



I-REC STANDARD  
CONFERENCE 2024

2-3 JULY 2024

SÃO PAULO  
BRAZIL

Standardizing  
Global Attribute  
Markets

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## Welcome to the I-REC Standard Conference (ISC) 2024

Energy Attribute Certificate (EAC) markets are changing fast. Renewable Energy Certificate (REC) transactions continue to double year-on-year, while new procurement structures and policy levers are changing the ways in which buyers and sellers act on their clean energy goals. At the same time, the introduction of new product codes such as hydrogen and biomethane will enable end users to improve the environmental performance of their operations, and track progress more effectively in a robust and uniformed manner. Against this backdrop, national and global frameworks are poised to drive even deeper shifts—regulating disclosure in the financial arena, introducing existential changes to trade and taxation, and exploring ways to unify country and company actions and reporting.

The I-REC Standard Conference (ISC) 2024 assembles experts from across the clean energy, policy, and corporate value chains to answer three headline questions: what key changes are taking place now, how do we engage, and what's coming next?

The ISC2024 will take place in São Paulo, Brazil, one of the largest I-REC(E) markets, and a country well-positioned to drive innovation on both the production and consumption sides of environmental markets. The ISC2024 provides participants the opportunity to learn from the world's leading experts on where the market is going, while creating unique network opportunities among the foremost implementors. We welcome you to an engaging event that's poised to strengthen the way businesses and governments engage in environmental markets.

## PRE-CONFERENCES – 1 JULY 2024

14.00-15.30 <b>PRE-CONFERENCE A</b> Introduction to Global EAC Markets	14.00-15.30 <b>PRE-CONFERENCE B</b> China	16.00-17.15 <b>PRE-CONFERENCE C</b> Practical Implementation of the I-REC(E)	16.00-17.15 <b>PRE-CONFERENCE D</b> Latin America and Brazil
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## DAY 1 – 2 JULY 2024

09.30-10.45 Opening <b>KEYNOTE SESSION 1</b> Standardizing Global Attribute Markets	11.15-12.15 <b>SESSION 2A</b> Managing Growth, Volumes and Complexity	13.30-14.30 <b>SESSION 3A</b> How Legislation is impacting I-REC Markets	15.00-16.00 <b>SESSION 4A</b> I-REC(E) Growth in Emerging Markets	16.30-17.30 <b>KEYNOTE SESSION 5</b> End-User Round Table
	11.15-12.15 <b>SESSION 2B</b> Unpacking the Hydrogen Code	13.30-14.30 <b>SESSION 3B</b> The next Phase of Carbon Certification	15.00-16.00 <b>SESSION 4B</b> Advancing the I-REC for Electricity	

## DAY 2 – 3 JULY 2024

09.00-10.00 <b>SESSION 6A</b> Volumes and Prices, Value of Renewables around the World	10.30-11.30 <b>SESSION 7A</b> Europe: Finding Clarity in Complexity	12.00-13.00 Closing <b>KEYNOTE SESSION 8</b> Interoperable Tracking Mechanisms across the Energy Value Chain
09.00-10.00 <b>SESSION 6B</b> Managing Methane	10.30-11.30 <b>SESSION 7B</b> Aligning the Industry: Corporate Accounting & Market Boundaries	

