

ICAT Chile

Climate Action Transparency Initiative Project: Promoting Climate Action at the Subnational Level for State and Non-State Actors in Chile

Launch of the Community Recognition System & Results
of the HuellaChile Program

Validation Workshop Report

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PREPARED UNDER

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ACRONYMS AND ABBREVIATIONS

CO ₂	Carbon dioxide
CO ₂ e	Equivalent Carbon Dioxide
GAUSS	Gauss International Consulting
GACMO	Greenhouse gas Abatement Cost Model
GHG	Greenhouse gases
GCoM	Global Covenant of Mayors for Climate and Energy
HCh	HuellaChile Program
ICAT	Climate Action Transparency Initiative
IPCC	Intergovernmental Panel on Climate Change
MRV	Monitoring, Reporting and Verification
MMA	Ministry of Environment
NDC	Nationally Determined Contribution
NGO	Non Governmental Organization
SCAM	Municipal Environmental Certification System
UNOPS	United Nations Office for Project Services
VU-RETC	Single Window for the Registry of Emissions and Transfer of Pollutants

EXECUTIVE SUMMARY

HuellaChile is the official initiative of the Government of Chile, for the management of Greenhouse Gas (GHG) emissions at the organizational level, freely available to all public and private organizations in the country. It is also one of the first official voluntary instances, dedicated to encouraging the active participation of the private sector in climate change mitigation, which Chile manifested through the Nationally Determined Contribution (NDC). And it is also a tool that allows you to collect information on the efforts of public and private organizations in this area.

In December 2020, the Ministry of the Environment formalized a collaboration agreement with the United Nations Office for Project Services (UNOPS), to support the construction and strengthening of capacities in Chile, through the development of the Initiative for Transparency of Climate Action (ICAT), which allowed the development and implementation of a community-level Recognition System in the HuellaChile Program.

On December 10, 2021, between 10:00 and 12:00 (Chilean time), the Launch of the Community Recognition System and Results of the HuellaChile Program was held, in which there was a call for 200 attendees, 77 women and 89 men, including 17% unknown, due to the fact that some attendees used a common link, preventing traceability.

The event had simultaneous translation, for the beginning of the welcoming words of the authorities and representatives of organizations that collaborate with the HuellaChile Program, and for the presentation of ICAT and its climate action in the territories.

Next, the Communal Recognition System, implemented in the HuellaChile Program, thanks to the support of ICAT, was presented; accompanied by a panel discussion to learn about the different views regarding the question: *How to accelerate climate action in the territory in collaboration between organizations?*

After the panel, the main results of the HuellaChile Program were presented, along with the next steps and challenges.

As general results, those attending the event (i) learned about the new Community Recognition System of the HuellaChile Program, (ii) learned about a vision of key actors for GHG management in local governments, from the sectors: NGO, Public, Private, and Municipal; and (iii) learned about the main advances and results of public and private organizations, recognized by the HuellaChile Program. With this, the proposed objectives of the event were fulfilled.

OBJECTIVES OF THE EVENT

Officially present and validate the new Community GHG management recognition system of the HuellaChile Program, developed thanks to the support of ICAT, together with the presentation of the main results and progress of the 2021 period of the HuellaChile Program. To encourage active participation by private sector organizations in mitigating climate change at the local government level.

PRESENTATIONS AND ACTIVITIES CARRIED OUT

The event took place as specified in the Agenda (Annex 1) on December 10, 2021, between 10:00 and 12:00 (Chilean time). Where four presentations and a conversation panel were developed. It had a call for 200 attendees (Annex 2), 39% women and 45% men, including 17% unknown, as a result of some attendees using a common link, preventing traceability. Of the attendees, there was a complete effective participation of 81%, this means that they remained connected throughout the event.

All the presentation material and videos of the event are available on the website of the HuellaChile Program¹.

The main topics presented at the validation event are summarized below:

ICAT AND CLIMATE ACTION IN THE BUENAS TERRITORIES

After the words of welcome, the activity began with the presentation of Randa Ahmed, Program Management Officer at UNOPS/ICAT, who spoke about how ICAT is composed and where it operates in the world, see Figure 1 y Figure 2.



