

Memorandums of Understanding (D3.7)

Energytran

Research infrastructures cooperation for energy transition between European and Latin American and the Caribbean countries.



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Settings	Value
Document Title:	Memorandums of Understanding
Project Title:	EULAC Energytran: Research infrastructures cooperation for energy transition between Europe and Latin-American and the Caribbean countries
Project Coordinator:	OEI
Deliverable leader:	OEI
Number and type of deliverable:	OTHER
Work Package number:	WP3
Doc. Version:	Version 1
Description:	Document with the explanation of the Memorandum of Understanding and other type of collaboration documents signed
Dissemination level:	Sensitive
Date:	30/11/2025

Document Approver(s) and Reviewer(s):

NOTE: All Approvers are required. Records of each approver must be maintained. All Reviewers in the list are considered required unless explicitly listed as Optional.

Name	Role	Action	Date
OEI	Coordinator	Elaboration	17/10/2025
General Assembly of the project	Decision-making body of the consortium	Review	30/11/2025

Document history:

The Document Author is authorized to make the following types of changes to the document without requiring that the document be re-approved:

- Editorial, formatting, and spelling
- Clarification

To request a change to this document, contact the Document Author or Owner.

Changes to this document are summarized in the following table in reverse chronological order (latest version first).

Revision	Date	Created by	Short Description of Changes
Draft 1	17/10/2025	OEI	Starting of drafting version 1
Version 1	30/11/2025	OEI	Including the review of General Assembly

Configuration Management: Document Location

The latest version of this controlled document is stored in EULAC Energytran intranet.

As part of the project, a website has been developed at <https://energytran.oei.int/> containing all the relevant information. This document is considered as a sensitive one, for this reason it is not included on the webpage and other open repository as public.

1.Narrative description of the process, purpose, and expected outcomes of establishing Memorandums of Understanding and other collaboration documents (generally called: MoUs) among Energytran partners

D3.7 Memorandums of Understanding

The establishment of Memorandums of Understanding (MoUs) and other collaboration documents among the Energytran project partners represents both a culmination of joint scientific achievements and a strategic step towards sustaining long-term collaboration beyond the project's official timeline.

The process of developing and signing these agreements has been a gradual and collaborative journey, shaped by mutual trust, shared scientific ambitions, and the desire to ensure continuity once the project funding concludes.

It began during the final phase of the project implementation, when partners recognized that many of the research collaborations, data exchanges, and joint experiments initiated within Energytran had the potential to evolve into long-term scientific partnerships. To avoid the fragmentation of these networks, the consortium decided to formalize bilateral and multilateral commitments through MoUs, creating a framework for continued cooperation and innovation.

2. Objectives of the MoUs

The main objectives of these MoUs are threefold:

1. To consolidate and extend scientific cooperation initiated under the Energytran framework, ensuring continuity in research activities, knowledge exchange, and technical collaboration.
2. To facilitate future joint initiatives, including proposals under EU and international research programmes, joint publications, workshops, and training activities.
3. To strengthen institutional relationships, establish stable channels for knowledge sharing, staff mobility, and access to complementary research infrastructures.

3. Interest and motivation

The interest in pursuing these agreements lies in the recognition that complex global challenges—such as energy transition and climate change—require sustained collaboration across borders and disciplines. This is particularly true considering the work carried out by the eleven partners of the Energytran consortium over the two-year duration of the project, during which a series of synergies and alliances among the different institutions were identified. These were further strengthened, among other actions, through exchange and mobility activities between the two regions (EU and LAC) within the framework of the Energytran project.

The objective is to sustain the work accomplished and continue creating new synergies and actions, both bilaterally and across the entire consortium, through the various alliances established. In doing so, the agreements not only consolidate the work achieved but also highlight the importance of fostering bi-regional cooperation between Europe and Latin America and the Caribbean.

The MoUs provides a flexible yet formal mechanism for maintaining cooperation between partners who share a long-term vision of advancing in energy transition.