## PRE CONFERENCES

1 JULY 2024

<b>14:00 – 15:30</b> <b>PRE-CONFERENCE A</b>	<b>14:00 – 15:30</b> <b>PRE-CONFERENCE B</b>
<h3>Introduction to Global EAC Markets</h3> <p>This session will cover the basics of what an Energy Attribute Certificate (EAC) is, how they are standardized and used, and what role they have and could have in worldwide reporting practices. This session will provide delegates with an overview of rapidly developing attribute tracking for different energy carriers and other commodities.</p>	<h3>China</h3> <p>China is among the world’s most important supply chain hubs. It exports commodities and goods that underpin growth across global economies and is currently the world’s largest energy consumer. At the same time, China has made tremendous progress on building out renewables—topping out global charts for installed renewable capacity, hosting 48% of the world’s renewables within its national borders, and issuing the highest volumes of I-REC(E) of any country in 2022 and 2023. This session will explore the clean energy tracking needs of Chinese exporters, critical shifts in policy and tracking ecosystems, and discuss implications for exports and trade. For any actors asking the question, “what do we need to know about Chinese EAC markets?” this is your session.</p>
<b>16:00 – 17:15</b> <b>PRE-CONFERENCE C</b>	<b>16:00 – 17:15</b> <b>PRE-CONFERENCE D</b>
<h3>Practical Implementation of the I-REC(E)</h3> <p>The International Tracking Standard Foundation: Founder of I-REC (I-TRACK Foundation) provides a robust, transparent framework for ensuring reliable energy attribute tracking. The I-TRACK Foundation sets out best practices for establishing ownership and avoiding double counting in various legislative and market structures around the world. This session will discuss implementation strategies for how the Foundation and market facilitators function together, and how governments interact with I-TRACK Foundation accredited markets in different regions across the world.</p>	<h3>Latin America and Brazil</h3> <p>The two largest I-REC(E) markets are China and Brazil. In this pre-conference we will focus on Brazil and Latin America as a whole. Brazil has a large growing percentage of renewable installed capacity, with its impressive hydro capacity, and consistent growth trend in the use of I-REC(E). With 16 participating countries, the LATAM region represents a third of the global I-REC(E) market activity and remains a privileged landscape for investments in renewable energy. We will review the main aspects of market dynamics in LATAM including drivers for growth, both from demand and supply side, most recent developments and share experts’ insights for the region.</p>

## DAY 1 – I-REC STANDARD CONFERENCE

2 JULY 2024

09:30 – 10:45

OPENING SESSION 1

### Standardizing Global Attribute Markets

The need for EAC standards is more apparent now than ever. With attribute tracking becoming an integral part of electricity market development, EAC standardization plays a critical role in ensuring both power generators and end-users have access to credible, transparent, and globally harmonized information about the origin of their electricity. EACs are becoming the common denominating instrument for new energy markets beyond electricity such as for hydrogen. This session will describe how EACs fit into new markets, how additional tracking layers are being implemented in different countries, and the role of different stakeholders in these new attribute markets.

11:15 – 12:15

SESSION 2A

### Managing Growth, Volumes and Complexity

For better or worse, environmental tracking, accounting, and disclosure systems are becoming exponentially more complex. Transaction volumes are experiencing explosive growth as supply chain reporting and inbound regulations unlock new demand hubs. At the same, the introduction of new tracking and accounting systems are primed to enhance transparency and improve accountability, but will also increase reporting burdens for companies of all sizes. This session explores how emerging tools can help stabilize disclosure complexity in the Scope 3 arena and beyond—welcoming thought leaders to discuss how technology and accounting tools can streamline corporate reporting. The session will review new products and upgrades to existing tracking systems, providing insights on how to manage “complexity exposure” in a fast-changing reporting ecosystem.

11:15 – 12:15

SESSION 2B

### Unpacking the Hydrogen Code

By the time this session takes place, the I-TRACK Foundation, together with Avance Labs as Code Manager, will have launched an I-TRACK Standard Product Code for Hydrogen, [I-TRACK(HX)]. That said, clean hydrogen is still in its infancy and there are numerous challenges facing early-mover project developers. This session will review the I-TRACK for Hydrogen mechanism and broadly discuss how certification can reduce demand-side risk on long-term contracts. With an estimated 80% of hydrogen likely to be produced in the Gulf Coast Countries, Avance's placement in Abu Dhabi has it strategically positioned to be right in the middle of the action. Avance will lead an engaging panel—seeking to disseminate challenges and lessons while engaging the audience in charting the way forward.

13:30 – 14:30

SESSION 3A

### How Legislation is impacting I-REC(E) Markets

Amid Net Zero commitments and voluntary reporting frameworks, countries around the world are implementing new policies, regulations, and legislation to drive climate action and clean electricity consumption. As an example, the European CBAM could contribute to existential shifts in EAC markets and accelerate similar developments in other regions. This session will discuss key drivers of legislative change at both the national and regional levels, and provide insights on what market actors should expect next.

13:30 – 14:30

SESSION 3B

### The next Phase of Carbon Certification

The C-Capsule Product Code for Carbon Dioxide Removal (CDR) [I-TRACK(CDR)], is new but is no doubt going to be impactful. This ex-post, fact-based instrument is guaranteed to provide durable sequestration of GHG emissions on a 100+ year time horizon. Adopting established principles and procedures from REC markets will bring more transparency, integrity and credibility to the Voluntary Carbon Market, enabling scale of CDR technologies in line with Net Zero. This session offers the opportunity to learn more about the CDR Code and how C-Capsule is implementing this on a global scale, including innovative applications like CarbonSig. After a tumultuous year for carbon markets, this session will also look to the ex-post future of the sector.

