



In partnership with:



The webinar will start shortly
(at 15:00 CET)

Regional Dialogues on Planning-to-Investment for Latin America and the Caribbean

Session 1: Investor Signals from Energy Plans



If you have **Questions** for the speakers please use the **Q&A** function



The **slides** and **recording** will be made available here:



Session 1 - Agenda

Duration	Agenda item
03 min	Opening
12 min	Welcome remarks: Brazil, IDB, IRENA
10 min	Framing presentations. IRENA, GCEP
20 min	Country, implementation, and finance perspectives. Guatemala, Brazil, Proinversión Perú, IDB Invest.
42 min	Panel Discussion.
03 min	Closing and looking ahead - session host.

Welcome Remarks



Mr. Sergio Ayrimoraes

Director of Department of Statistics and Energy Efficiency. National Secretariat of Energy Transition and Planning. Ministry of Mines and Energy of Brazil- GCEP Chair.

Welcome Remarks



Mr. Arturo Alarcón

Senior Energy Specialist. Inter-American Development Bank

Welcome Remarks



Mr. Mike Enskat

Director Innovation and Technology Centre.
IRENA - GCEP Secretariat.

IRENA Presentation



Mr. Ricardo Gorini

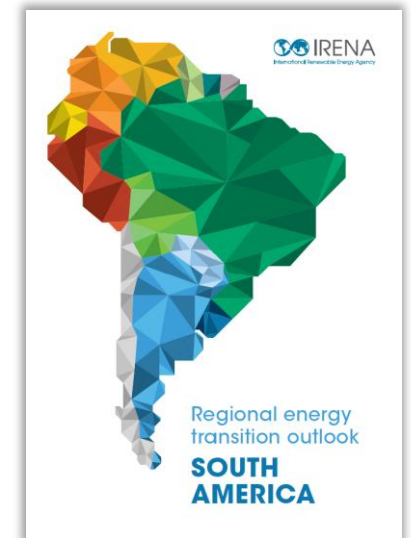
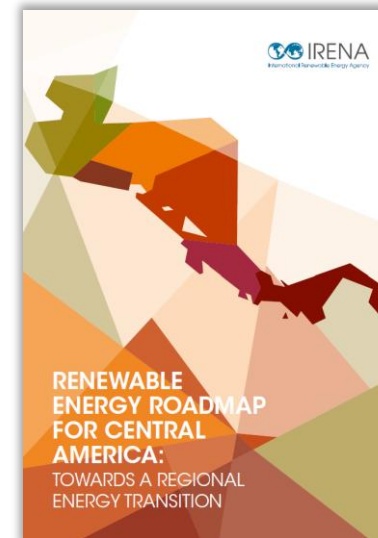
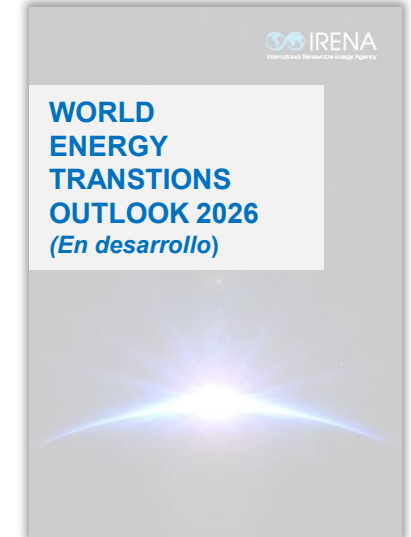
Head of Remap.

International Renewable Energy Agency (IRENA)

Perspectivas de Transición Energética: globales (WETO) y regionales (RETOs)

Estrategia para seguridad energética, competitividad y objetivos climáticos

- **Fundamento:** seguridad energética, competitividad/asequibilidad, metas climáticas
- **Inversiones relacionadas con la transición energética:** expansión de energías renovables, eficiencia energética y infraestructura energética, incluyendo oportunidades de desarrollo industrial sostenible, y cadenas de valor
- **Desarrollo de estrategias para la transición energética sectorial (transporte, industria, edificaciones):** base nacional, con perspectivas 2030, 2040 y 2050
- **Identificación de rutas de transición que aprovechen los recursos energéticos locales** (hidráulica, solar, eólica, biomasa, geotermia, etc.), considerando el contexto socioeconómico, institucional y regulatorio de cada país
- **Planes energéticos regionales,** desarrollados a partir de los planes nacionales, en modelos de optimización energética
- **Customización a los intereses regionales y cuestiones relevantes nacionales**