Figure 1. Composition of ICAT (Randa Ahmed presentation, validation ICAT Chile 2021)

¹ The videos and presentations developed at the event are available at: <https://huellachile.mma.gob.cl/evento-de-reconocimiento-organizacional-ano-2021-lanzamiento-del-sistema-de-reconocimiento-comunal-del-programa-huellachile/>.



Figure 2. Countries associated with ICAT (Randa Ahmed presentation, validation ICAT Chile 2021)

The presentation continued by making ICAT's mission known, to help countries to:

- Better assess the impact of their policies and measures on the climate.
- Develop and implement effective climate-related measures.
- Comply with its commitments in terms of transparency.

Through direct support to countries, facilitating a set of instruments and guides, along with promoting the exchange of knowledge. In the Figure 3, Figure 4, and Figure 5, ICAT tools available are presented:



Figure 3. ICAT normative evaluation guides (Randa Ahmed Presentation, ICAT Chile 2021 validation)

Las herramientas de la ICAT:

Herramienta de Agregación de la Acción Climática

para medidas no estatales y subnacionales

- **Análisis del escenario** describiendo el número de acciones, los tipos de acciones y actores, los rangos temporales y las emisiones cubiertas por los Actores No Estatales (ANE)
- **Análisis de impacto y superposiciones** agregando los impactos de la reducción potencial anual de las emisiones de los ANE para cualquier año entre 2015 y 2050
- **Comparación de los escenarios de las NDCs u otras políticas** con las reducciones de emisiones proyectadas integradas de los ANE.



Figure 4. ICAT Climate Aggregation Tool (Randa Ahmed presentation, ICAT Chile 2021 validation)

Las herramientas de la ICAT:

GACMO

- **GACMO:** Greenhouse Gas Abatement Cost Model (Modelo de costes de reducción de gases de efecto invernadero)
- Herramienta de **modelización de las emisiones de gases de efecto invernadero (GEI)** basada en Excel
- Metodologías del **IPCC/CDM**
- Permite **analizar las opciones de mitigación** de los gases de efecto invernadero para preparar la información para la NDC, las Comunicaciones Nacionales o Planes de Desarrollo Bajo en Carbono.

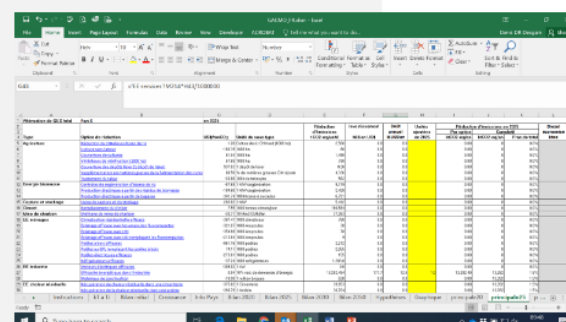


Figure 5. ICAT GACMO (Randa Ahmed presentation, ICAT Chile 2021 validation)

Finally, some ICAT projects under development in the countries of: Colombia, Brazil, Kenya and India are presented. In the Figure 6 and Figure 7, the activities and goals of each initiative are described.



Figure 6. ICAT projects in the countries of Colombia and Brazil (Randa Ahmed Presentation, ICAT Chile 2021 validation)



Figure 7. ICAT projects in the countries of Kenya and India (Randa Ahmed Presentation, ICAT Chile 2021 validation)

HUELLACHILE COMMUNITY RECOGNITION SYSTEM

The second presentation was developed by Sebastián Garín, Coordinator of the HuellaChile Program, who began by describing the governance of the Recognition System for Local Governments, together with the groups of key actors for its operation and development. (Figure 8), and the tools and complements to facilitate its operation:

- Online platform and calculator.
- E-learning self-study course.
- Seals of recognition.



