

COP-30 SIDE EVENTS – Prof. Emilio Lèbre La Rovere (Centro Clima/COPPE/UFRJ)

Monday 10 November 2025

13:00 – 14:00

Título: Governança Climática e Implementação do Plano Clima

Organizador: Ministério de Meio Ambiente e Mudanças Climáticas, Brasil

Local: Espaço Brasil, Zona Verde, Sala Jandaíra

Tuesday 11 November 2025

9:00 - 18:00

Local: Museu das Amazônias – Armazém 4A do Porto Futuro II – Av. Mal. Hermes, 14, Reduto

Title: Planejamento da Transição Energética Brasileira

09h00-10h00: Credenciamento, Boas-Vindas & Abertura

. **Suzana Kahn, Diretora da COPPE**

. **Ricardo Piquet, Diretor Geral do Instituto de Desenvolvimento e Gestão**

10h00-11h30: **Importância do Planejamento Energético para a Descarbonização da Matriz Energética Brasileira**

. **Moderação: Suzana Kahn** – Diretora da COPPE/UFRJ

. **Gil Maranhão** – Special Advisor of the CEO, ENGIE Brasil

. **Paulo Pinto** – Diretor-Presidente da Norte Energia

. **Solange Ribeiro** – Diretora-Vice-Presidente da Neoenergia

. **Joisa Dutra** – Diretora do Centro de Estudos em Regulação e Infraestrutura da FGV

11h30-12h30: **Hidrelétricas e a Segurança Energética no Brasil**

. **Moderação: Carolina Dubeux** – COPPE/UFRJ

. **Emilio La Rovere** – Professor COPPE/UFRJ

. **Marisete Pereira** – Presidente executiva da Associação Brasileira das Empresas Geradoras de Energia Elétrica (ABRAGE)

. **Veronica Rios** – Diretora-Presidente, Agência Nacional de Águas e Saneamento Básico (ANA)

12h30-14h00: Almoço livre

14h00-15h00: **Papel das Hidrelétricas no Desenvolvimento Tecnológico**

. **Moderação: Marco Aurélio Santos** – COPPE/UFRJ

. **Flávia Teixeira** – Environmental, CSR & Energy Transition Manager da ENGIE Brasil

. **Agnes da Costa** – Diretora da Agência Nacional de Energia Elétrica (ANEEL)

. **Rodolpho Zahluth Bastos** – Secretário Adjunto de Gestão e Regularidade Ambiental – Governo do Estado do Pará

15h00-16h00: **Alternativas para Mitigação das Emissões de Gases de Efeito Estufa nas Hidrelétricas**

. **Moderação: Andrea Santos** – COPPE/UFRJ

. **Marco Aurélio Santos** – COPPE/UFRJ

. **Carolina Dubeux** – COPPE/UFRJ

. **Silvia Cabral** – Diretora de Regulação, Comercialização e Sustentabilidade da Norte Energia/UHE Belo Monte

Tuesday 11 November 2025 16:30 – 18:30

Lançamento Revista Parcerias Estratégicas edição especial COP30, incluindo o artigo “Mobilização de Capital para o Clima: O Papel das Garantias” de Maria Netto, Emilio Lèbre La Rovere, Lucca Rizzo, Victoria de Castro e Jean-Charles Hourcade

Organizador: Centro de Gestão e Estudos Estratégicos - CGEE

Local: Casa da Ciência, Museu Emílio Goeldi

Wednesday 12 November 2025 9:30 - 11:30

Title: Climate-Compatible Freight Transport: how to enhance international cooperation?

Organisers: UIC, KCC, IDDRI

Description:

Highlight freight's climate impact, showcase solutions, explore policy/NDC scaling, foster international cooperation, and identify actionable themes across Avoid & Shift, Resilience, and Policy.

Speakers:

Lucie Anderton, UIC

Akshay Jamdade, SLOCAT

Stefanie Sohm, Kuehne Climate Center

Gudmundsson

GIZ/Rabea Schmecht

Emilio Lebre La Rovere, Univ. Federal of Rio de Janeiro, Deep Decarbonization

Pathways initiative

Sophie Punte, Life-Links

Anna Perez Catala, IDDRI

Marta Torres Gunfaus, IDDRI

Joo Hyan Ha (UIC and/or KCC)

Mohammed Hegazy (Climate Champions Transport Lead)

Wednesday 12 November 2025 18:30 - 20:00

Title: Transição Justa e Adaptação Climática - um diálogo empresarial global.