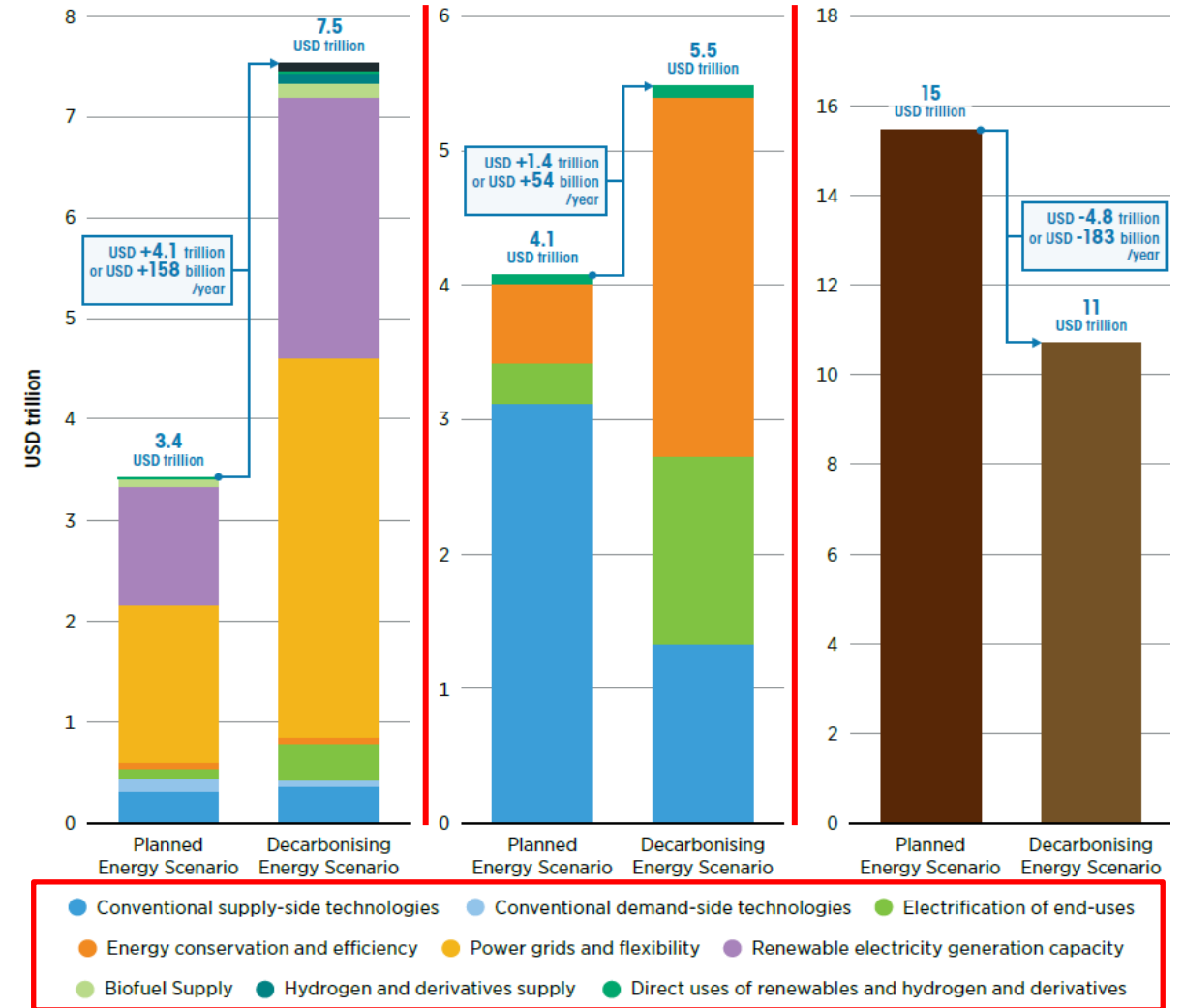


RETO Suramérica

Tendencias del mercado tecnológico, seguridad y competitividad, costos-inversión, reducción de riesgos