Figure 8. Governance of the Community Recognition System of HuellaChile (Presentation Sebastián Garín, Validation ICAT Chile 2021)

The Recognition System was designed and implemented, taking as a reference the global GHG mitigation strategy for the different levels of scope (territories, organizations, services, products and people), see Figure 9.

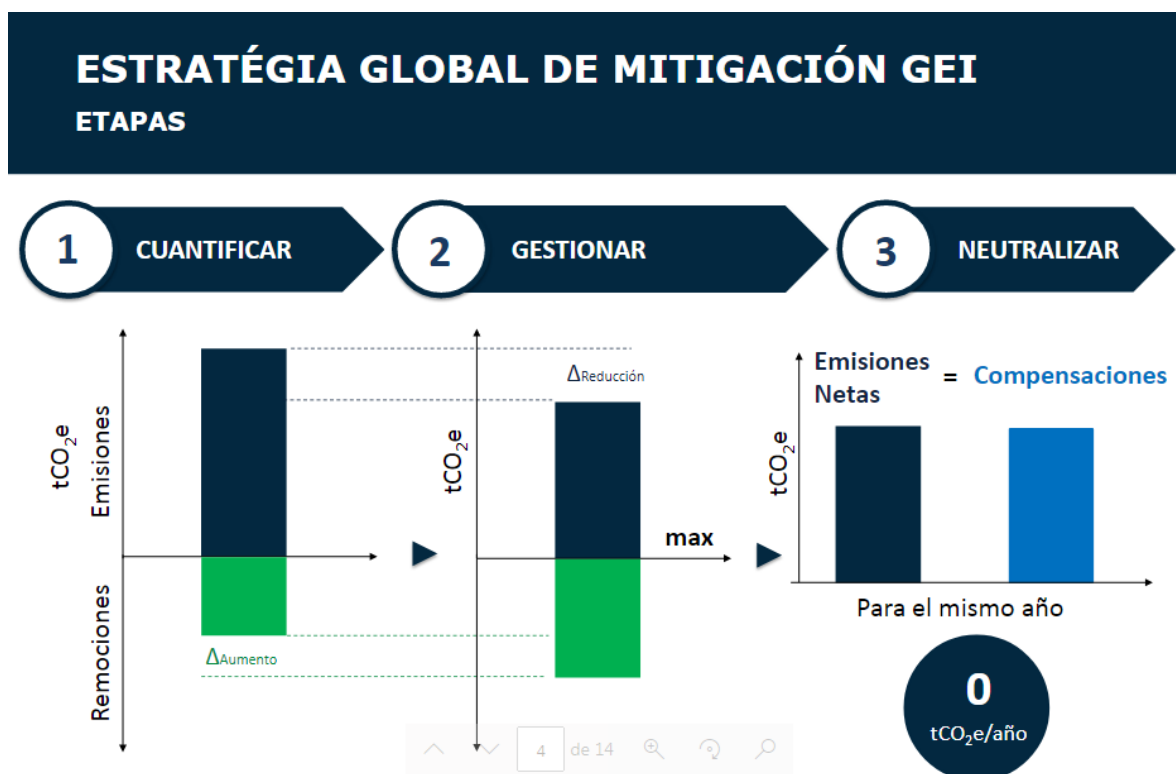


Figure 9. Global GHG mitigation strategy (Presentation Sebastián Garín, Validation ICAT Chile 2021)

The community-level recognition scheme uses the three levels of global GHG mitigation as a base (Quantification, reduction and neutralization), and incorporates a level of excellence that encourages the communes of Chile to incorporate the mitigation of GHG in their planning and territorial management. climate change linked and articulated transversally with all the actors in its territory. (Figura 10)



Figure 10. Communal Recognition Scheme of the HuellaChile Program (Presentation Sebastián Garín, Validation ICAT Chile 2021)

The specific requirements of each level of recognition are described in: Figure 11, Figure 12, Figure 13, and Figure 14. And your application is made through the HuellaChile platform inserted in the Single Window of the Registry of Emissions and Transfer of Pollutants (VU-RETC) of the Ministry of the Environment (MMA). A summary and visualization of the tool is presented in a video available on the website of the HuellaChile Program².

