impact learning resources and participants' achievements.

### Leadership and Social Influence

Ability to communicate identified problems, apply new solutions, and lead a team in the transformation process, promoting new practices that are environmentally responsible and efficient in resource utilization.





# Why apply to the academy?

## DIFFERENTIAL VALUE



### Certificate

Course with a participation certificate awarded by the prestigious University of Chile. Validate your knowledge and skills in the energy field, enhancing your credibility and professional appeal.



### Free

The academy is completely free, we only need your commitment and passion for energy.



### Focus on youth

85% of our slots are allocated to young people between 18 and 35 years old, while 15% are available with no upper age limit.



### Simultaneous translations

All classes, whether taught in Spanish, Portuguese, or English, have simultaneous translation into these languages.



### Academic program

A comprehensive academic program that covers a wide spectrum of the energy transition. It is a great opportunity to learn about this key topic.



### Experts in the subjects

Professionals representing renowned institutions related to the energy world will deliver the classes of the academic program.



### High-level discussion panel

Renowned panelists, framed in the topics covered in the classes, will allow you to reason with the knowledge acquired in the context of the transition challenges presented in the panel.



### Creation of an energy transition book

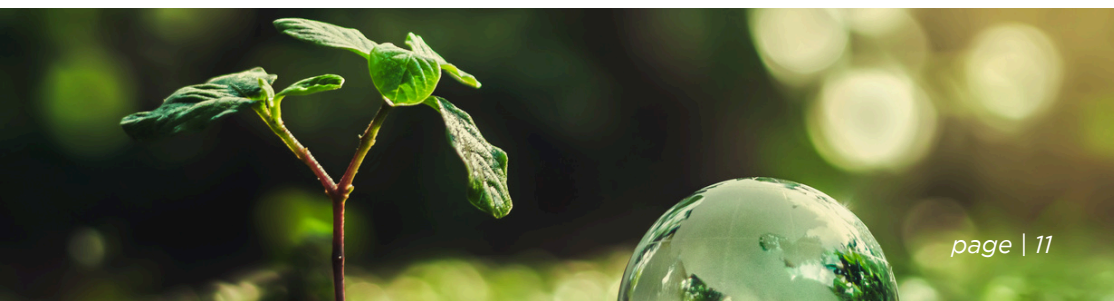
As a result, you will be a co-author of an illustrated book on energy transition.



### Networking: key differential (for participant category)

A unique opportunity to establish contacts with professionals and leaders in the energy sector at regional and international levels, boosting your career and expanding your professional network.

\*Participation certificate issued by the University of Chile is only for the "participating students" category, for more reference see page 24.







## Why an Energy Transition Academy in Latin America and the Caribbean in 2024?

## Development Context



### COP30 in Brazil 2025

A COP in Latin America, after 11 years, presents an opportunity to promote active participation, especially of young professionals and women, in decision-making related to energy policy and climate action.



### NDC Update Process

In light of this update process, the need arises to provide technical training that allows civil society to understand, analyze, and contribute to the NDCs update of their own countries on energy-related issues.



### Latin America: Region with key resources

Key minerals such as copper, lithium, and energy sources like green hydrogen, natural gas, and renewables give Latin America a leading role, but at the same time can jeopardize its fair energy transition.



### Developing capacities in Energy Transition in Latin America

Many challenges and capacity needs, multisectoral and intergenerational, that arise around the energy transition can be addressed by facilitating the understanding and appropriation of key energy-related topics.

## When?

The academy consists of 7 sessions of 90 minutes each.

Each session will have 2 classes of 40 minutes each, totaling 13 classes and 1 panel.

The sessions will take place every Thursday of the week (except for Wednesday, November 30) from 09:00 am to 10:30 am (UTC-5 / Quito Time).