Moreover, by signing these MoUs, each institution demonstrates its commitment to scientific diplomacy, Open Science, transparency, and reciprocity. The agreements contribute to reinforcing collaboration among universities, research centers, national institutions, civil society, and private-sector entities that participated directly or indirectly in the Energytran project. The MoUs also ensure that the networks of trust, collaboration and scientific cooperation developed during the project remain active and productive well into the future.

4. Process of development

The development of the MoUs followed a participatory and iterative process. The first step consisted in identifying common areas of interest and potential collaboration among the participating institutions—in terms of technology, sustainability, and the social dimensions of the energy transition—to define the interest, scope, and focus of future cooperation, regarding the areas of work and expertise of each Energytran partner institution.

Once thematic priorities were agreed upon, legal and administrative teams from each institution drafted preliminary versions of the MoUs. These drafts outlined the objectives of cooperation, modalities of data sharing, intellectual property rights, confidentiality clauses, and mechanisms for joint publication or project development. Importantly, the drafting process was not limited to administrative negotiation; it also provided an opportunity for partners to reflect on how their collaboration could remain dynamic, flexible, and mutually beneficial over time.

A series of exchanges followed, during which partners discussed terms, adjusted content to their institutional frameworks, and ensured alignment with national and European regulations. The emphasis was placed on creating documents that were both legally sound and adaptable, recognizing the evolving nature of scientific cooperation and the potential emergence of new areas of shared interest.

After several iterations, the MoUs were finalized and signed (some still in the process of being formalized) by authorized representatives of each partner organization. These MoUs signed symbolized not only the formalization of the agreements but also the reaffirmation of the consortium's commitment to scientific cooperation, common presents and future engagements, openness, and long-term partnership.

5. Expected results and impact

By establishing these MoUs, the partners aim to achieve several key outcomes:

- Sustainability of scientific networks created under Energytran, ensuring that collaboration does not end with the project's closure.
- Generation of new joint research projects and funding opportunities under programmes such as Horizon Europe and other international frameworks.
- Enhanced visibility and impact of the consortium's research result through continued dissemination and joint communication activities.
- Capacity building and mobility, fostering exchanges of researchers, technical staff, and mobilities among partner institutions.
- Long-term innovation partnerships, enabling co-development of technologies, policy insights, and methodologies relevant to energy transition.

Ultimately, the signing of the MoUs reflects a shared conviction: that scientific collaboration should transcend the boundaries of individual projects. Through these agreements, Energytran partners have transformed temporary scientific cooperation into a lasting framework for joint knowledge creation and innovation, reinforcing their collective contribution to the global energy transition.

In this way, the MoUs serve not merely as administrative instruments, but as living documents—expressions of a shared belief in the enduring value of international scientific cooperation.

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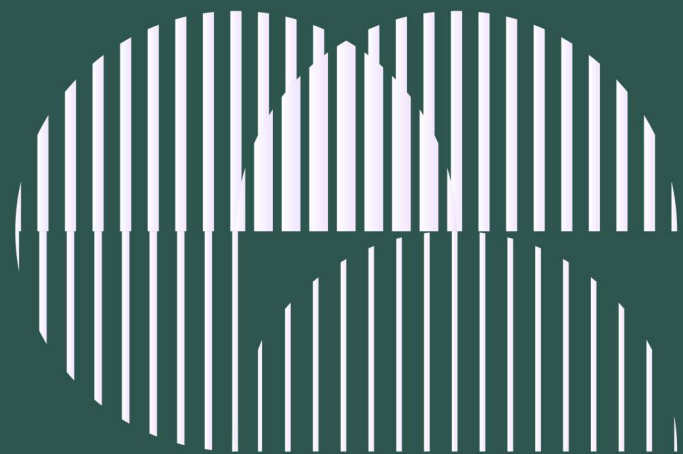
6. MoUs signed

During the Energytran project **27 agreements** have been carried out between Research Infrastructures from Europe and Latin America and the Caribbean through the following signed collaboration documents:

PARTNERS INVOLVED	OBJECTIVE OF THE MoUs
OEI (Spain) - CENAT (Costa Rica)	Agreement to cooperate for the mobilities of Latin America and the Caribbean researchers to European RI in the context of the ENERGYTRAN project.
LIFEWATCH (ERIC) - CENAT (Costa Rica)	Agreement to cooperate for the mobilities of Latin America and the Caribbean researchers to European RI in the context of the ENERGYTRAN project.
CNRS (France) - CENAT (Costa Rica)	Agreement to cooperate for the mobilities of Latin America and the Caribbean researchers to European RI in the context of the ENERGYTRAN project.
CENAT (Costa Rica) - CSIC (Spain)	Agreement to cooperate for the mobilities of European researchers to Latin American and the Caribbean RI in the context of the ENERGYTRAN project.
UNSAM (Argentina) - CSIC (Spain)	Agreement to cooperate for the mobilities of European researchers to Latin American and the Caribbean RI in the context of the ENERGYTRAN project.
UNNE (Argentina) - CSIC (Spain)	Agreement to cooperate for the mobilities of European researchers to Latin American and the Caribbean RI in the context of the ENERGYTRAN project.
PUC (Chile) - CSIC (Spain)	Agreement to cooperate for the mobilities of European researchers to Latin American and the Caribbean RI in the context of the ENERGYTRAN project.
PUC (Chile) – EU SOLARIS (ERIC)	Invitation letter to host a research mobility from Europe to Latin America.
CENAT (Costa Rica) – EU SOLARIS (ERIC)	Invitation letter to host a research mobility from Europe to Latin America.
TECNM (Mexico) – EU SOLARIS (ERIC)	Invitation letter to host a research mobility from Europe to Latin America.
UNSAM (Argentina) - EU SOLARIS (ERIC)	Invitation letter to host a research mobility from Europe to Latin America.
OEI (Spain) – Ministério de Ciência, Tecnologia e Inovação (Brasil)	Invitation letter to participate in exploitation activity in Sevilla (Spain).
OEI (Spain) - Ministério da Educação, Ciência e Inovação (Portugal)	Invitation letter to participate in exploitation activity in Sevilla (Spain).
OEI (Spain) - Ministerio de Ciencia, Tecnología e Innovación (Chile)	Invitation letter to participate in exploitation activity in Sevilla (Spain).
OEI (Spain) - Ministerio de Ciencia, Tecnología y Telecomunicaciones (Costa Rica)	Invitation letter to participate in exploitation activity in Sevilla (Spain).

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OEI (Spain) - Agencia Nacional de Investigación e Innovación (Uruguay)	Invitation letter to participate in exploitation activity in Sevilla (Spain).
OEI (Spain) - Consejo Nacional de Ciencia, Tecnología e Innovación (Perú)	Invitation letter to participate in exploitation activity in Sevilla (Spain).
IPS (Portugal) – PUC (Chile)	2 invitation letters to host 2 research mobilities from Latin America.
Chyprius Institute (Chypre) – TECNM (Mexico)	Agreement to cooperate for the mobilities of Latin America and the Caribbean researchers to European RI in the context of the ENERGYTRAN project.
LIFEWATCH (ERIC) – TECNM (Mexico)	Agreement to cooperate for the mobilities of Latin America and the Caribbean researchers to European RI in the context of the ENERGYTRAN project.
CIEMAT (Spain) – TECNM (Mexico)	2 acceptance notification for 2 mobilities of researchers from LAC to European RI in the context of ENERGYTRAN project.
IPS (Portugal) – TECNM (Mexico)	Invitation letters to host a research mobility from Latin America.
LNEG (Portugal) – TECNM (Mexico)	Invitation letters to host a research mobility from Latin America.
OEI (Spain) - UNNE (Argentina)	Agreement to cooperate for the mobilities of Latin America and the Caribbean researchers to European RI in the context of the ENERGYTRAN project.
CIEMAT (Spain) - UNNE (Argentina)	Acceptation notification for a mobility of a researcher from LAC to the European RI in the context of ENERGYTRAN project and an agreement to collaborate in research activities.
CSIC (Spain) – UNNE (Argentina)	Acceptation of visit permission for a mobility of a researcher from LAC to the European RI in the context of ENERGYTRAN project.
LIFEWATCH (ERIC) – UNSAM (Argentina)	Agreement to cooperate for the mobilities of Latin America and the Caribbean researchers to European RI in the context of the ENERGYTRAN project.



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