² Communal platform video, available at: https://mmambiente-my.sharepoint.com/:v/g/personal/huellachile_mma_gob_cl/EY5k7iMdYeZLqvvq-C370O4BAJteU0uPYYPWDbrC_28H-A?e=aR5y1s

REQUISITOS SELLO DE CUANTIFICACIÓN COMUNAL HUELLACHILE



- ✓ Realizar la cuantificación según los requisitos del Protocolo Global para Inventarios de Emisión de Gases de Efecto Invernadero a escala Comunitaria (GPC).
- ✓ Presentar informe de verificación + Declaración + Informe de Cuantificación Comunal, según el formato del Programa HuellaChile. Considerando las categorías mínimas del nivel BÁSICO del GPC.
 - Categorías mínimas a cuantificar:**
 - Residuos y aguas residuales
 - Transporte
 - Energía eléctrica
 - Combustión estacionaria
- ✓ Enviar antecedentes mediante la plataforma web del Programa, inserta en vuRETC.

Figure 11. Quantification seal requirements for the Communal Recognition of the HuellaChile Program (Sebastian Garín Presentation, Validation ICAT Chile 2021)

REQUISITOS SELLO DE REDUCCIÓN COMUNAL HUELLACHILE



(*) Proyectos de mitigación válidos por **5 años** desde su implementación.

- ✓ Haber obtenido el sello de cuantificación para el año de postulación.
- ✓ Contar con una trayectoria de emisiones GEI de la comuna, de al menos 2 años consecutivos, respaldado con el sello de cuantificación.
- ✓ Contar con una Meta o Estrategia de mitigación de GEI a nivel comunal.
- ✓ Cuantificar la reducción de emisiones o aumento de remociones de GEI anual de la comuna, estimado por medio del balance del portafolio de proyectos de mitigación*, implementado dentro de la comuna (referenciado a la NCh-ISO 14064/2).
- ✓ Enviar antecedentes por plataforma web (VU-RETC): Informe de verificación + Declaración + Informe de Reducción, según el formato del Programa.

Figure 12. Requirements of the reduction seal for the Communal Recognition of the HuellaChile Program (Sebastian Garín Presentation, Validation ICAT Chile 2021)

REQUISITOS SELLO DE NEUTRALIZACIÓN COMUNAL HUELLACHILE



Este sello no considera
un proceso de
verificación directo.

- ✓ Contar con los sellos de Cuantificación y Reducción para el año de postulación.
- ✓ Neutralizar como mínimo, las **EMISIONES NETAS DE GEI** del inventario comunal, según los lineamientos de la NCh 3300 y el GPC.
- ✓ Retirar o dar de baja en Plataformas de Registro público, créditos de carbonos provenientes de **PROYECTOS CHILENOS** acreditados por Esquemas de Certificación de GEI reconocidos Internacionalmente (MDL, VCS, GS, JCM, otros).
- ✓ Presentar declaración + Informe de neutralización + certificados de retiro de créditos de carbono mediante la plataforma web del Programa, inserta en vuRETC.

Figure 13. Neutralization seal requirements for the Communal Recognition of the HuellaChile Program (Sebastian Garín Presentation, Validation ICAT Chile 2021)

REQUISITOS SELLO DE EXCELENCIA COMUNAL HUELLACHILE



- ✓ Haber obtenido 3 sellos de cuantificación comunal (años consecutivos).
- ✓ Haber obtenido el sello de cuantificación y reducción para el año de postulación.
- ✓ Estar desarrollando el nivel de Gobernanza Climática en SCAM y ser parte del Programa Comuna Energética.
- ✓ Contar con al menos 5 de los siguientes principios:
 - Compromiso y apropiación comunal
 - Avance en desarrollo sostenible en el territorio
 - Alianzas inclusivas
 - Transparencia
 - Cooperación con sectores vulnerables
 - Neutralización
- ✓ Enviar antecedentes por plataforma web (VU-RETC): Informe de verificación + Declaración + Informe de Reducción, según el formato del Programa.