## Academic Program

Session	Date	Classes	Organization and Speaker
0	Thursday 26/09	Class 0 Energy Literacy	C0 Uno.Cinco: Benjamín Carvajal y Paz Correa Agencia Pólux: Fernanda Varela
1	Thursday 03/10	Class 1 Introduction to Energy	C1 Institute of International Studies University of Chile: Juan Enrique Serrano
		Class 2 Energy and Climate: Net Zero Emissions	C2 International Energy Agency (IEA): Diana Pérez
2	Thursday 10/10	Class 3 Just Transition: Gender	C3 Latin American Energy Organization (OLADE): Gloria Alvarenga
		Class 4 Just Transition: Indigenous and Local Communities	C4 Latin American Energy Organization (OLADE)
3	Thursday 17/10	Class 5 Energy Production and Transmission	C5 International Energy Agency (IEA): Javier Jorquera
		Class 6 Transportation	C6 Latin American Energy Organization (OLADE)



# Academic Program

Session	Date	Classes	Organization and Speaker
4	Thursday 24/10	Class 7 Energy Efficiency	C7 Sustainable Energy for All (SEforALL): Rosa García
		Class 8 Critical Minerals	C8 Latin American Energy Organization (OLADE): Gastón Siroit
5	Wednesday 30/10	Class 9 Industry, Hydrogen, and Low Emission Fuels	C9 International Energy Agency (IEA): Amalia Pizarro
		Class 10 Energy and Economy: Investment and Subsidies	C10 CAF Bank
6	Thursday 07/11	Class 11 Energy Access and Energy Poverty	C11 Energy Poverty Network (RedPE): Anahí Urquiza
		Class 12 Public Policies for the Energy Transition	C12 Latin American Energy Organization (OLADE): Guido Mauilini; Fabio García
7	Thursday 14/11	High Level Panel	Executive Director OLADE, Andres Rebolledo/ Ministers of LATAM and the Caribbean

## Time

Between September 26th and November 14th

07:00 - 08:30 (UTC-6)			
08:00 - 09:30 (UTC-5)			
09:00 - 10:30 (UTC-4)			
10:00 - 11:30 (UTC-3)			
11:00 - 12:30 (UTC-2)			

**Disclaimer:** some country schedules may change due to daylight saving time, such as Chile and Paraguay

**Chile:** Changes to daylight saving time on the first Sunday of September 2024, moving forward one hour.

**Paraguay:** Changes to daylight saving time on the first Sunday of October 2024, moving forward one hour.



# Academic Staff



**JUAN ENRIQUE  
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Academic  
Coordinator Master's  
in International  
Strategy and Trade  
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**ROSA GARCÍA  
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Technical Advisor



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(OLADE)**

Chief of Staff



**FABIO GARCÍA  
(OLADE)**

Associate Specialist





# How?

The Academy will implement a participatory educational approach, combining theoretical sessions, group debate meetings, and the execution of a final project.

Digital resources such as Zoom and YouTube Live, online learning platforms, and renowned experts will be used to provide updated and relevant information on the energy transition.

## Methodology

### Languages

Spanish

Portuguese

English

To ensure access to these three languages, simultaneous translation services will be offered in all sessions.

### Meetings

4  
reinforcement  
meetings

Among  
students of  
various  
nationalities.

Exchange of opinions  
on the classes.  
Support material:  
complementary  
readings and  
proposed exercises.

4 final project  
meetings

Among  
students of the  
same  
nationality.

Development of a  
final project: analysis  
of the state of the  
energy transition  
focusing on public  
policies such as the  
NDCs, or a  
comprehensive  
summary of one of  
the classes.

### Sessions

Each session consists of 2 classes.

8 sessions

Each session lasts  
90 minutes.

13 classes

Each class lasts 40  
minutes.

All sessions will be  
held online, broadcast  
simultaneously via  
Zoom and YouTube  
Live.



# Categories

The program has two types of students:

**Participant Students:** go through an application and selection process. They receive a participation certificate issued by the University of Chile upon fulfilling 80% attendance to classes, 80% attendance to group reinforcement meetings, and final project meetings, as well as correctly developing the final project. In these meetings, they are guided by a facilitator member of the ATE LATAM & C coordination team.