Location: Side Event Room 2 (Blue Zone)

Organizers: ARPEL, USCIB, IPIECA

Description: we will explore the role of global business in shaping just transition and climate adaptation initiatives. With insights from both regional and global leaders, it highlights how private sector innovation can foster inclusive, market-relevant adaptation strategies that support sustainable development and just transition goals.

Key questions:

What role does the private sector play in implementing just transition initiatives?

How can adaptation serve as a tool for enabling just transition?

Just transition implementation looks different in different parts of the world – how can the private sector be a leader in ensuring responsiveness and localization?

What are some of the key takeaways for governments to consider when developing and implementing just transition and adaptation policies?

How can industrial policy best enable the private sector to accelerate implementation?

Thursday 13 November 2025, 18:00 – 20:00

SUSTAINABLE DEVELOPMENT: TOWARDS A COLLABORATIVE CLIMATE ECONOMY

Carbon Trading System for the BRICS: Building a Common Carbon Market

Location: Casa Sustentabilidade Brasil

Organizers: In partnership with Machado Consulting and National Association of PROMINP Graduates (ANDP)

Description: The global carbon economy is rapidly evolving and the BRICS nations have a unique opportunity to establish a cooperative framework for carbon trading that reflects their shared priorities in development, equity, and sustainability. How could a BRICS Carbon Trading System accelerate the transition towards low-carbon industries and support national net-zero commitments? What lessons can be drawn from the EU ETS and other regional carbon markets to ensure equitable participation among BRICS and BRICS+ countries? How might digital finance and blockchain technology enhance transparency, liquidity, and access for small and medium enterprises and local communities?

Moderator: Amilton Machado Costa, Director-General, Machado Consulting; President, ANDP

Speakers:

Evgeniy Khilinskiy, Vice President, Gazprombank; Chair of the Russian chapter of the ESG and Green Finance Taskforce of the BRICS Business Council

Representatives from India, Indonesia and Ethiopia (to be confirmed)

Beatriz Silva, Gerente de Projeto da Secretaria Nacional de Mudança do Clima (SMC), Ministério do Meio Ambiente e Mudança do Clima (MMA)

Cristina Reis, Subsecretary of Sustainable Development, Ministry of Finance in Brazil (to be confirmed)

Prof. Emilio La Rovere, Professor, Energy Planning Program at COPPE/Federal University of Rio de Janeiro, Brazil

Community Leader, Quilombo do Acará (PA) (to be confirmed)

Friday 14 November, 16:15 - 17:15

Location: Regional Climate Foundations – RCF Pavilion, Blue Zone

Organizers:

- COPPE/UFRJ, Federal University of Rio de Janeiro
- **Partner:** Instituto Clima e Sociedade – iCS (Climate and Society Institute)

Title: Redirecting global savings towards climate investments in developing countries: urgency, means, and benefits

Description:

Redirecting global savings towards climate investments in developing countries is urgent to avoid a bifurcation of these countries towards development paths incompatible with the 1.5°C and 2°C temperature stabilization targets. Cooperative approaches supported by guarantee mechanisms (for example, a multi-sovereign guarantees architecture) may contribute to this redirection and deliver the short-term development and macro financial benefits in developing countries. The event will launch a debate about how to exploit this potential by launching a circle of trust between project initiators on the ground, private and public financial institutions, and governments.

What does the panel want to answer?

1. How to reframe the North-South discussion about climate finance and redirect private savings to climate-friendly investments through derisking initiatives?
2. How to obtain short-term economic and social gains for developing countries and the world economy using guarantee mechanisms?
3. From theory to practical proposals: Green Guarantees Group - GGG, Multilateral Sovereign Guarantee Architecture – MSGA, Global Guarantee Facility – GCF and others.

Panelists:

Moderator: E. L. La Rovere – Professor, Head, Centro Clima/COPPE/UFRJ (Brazil), emilio@ppe.ufrj.br

Walter De Simoni – Climate Policy, Institutions and Law Manager Head, iCS (Brazil), maria.netto@climaesociedade.org

D. Dasgupta – Consultant, TERI (India), dipak.dasgupta@teri.res.in

Victoria Bittner – Green Guarantees Group – GGG (Germany), Victoria.Bittner@bmwe.bund.de

Stefan Raubenheimer – Consultant, Country Platforms Hub (South Africa) and Children's International Fund Foundation - ClIFF, Stef.Raubenheimer@outlook.com

Comments

The proposal of an multi-sovereign guarantees architecture - MSGA is backed by a Submission to the Baku to Belém Roadmap to 1.3T posted in the UNFCCC website in March 2025 by a group of scientists working on climate and development finance including within the IPCC.

The GGG works to produce solution-oriented recommendations for fostering a significant increase in the use of green guarantees.