Figure 14. Requirements of the seal of excellence for the Communal Recognition of the HuellaChile Program (Sebastian Garín Presentation, Validation ICAT Chile 2021)

And finally, the self-learning e-learning courses are described and presented, to be made available on the platform "Academy of Environmental Training Adriana Hoffmann, of the MMA (Figure 15).

CURSO DE AUTOAPRENDIZAJE EN LÍNEA HUELLACHILE



- Módulo 1:** Bases de la gestión del carbono a nivel comunal.
- Módulo 2:** Cuantificación de la huella de carbono comunal
- Módulo 3:** Metas de mitigación y gestión del carbono comunal.

«Sin requisitos de ingreso»



Figure 15. Self-learning courses for the advancement of municipalities in the Communal recognition stamps of the HuellaChile Program (Sebastian Garín Presentation, Validation ICAT Chile 2021)

CONVERSATION PANEL HOW TO ACCELERATE CLIMATE ACTION IN THE TERRITORY IN COLLABORATION WITH ORGANISATIONS?

To complement the launch of the new recognition system, a conversation panel was developed with the aim of publicizing the challenges, challenges and opportunities experienced by national and international organizations in the management of GHG at the level of cities and local governments. The members of the panel are described in the following table:

Moderator:

- Johanna Arriagada, Gender and youth coordinator at the Climate Change Office of the Ministry of the Environment.

Panelists:

- Jordan Harris, Regional Coordinator for the Americas, Global Covenant of Mayors for Climate and Energy (GCoM).
- Francisco Valenzuela, Director of Environment, Cleanliness and Ornament, Illustrious Municipality of San Antonio.
- Carlos Kutscher, Deputy Manager of Strategy and Corporate Affairs, ISA Intervial.
- María José Esquivel, Coordinator of the Green State Program, Department of Local Environmental Management, Ministry of the Environment.

The panel analyzed what is the role of cities in the efforts carried out at the international level, to mitigate and reduce the effects of climate change? What has been the main interest of the Municipality of San Antonio, to advance with the preparation of GHG inventories at the organizational and community level? Why should municipalities move towards the preparation of GHG inventories at the community level? And how is the private sector, and in particular ISA Chile, advancing in the management of its GHG emissions?.

In addition, what results and gaps have been identified, in the voluntary progress reported and communicated by the cities registered in the GCoM? What challenges and goals does the municipality set, based on the results obtained in its GHG inventories? What challenges does the goals defined in the ECLP present for municipalities to implement climate change management at the regional and local levels? And what role can private sector organizations play to promote and encourage emissions management? of GHG at the Communal level?.

In conclusion, the municipalities were invited to participate in the new Communal GHG Management Recognition System, encouraging the linking of their progress with commitments in international initiatives such as GCoM (words by Jordan Harris), in addition, the need to continue strengthening the municipalities in their regulatory frameworks, and private organizations are invited to join the Green Office initiative to incorporate sustainability into their operations (words by María José Esquivel); Francisco Valenzuela, states that with a joint and collaborative work, between state, private and municipal actors, great results can be achieved in progress in sustainability, being key and important the self-management of the communities and the communication and dissemination of experiences. And finally Carlos Kutscher reinforces the importance of the role of the private sector, and the value that these sustainability programs provide to organizations, inviting all his colleagues and peers to participate in initiatives such as HuellaChile.

MAIN RESULTS AND NEXT STEPS OF THE HUELLACHILE PROGRAM

Finally, with the aim of communicating, recognizing and disseminating the achievements of the organizations that participate in the HuellaChile Program, a video was presented with the logos and stamps delivered during the 2021 period, recognizing 176 organizations that through their efforts managed to be part of the 243 recognition seals delivered by the HuellaChile Program, highlighting the 3 first-level recognition seals delivered to the municipalities of Colina, San Antonio, and Valdivia, for quantifying and verifying their GHG inventory Comuna (Figure 16).