**Listener Students:** go through a registration process and participate as listeners in all classes. They receive a certificate of attendance upon answering a brief final test on the energy transition. Many spots are available for this modality.

## Types of Students

Category	Spots	Characteristics	Type of Certificate	Certification Requirements
Participant Students	300	Go through an application and selection process.	Participation Certificate.	80% de asistencia a clases.
		Develop a final project.		80% de asistencia a reuniones grupales de reforzamiento.
		Meet with other students to develop the final project and for academy reinforcement.		80% de asistencia a reuniones grupales de proyecto final .
		Have a facilitator guiding their meetings.	Graduation Certificate.	Correctly submit final project 'Country Energy Profile Report' / 'Class Summary'
		Students with the possibility to participate and interact in the classes.		
		Join sessions via Zoom.		
Listener Students	Unlimited	Go through a registration process.	Participation Certificate.	Answer a brief final test on the energy transition.
		Listener students in the classes.		
		Join sessions via YouTube Live.		

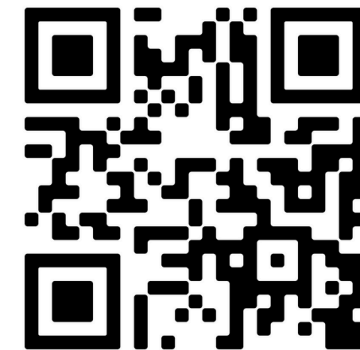


# Schedule

	September		October				November				December	
Activity	23 29	30 06	07 13	14 20	21 27	28 03	04 11	11 17	18 24	25 01	02 08	09 15
Sessions	S0	S1	S2	S3	S4	S5	S6	S7				
Reinforcement Meetings				R1	R2		R3	R4				
Final Project Meetings							PF 1	PF 2	PF 3	PF 4		

S0	Class 0	Thursday	26	September
S1	Classes 1 and 2	Thursday	03	October
S2	Classes 3 and 4	Thursday	10	October
S3	Classes 5 and 6	Thursday	17	October
S4	Classes 7 and 8	Thursday	24	October
S5	Classes 9 and 10	Wednesday	30	October
S6	Classes 11 and 12	Thursday	07	November
S7	Class 13	Thursday	14	November

Apply  
here!



[www.capevlac.olade.org](http://www.capevlac.olade.org)

# Frequently Asked Questions

Question	Answer
Who can enroll in the course?	The course is open to anyone interested in energy topics, with no age limit.
Do I need prior knowledge in energy to enroll?	No, the course is designed for all knowledge levels, from beginners to experienced individuals in the energy sector.
What is the duration of the course?	12 hours over 8 sessions starting Thursday, September 26th, and ending Thursday, November 14th.
How can I enroll in the course?	You can enroll by visiting the website <a href="http://capevllac.olade.org">capevllac.olade.org</a> and completing the registration form. You can also find the link on our social media <a href="https://twitter.com/uno.cinco_">@uno.cinco_</a> .
What topics are covered in the course program?	The program covers a wide range of topics, including renewable energy, energy efficiency, energy policies, technology, and sustainability.
Is the course entirely online?	Yes, the course is offered entirely online, allowing you to learn from anywhere.
Is there any cost associated with the course?	Yes, upon completion of the course, you will receive a certificate of participation issued by the prestigious University of Chile.
¿Hay algún costo asociado al curso?	No, the course is completely free.

# Frequently Asked Questions

Question	Answer
What should I do if I have technical problems or questions about the course?	You can contact our technical support team through the website for help with any technical issues and send a direct message to <a href="https://twitter.com/uno.cinco_">@uno.cinco_</a> for any questions.
Can I access the course content after completing it?	Yes, you will have continuous access to the course content even after completing it, so you can review it whenever you need.
Is the course available in multiple languages?	Yes, the course is available in Spanish, Portuguese, and English, so more people can benefit from this educational opportunity.
Can I interact with other participants and the instructors?	<p><i>*Only for participating students*</i></p> Yes, the course includes discussion meetings for reinforcement and final projects where you can interact with other participants, as well as live sessions where you can interact with the instructors.
What resources and study materials are provided?	We provide a variety of resources, including videos, recommended readings, practical assignments, and group discussion meetings.
What is the value of having a certificate from the University of Chile?	A certificate from the University of Chile validates your knowledge and skills in the field of energy, enhancing your credibility and professional appeal.