## DAY 1 – I-REC STANDARD CONFERENCE

2 JULY 2024

15:00 – 16:00	SESSION 4A	SESSION 4B
<p><b>I-REC(E) Growth in Emerging Markets</b></p> <p>The I-REC(E) market is active in over 60 countries with the newest emerging markets growing at impressive rates. Emerging markets in Africa, Latin America, and Oceania are seeing similar growth patterns and are all looking to getting into the next phase of EAC implementation, a stable and impactful EAC market with continuous growth both in terms of players and volumes, adherent to the I-TRACK Foundation. This session will review growth trends in these new markets from supply and demand perspectives, introduce key stakeholders, and describe some market mechanisms creating success stories in emerging markets. The session will be relevant to end-users looking to source EACs in new markets, as well as brokers and intermediaries scaling up portfolios in previously inaccessible countries.</p>	<p><b>Advancing the I-REC for Electricity</b></p> <p>This session will explore the latest advancements in the I-REC for Electricity [I-REC(E)] market and associated digital infrastructure. There is voluntary interest and legislation suggesting the need for greater granularity in EACs and this comes with a need for novel solutions to make this possible. Through the use of technical developments, smaller devices might get greater access to EAC markets and sustainability labels can be quicker applied to EACs to better inform end-users about their purchases. This session will share firsthand experiences implementing some of these pilots and will discuss how other market participants can get involved.</p>	

16:30 – 17:30	KEYNOTE SESSION 5
<p><b>End-User Round Table</b></p> <p>The development of EAC markets is critical for supporting dialogue between governments and economic powerhouses including the Fortune 500s. While governments across the region have supported the development of clean energy markets, more work remains to be done. This session will bring together high-level panelists from the world’s leading brands to discuss progress to date, and remaining barriers that still impact meaningful clean energy procurement.</p> <p>Government and utility stakeholders are invited to join the conversation with an engaging question-and-answer session aimed at encouraging public-private dialogue and collaboration in support of low-carbon, high-yield economic growth.</p>	

## DAY 2 – I-REC STANDARD CONFERENCE

3 JULY 2024

<b>09:00 – 10:00</b> <b>SESSION 6A</b>	<b>09:00 – 10:00</b> <b>SESSION 6B</b>
<p><b>Volumes and Prices - Value of Renewables around the world</b></p> <p>This session will answer the single most frequently asked question in EAC markets: how much are they worth? End-users, power generators, and brokers alike will walk away with insights on benchmark prices to help guide sales and procurement in 2024. The world’s biggest environmental commodity retailers will take the stage to share insights on supply gaps, liquidity overflows, and how they are pricing EACs across different fuel types and geographies. Any market participant remotely involved in buy- or sell-side decisions in the EAC space should mark this session on their agendas and consider arriving in advance—space may be limited.</p>	<p><b>Managing Methane</b></p> <p>Methane will play a key role in the energy transition and is therefore here to stay. Tracking systems for methane and biogas remain in their infancy but developments are being implemented at high pace. The market and policy stakeholders need clearer definitions of how to track and transact biogas - an issue currently being addressed by the I-TRACK Foundation and its implementation partners. This session will provide a unique insight in worldwide developments and especially efforts being done in some of the largest potential markets, Brazil and Australia. Participants will also walk away with a unique view on a topic that is often overlooked - the contribution of methane leaks and what EAC markets can play an important role in reducing its role in global warming.</p>
<b>10:30 – 11:30</b> <b>SESSION 7A</b>	<b>10:30 – 11:30</b> <b>SESSION 7B</b>
<p><b>Europe: Finding Clarity in Complexity</b></p> <p>In 2023, there has been no shortage of legislative developments in the EU relating to certification of various energy products. This session will discuss the impact of the European Cross Border Adjustment Mechanism (CBAM), the RFNBO Delegated Acts, the RED III (TBC), and the CSRD. This session will discuss interlinkages between EAC markets and emerging regulations—highlighting the need for standardization of EACs to support the rollout of new accountability frameworks. EAC systems across the world will play a key role in ensuring credible Scope 2 accounting as it relates to the production of clean goods in an increasingly globalized trade economy.</p>	<p><b>Aligning the Industry: Corporate Accounting &amp; Market Boundaries</b></p> <p>Market boundaries are perhaps the most hotly debated topic in the EAC ecosystem. Voluntary accounting and disclosure frameworks, such as CDP, GHGP, RE100, and SBTi, provide some level “answers” to what is and is not acceptable in terms of cross-border transactions. However, voluntary market rules are changing (in line with upgrades to GHGP accounting systems) and need to be carefully harmonized with national energy policies and international accounting frameworks linked NDC accounting structures. This session will NOT answer the question of what specific cross-border transactions are permissible. Instead, it will bring together key decision makers, describe initiatives underway to harmonize cross-border “rules,” and provide a venue for the audience to share views on how the cross-border discussion should move forward.</p>
<b>12:00 – 13:00</b> <b>CLOSING KEYNOTE SESSION 8</b>	
<p><b>Interoperable Tracking Mechanisms across the Energy Value Chain</b></p> <p>With increasing scrutiny on supply chain emissions, EACs are emerging as an integral tool in providing a trustworthy and transparent account of the energy attributes of a product or process. The separate processes for Scope 1, 2, and 3 emission reporting are no longer considered in isolation. EACs are well-positioned to bridge the gap between elements of the supply chain. However, this will only be possible through interoperability of tracking mechanisms. This session will examine how full disclosure functioning EAC ecosystems can service all sectors and needs across the value chain.</p>	