Sellos de Reconocimiento 2021

Resultados



Figure 16. Seals of recognition for GHG management of the HuellaChile Program, period 2021 (Sebastian Garín Presentation, Validation ICAT Chile 2021)

The developments and activities generated within the framework of the ICAT Chile project of: (Figure 17, Figure 18, and Figure 19)

- Subnational Climate Action Workshops
- Communal GHG inventory quantification pilots (San Antonio and Colina), and
- Good Practices Workshop + GACMO



Figure 17. ICAT Chile subnational workshops (Sebastian Garín Presentation, Validation ICAT Chile 2021)

PILOTOS DE CUANTIFICACIÓN DE INVENTARIOS DE GEI COMUNALES



Huella de Carbono 2019	t CO ₂ e	t CO ₂ e
Alcance 1	456.234	728.257
Alcance 2	56.233	135.888
Alcance 3	45.700	132.210
TOTAL	558.167	996.356

«Verificado por Geoinvest»

Figure 18. ICAT Chile Communal GHG inventory results (Sebastian Garín Presentation, Validation ICAT Chile 2021)

TALLER DE BUENAS PRÁCTICAS Y GACMO



26 de noviembre 2021

27

Participantes

3

Horas de
capacitación



GACMO



Figure 19. Workshop on good practices of ICAT Chile (Presentation Sebastián Garín, Validation ICAT Chile 2021)

Finally, the next developments, challenges and activities to be implemented during the 2022 period are described, with the support and collaboration of ICAT being key for the implementation, operation and positioning of the new GHG Management Recognition System at the Community level of the HuellaChile Program. (Figura 22).

