



Global Gas Tracking

Explanatory Document

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What is I-TRACK(G)?

I-TRACK(G) is a new attribute tracking system for biomethane and biogas, developed by Global Gas Tracking, an international consortium comprised of Evident / Xpansiv and Instituto Totum. The I-TRACK(G) Code has been designed in alignment with the International Attribute Tracking Standard and underwent public consultation from May-July 2025. The Code outlines the rules and requirements for tracking the environmental attributes of biomethane or biogas along the value chain and across borders. Its goal is to provide a global tracking instrument based on the principles of fact-based, ex-post and technology agnostic certification.

I-TRACK(G) builds on the successful implementation of I-REC in over 70 countries to become the de-facto global standard for Energy Attribute Certificates (EACs). The combined experience of the co-founders, encompassing Instituto Totum's GAS-REC programme in Brazil and Evident through its global EAC services, provides a proven and robust foundation for the forthcoming global implementation phase.

Supporting Tracking and Certification

I-TRACK(G) primarily serves as a tracking instrument, or EAC, but can be used as an information carrier alongside other certification labels. These labels can be applied to biogas or biomethane products that meet specific regulatory requirements or social, economic and environmental criteria set by an organisation or government (e.g. ISCC, SURE, Proof of Sustainability in EU, Green-e Renewable Fuel Standard in the US, EKOenergy renewable gas label). Both tracking and certification work towards empowering energy producers and consumers to make truthful and transparent claims about the energy they sell/use.

Chain of Custody Models

The I-TRACK(G) Code supports multiple certificate-based Chain of Custody (CoC) models, which describes the relationship between the environmental attribute and physical molecule. This includes:

- **Book and Claim** – the environmental attribute is separated from the physical molecule.
- **Mass Balance** – the environmental attribute is bundled with the physical product in a co-mingled system of renewable and non-renewable gases.
- **Full Segregation** – the relationship between the environmental attribute and physical molecule is fully preserved, providing end-users with a gas from entirely renewable sources.

Who is I-TRACK(G) for?

The I-TRACK(G) Code is designed to be open and accessible for all organisations wishing to be active in the decarbonization of global markets for natural gas.

- **Registrants** – I-TRACK(G) enables all eligible biogas and biomethane producers the ability to issue environmental attributes as an EAC, primarily representing the means of production of biogas or biomethane and delivered to an end-user. These EACs can add an additional, marketable value onto the production of biogas and biomethane.
- **Participants and Beneficiaries** – I-TRACK(G) allows all gas users to make a conscious and evidence-based choice for biogas or biomethane from their preferred technology. I-TRACK(G) provides reliable reporting to a variety of requirements, including but not limited to Scope 1 reporting, national energy reporting, general end-user claims and support mechanism.

- **Governments** – I-TRACK(G) can provide the basis for voluntary and compliance tracking systems. Global Gas Tracking and the I-TRACK Foundation would welcome the opportunity to discuss how I-TRACK(G) can be implemented within a given jurisdiction.

Market Facilitators

- **Registry Operators:** Both Evident, and Instituto Totum are Accredited, individually, as Registry Operators for I-TRACK(G). Other Entities may apply to the Code Manager to become Registry Operators, and must be Accredited by the I-TRACK Foundation.
- **Issuers:** Accredited Issuers are in charge of registering biogas/biomethane production facilities and issue I-TRACK(G) within an approved Registry. Instituto Totum is the Accredited local Issuer for Brazil. The Green Certificate Company (GCC) is Accredited to act as the Central Issuer on behalf of Evident in any country in which the Evident Registry for I-TRACK(G) is available, with the exception of those where another Issuer has been exclusively designated under relevant national legislation or otherwise defined by the Foundation.
- **Labelling authorities:** I-TRACK(G) facilitates the inclusion of third-party labels verified by Assurance Service Providers (ASP), including information regarding carbon intensity carried out by Life Cycle Assessment (LCA) providers, sustainability and regulatory requirements.

Interoperability with other Accredited Product Codes

In practice, a large portion of biomethane will contribute to renewable electricity claims, particularly for countries which rely heavily on imported gas and want to decarbonise. This means that all the existing EAC infrastructure (e.g. registries, issuers and exchanges) for electricity can continue to be utilised for the tracking of molecules that go into electrons. Where possible, policymakers should support efforts to integrate biomethane tracking alongside electricity.

In order to accommodate this interaction between environmental attributes, the I-TRACK Foundation is progressing work on a broader interoperability standard between different Accredited Product Codes. This is intended to ensure coherence across registries and instruments, facilitating compatibility between different tracking systems without double counting

Market Implementation

The issuance of I-TRACK(G) is restricted to countries authorised by the Foundation, which currently includes Brazil and Malaysia. The process of adding a new issuance country of I-TRACK(G)s can be initiated by market players or stakeholders with knowledge of the respective national gas market. Prior to providing certification services in any additional country, a country report must be completed and submitted to the I-TRACK Foundation for authorisation.

The purpose of a country report is to both justify the introduction of I-TRACK(G) and determine any conditions that may be applied to the provision of certification services within that country. Global Gas Tracking and the I-TRACK Foundation recognises the sovereign position of governments to set legislative requirements that may impact on the desire or ability to provide certification services within a country. Wherever possible, the Code Manager and the I-TRACK Foundation shall seek to engage with governments in the provision of certification services on a given country. Furthermore, no I-TRACK(G) certificate will be issued where a Government has instructed the I-TRACK Foundation or the Code Manager not to do so.

[I-TRACK Foundation](#)

The I-TRACK Foundation is a non-profit organisation that provides a robust standard for implementing Energy Attribute Certificates (EACs) schemes. The Foundation's Accredited tracking systems include I-REC (International Renewable Energy Certificate), the largest multi-country tracking system for electricity attribute tracking in the world. I-REC is recognised by a myriad of governments, grid operators, and major reporting frameworks such as the Greenhouse Gas Protocol (GHGP), CDP, and RE100 as a reliable backbone for credible and auditable consumer claims. It ensures the highest quality systems and adherence to best practices designed to avoid double counting, double certificate issuance, and double attribute claims.

The I-TRACK Foundation represents the Standard-Setting Body that accredits market facilitators to implement I-TRACK(G), including Global Gas Tracking, Evident and Instituto Totum as Registry Operators and nationally appointed Local Issuers.

[Global Gas Tracking](#)

Global Gas Tracking is a joint venture between [Evident](#) / [Xpansiv](#) and [Instituto Totum](#), serving the role of Code Manager for the I-TRACK(G) Code. It is responsible for setting the regulations for certifying biogas and biomethane under the International Attribute Tracking Standard and in coordination with other market facilitators around the world.