## REGISTRATION

Fees for attending the I-REC Standard Conference 2024 on 2&3 July 2024	Early Bird Registration (Valid until 1 April 2024)*	Normal Registration (Valid from 1 April 2024 to 1 June 2024)*	Late Registration (Valid from 1 June until 1 July 2024)*
→ General Registration	€700	€800	€950
→ Accredited Market Facilitators	€550	€650	€800
→ End-consumer	€550	€650	€800
→ Government Officials or Not-for-profit Stakeholders	€450	€550	€700

The pre-conference sessions on 1 July are free of charge for registered conference delegates.

\* All rates are exclusive of 21% VAT.

\* For cancellation policy go to [www.trackingstandard.org/event](http://www.trackingstandard.org/event)

\* The I-TRACK Foundation may (at its sole discretion) change the format, speakers, participants, content, venue location and program or any other aspect of the I-REC Standard Conference (ISC) 2024 at any time and for any reason, whether due to force majeure, in each case without liability.

## VENUE

The ISC2024 will be hosted at the Grand Hyatt São Paulo in Brazil on 2 & 3 July 2024. São Paulo is an old city with plenty of historical flavor with building styles ranging from neo-Gothic and colonial style churches to more modernist architectural designs such as Oscar Niemeyer's curvy Edifício Copan.

### About the ISC2024 Venue

The Grand Hyatt São Paulo is situated in the city's vibrant commercial district and towers over the Avenida das Nações Unidas, in the heart of the Marginal Pinheiros district, a location conveniently near a number of corporate offices and many of São Paulo's shopping centers.

### Grand Hyatt São Paulo Address:

Avenida das Nações Unidas, 13301, Itaim Bibi District, São Paulo, CEP 04578-000, Brazil  
+55 11 2838 1234

### Booking Accommodations

Delegates interested in staying at the Grand Hyatt can use the link on our website to book their accommodation.

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### About The International Tracking Standard Foundation: Founder of I-REC

The International Tracking Standard Foundation: Founder of I-REC (I-TRACK Foundation) is a non-profit organization that provides a robust standard for developing attribute tracking systems. The I-TRACK Foundation is acknowledged by major reporting frameworks such as the Greenhouse Gas Protocol (GHGP), CDP, and RE100 as a reliable backbone for credible and auditable tracking instruments. 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 is committed to ensuring unbiased access to product information and allowing end-users to confidently procure products whose origins are well documented and clearly accounted for, thus empowering energy consumption choices around the world and supporting claims of generation, ownership, and history. The I-Track Foundation has requirements and global best practices written directly into the International Attribute Tracking Standard. These best practices require all market facilitators to act in a way that is transparent, fair, and equitable to all market players. In this way, each Market Player can be guaranteed the same opportunities.