# Frequently Asked Questions

Question	Answer
Does the course include case studies or practical examples?	Yes, the course includes case studies and practical examples to illustrate concepts and provide a deeper understanding of energy transition.
Are there networking opportunities with other participants?	Yes, we offer networking opportunities through discussion meetings, where you can connect with other participants and professionals in the energy sector.
How can I know if this course is right for me?	If you are interested in learning about energy transition and how it affects the Latin American and Caribbean region, this course is right for you. Regardless of your previous experience level, the course is designed to be accessible and beneficial for everyone.
Is it possible to earn academic credits for completing the course?	Currently, the course offers a certificate of participation but does not grant academic credits. However, some employers or educational institutions may recognize the certificate as part of your professional development.
What type of academic support is offered during the course?	We have a coordination team and facilitators available to answer questions and provide guidance throughout the course.
Can I get a physical copy of the certificate?	No, you will only receive a digital certificate upon completing the course.
What type of technology do I need to complete the course?	You will need a computer or mobile device with internet access, and it is recommended to have an updated web browser to access all course resources.

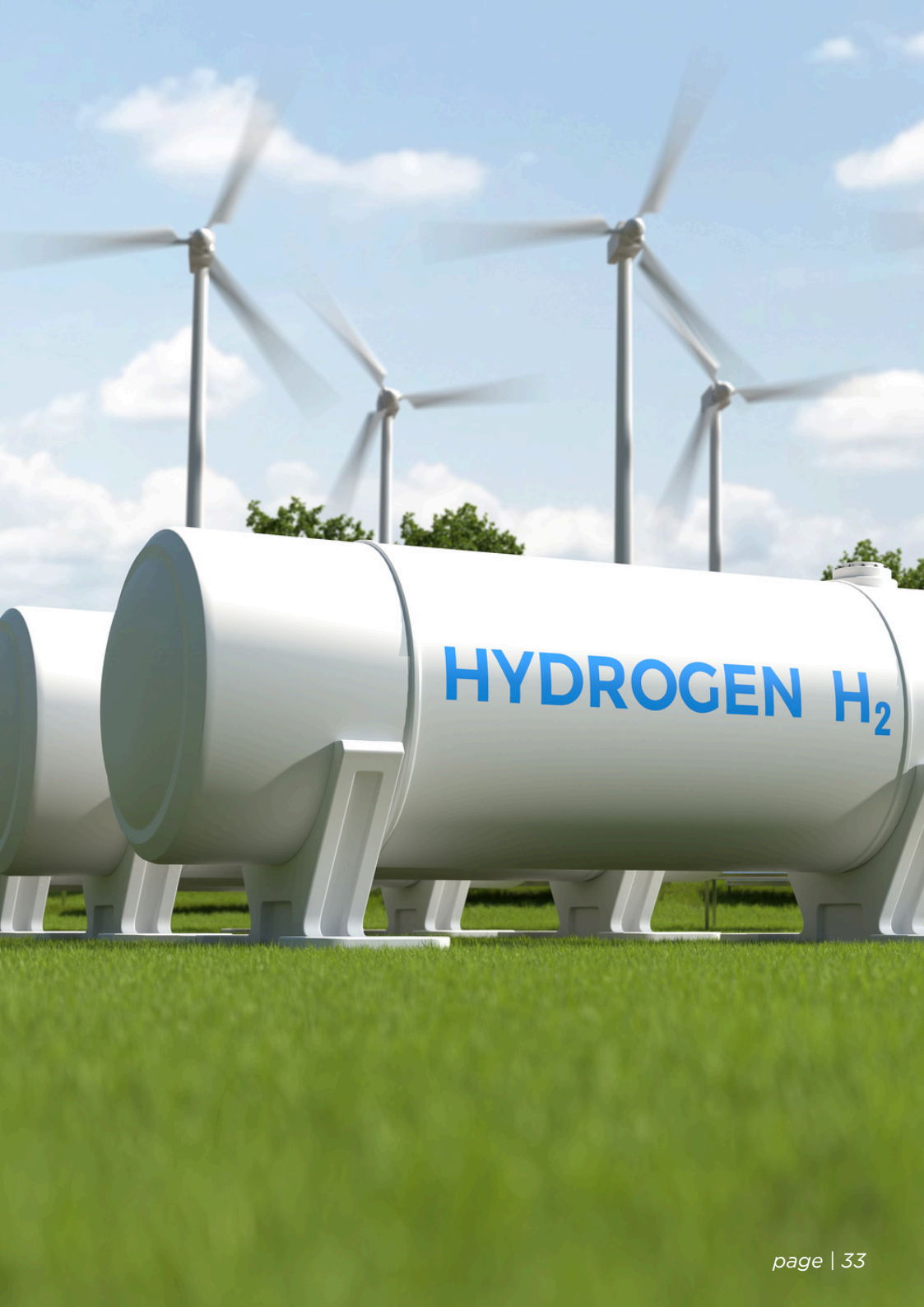


# Frequently Asked Questions

Question	Answer
How do I know the days for the reinforcement and final project meetings?	The reinforcement and final project meetings will be held on dates and times additional to the regular classes, through the Zoom platform. The specific days and times will be agreed upon between the facilitator and the group during the scheduled week.
Is there a specific start and end date for the course?	<p>Classes: Start Thursday, September 26th End Thursday, November 14th</p> <p>Reinforcement meetings: Start the week of October 14th End the week of November 11th</p> <p>Final project meetings: Start the week of November 18th End the week of December 9th</p>
What is the final project for participating students?	The final project involves creating documents titled "Energy Profile Report of a Country with Focus on NDCs" and "Class Summary." These projects allow students to apply the knowledge gained during the course, analyzing the energy situation of a country in relation to the Nationally Determined Contributions (NDCs) and summarizing the class contents.