MIGA and FICs and others are building the Global Guarantee Facility (GGF) in support of the group of emerging and existing Country Platforms. The GGF is aimed at \$10bn.

Terça-feira 18 de novembro de 2025

15:00 – 16:00

Plano Clima Mitigação e Nova NDC: Avaliando os Impactos Macroeconômicos e Sociais da NDC, rumo a uma Transição Justa no Brasil

Local: Espaço Brasil, Zona Verde, Sala Jandaíra

Speakers:

Moderador: E. L. La Rovere – Professor Titular, Coordenador Centro Clima/COPPE/UFRJ

Aloisio Melo, Secretário Nacional de Mudança do Clima, MMA

Representante do Banco Interamericano de Desenvolvimento - BID

William Wills, EOS

Davi Bontempo, Confederação Nacional da Indústria - CNI

Marta Torres Gunfaus, Institut du Développement Durable et des Relations Internationales (IDDRI)

Wednesday 19 November 2025 14:00 – 15:00

10th Year review of the Paris agreement; the role of science and international diplomacy to up ambition

Organiser: Institut du Développement Durable et des Relations Internationales (IDDRI)

Location: Spanish Pavilion

The event will focus on the dynamics of the Paris Agreement's ambition mechanisms, with an emphasis on the role of science and international diplomacy, including that of national scientific bodies (or equivalents) in key countries such as Brazil, India, China, as well as in France and potentially in the European Union. The idea would be to create a space for exchange comparing the concrete experiences of these scientific institutions and diplomatic efforts with the ambition mechanisms and the theory of change underlying the Paris Agreement, in a context of a widely recognized lack of collective ambition.

Moderator: Marta Torres Gunfaus. Director / Climate Programme / IDDRI.

Speakers:

Marc Serra Solé. President of the Climate Action and Energy Transition, Member of the Provincial Council of Barcelona / Spain

Vaibhav Chaturvedi. CEEW / India.

Jean Francois Soussana. High Climate Council / France.

Elena López Gunn. Founder and Director ICATALIST / Member European Scientific

Advisory Board on Climate Change. Senior Researcher Royal Elcano Institute / Spain

Emilio Lèbre La Rovere. Professor, Centro Clima / Federal University of Rio de Janeiro / Brazil.

Wednesday 19 November 2025 16:00 – 17:30

Da Inovação à Implementação: ciência, tecnologias, instrumentos financeiros e regulatórios para a transição de energia, indústria e transporte.

Location: iCS Pavilion, Blue Zone

Speakers:

Thelma Krug (moderator)

Emilio La Rovere/ Professor, Centro Clima, Federal University of Rio de Janeiro,

Thiago Barral, Ministry of Mines and Energy, Brazil

Petrobras Representative

Thursday, 20 November 2025

Title: *Delivering for People and Nature under Article 6 and New Markets*

Hosts: Korea Climate Change Center and Gold Standard

Time: 11:30 a.m. – 1:00 p.m.

Location: Side Event Room 2

Thursday, 20 November 2025

UFRJ – IIASA OFFICIAL UNFCCC SIDE EVENT AT COP 30

Overshoot, justice and multilateral sovereign guarantee mechanisms in climate policy and finance

Time: 16:45 – 18:15

Location: Side Event Room 5 (Blue Zone)

Theme:

Latest scenarios by different modelling teams show that overshooting causes irreversible impacts, limits to adaptation, and loss and damage.

Just transition policies can include a multilateral sovereign guarantee mechanism allowing for development and financial benefits in developing countries.

Panel 1: Overshoot, just transition and adaptation

- K. Riahi (IIASA), Bill Hare (Climate Analytics), F. Denton (UNU-INRA, Ghana), A. Santos (COPPE/UFRJ, Brazil).

Panel 2: Multilateral sovereign guarantee mechanisms of climate finance

- E. La Rovere (COPPE/UFRJ, Brazil), J.C. Hourcade (CIRED, France), M. Srivastava (TERI, India), M. Netto (ICS, Brazil); H. C. De Coninck (Eindhoven Univ.), M. Grubb (Univ. College London, UK).

Subject area: Mitigation; Just transition; Loss and damage; NAPs / NDCs; Climate Finance

Additional comments

The implications of overshooting the Paris Agreement temperature limit, including irreversible impacts, limits to adaptation, and loss and damage, demand ambitious and just policies to reduce emissions, informed by the latest scenario science with a broad set of equity considerations.

This proposal of multi-sovereign guarantees architecture is backed by a text written by a group of scientists working together for years on climate and development finance including within the IPCC; it gave room to a Submission to the Baku to Belém Roadmap to 1.3T posted in the UNFCCC website in March 2025.