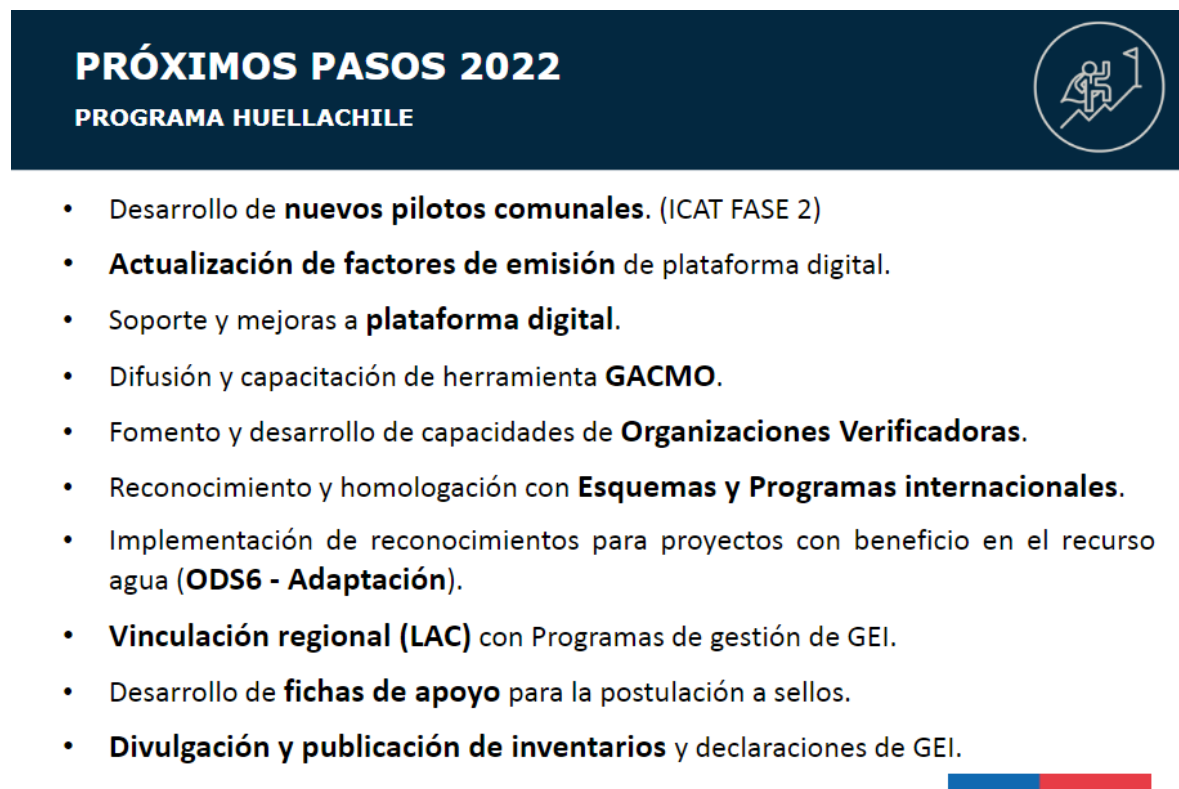


Figura 22. Next steps HuellaChile 2022 Program (Sebastian Garín Presentation, ICAT Chile 2021 Validation)

CONCLUSIONS

The event focused on presenting the new GHG Management Recognition System at the Community level for the HuellaChile Program, together with the main results of the ICAT Chile project, and the HuellaChile Program during the 2022 period.

The conversation panel allowed to show different visions and levels of progress in GHG management at the level of local governments, among different territorial actors (NGOs, State, Municipalities and Private), validating the importance of the implementation of the Recognition System for Communes, and its key role in articulating and aligning the strategies and traceability tools of organizations, local governments and climate change policies and instruments at the national level.

The event met with an expected attendance, and all the presentation material and videos were shared on the website of the HuellaChile Program³.

Finally, the development of the event fulfilled the stated objective of launching, validating and making official the new Community GHG Management Recognition System of the HuellaChile Program; the results and links generated in the development of the ICAT Chile project will facilitate progress in GHG management and climate change goals assumed by the Municipalities in Chile, along with supporting and facilitating the goals and commitments of local governments published in the ECLP.

International support from ICAT is expected to continue, to promote the development of GHG inventories in new districts of Chile, fill gaps in information collection activities, and share experiences with countries in the region, such as Colombia.

³ The videos and presentations developed at the event are available at: <https://huellachile.mma.gob.cl/evento-de-reconocimiento-organizacional-ano-2021-lanzamiento-del-sistema-de-reconocimiento-comunal-del-programa-huellachile/>.

ANNEXES

Annex 1. Schedule

Hora	Actividad
10:00 – 10:05	OFFICIAL WELCOME AND WORDS FROM AUTHORITIES.
10:05 – 10:25	OFFICIAL WELCOME AND WORDS FROM AUTHORITIES: <ul style="list-style-type: none"> • Ministry Javier Naranjo, Ministry of Environment. (video) • Gianluca Merlo, Regional Technical Consultant of the United Nations Development Program. • Henning Wuester, Director of the Climate Action Transparency Initiative.
10:25 – 10:40	PRESENTATION OF ICAT AND CLIMATE ACTION IN THE TERRITORIES. Randa Ahmed, Program Management Officer at UNOPS/ICAT.
10:40 – 11:00	PRESENTATION OF THE HUELLACHILE COMMUNITY RECOGNITION SYSTEM Sebastián Garín, Coordinator of the HuellaChile Program.
11:00 – 11:30	CONVERSATION PANEL. How to accelerate climate action in the territory in collaboration with organizations? <u>Moderate:</u> Johanna Arriagada, Gender and youth coordinator at the Climate Change Office of the Ministry of the Environment. <u>Organizaciones invitadas:</u> GCoM Américas, ISA Intervial Chile, San Antonio Municipality, Municipal Environmental Certification System (SCAM).
11:30 – 11:40	PRESENTATION OF AWARDS YEAR 2021. (video format with logo of organizations by type of recognition)
11:40 – 11:55	RESULTS AND NEXT STEPS OF THE HUELLACHILE PROGRAM. Sebastián Garín, Coordinator of the HuellaChile Program.
11:55 – 12:00	CLOSURE OF ACTIVITY.

Annex 2. Assistants

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