Do listening students need to meet attendance requirements?	No attendance record will be required for issuing their attendance certificate.
Do listening students have access to all classes?	Yes, they have access to all program classes on the same days and times as participating students. They will not have access to participate in the Q&A sessions and are not required to attend meetings scheduled outside of the program class hours.







## Frequently Asked Questions

Question	Answer
When will I know if I was selected as a Participating Student?	The result will be sent the week of August 26th to the email you provided during registration. If you are not selected as a participating student, your spot is still guaranteed as a listening participant.
What are the reinforcement meetings?	Reinforcement meetings are group sessions designed to deepen the program content. Their main goal is to foster the analysis of topics covered in class and discuss their medium- and long-term development. During these sessions, students can clarify doubts, debate key concepts, and participate in practical activities related to energy transition.
What are the final project meetings?	The final project meetings are sessions where students collaborate to develop an analysis of energy transition and its public policies, focusing on Nationally Determined Contributions (NDCs) and their relationship with energy. At the end, an illustrated report will be generated that compiles the group work and summarizes the 13 classes, aiming to disseminate knowledge about energy transition in the region.
How are the groups for the meetings formed?	Groups for reinforcement and final project meetings will be assigned by the coordination team, seeking diversity and complementarity among participants. Factors such as origin, experience, and areas of interest of each student will be considered.
How will I know who my group's facilitator is?	The ATE LATAM & C coordination team will provide information about the facilitators assigned to each group. Before the meetings start, you will receive a communication with your group details, including the facilitator's name and contact information.

# Get to know us

## Co-organizer



## Colabora



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# Institutions part of the academy

## Allies







# ACADEMIA TRANSICIÓN ENERGÉTICA

LATINOAMÉRICA Y EL CARIBE