- **Tendencias del mercado:** evolución de la matriz energética de los sectores y penetración de tecnologías de transición energética – tamaño del mercado. Ej. 3X-RE, doble eficiencia energética; equipos de uso final; TAFF – impacto en los combustibles fósiles)
- **Fundamento – Seguridad & competitividad:** optimización del uso de los recursos energéticos de la región con una perspectiva integrada. Ej.: SIESUR – Integración en la transmisión, almacenamiento, comercio de materias primas energéticas, SAF-bioenergía)
- **Costos-inversión:** mapeo de acciones y proyectos beneficiosos para los países, y cálculo de inversiones necesarias y su focalización, evaluación del gasto de combustibles. Ej.: aumento de inversión en eficiencia energética, electrificación, renovables
- **Reducción de riesgos:** identificación de brechas en políticas, mecanismos e instrumentos que faciliten las inversiones - recursos necesarios, reducción del costo de capital y mitigación de riesgo de proyectos. Ej.: programas de financiación específicos para tecnologías o fuentes

Inversión, costos de adquisición y combustibles (acumulado 2025-2050) PES vs DES



GCEP Secretariat Presentation



Mr. Juan Jose Garcia

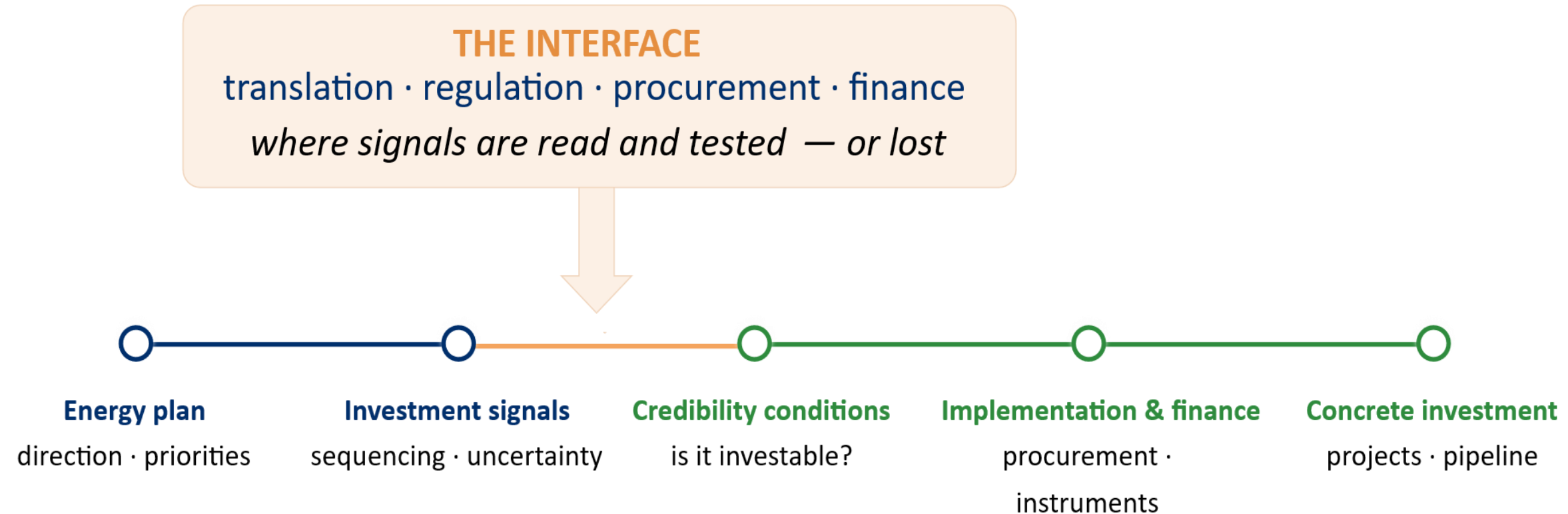
Programme Officer

IRENA | GCEP Secretariat

THE PLANNING-TO-INVESTMENT INTERFACE

From energy plans to investment dialogue

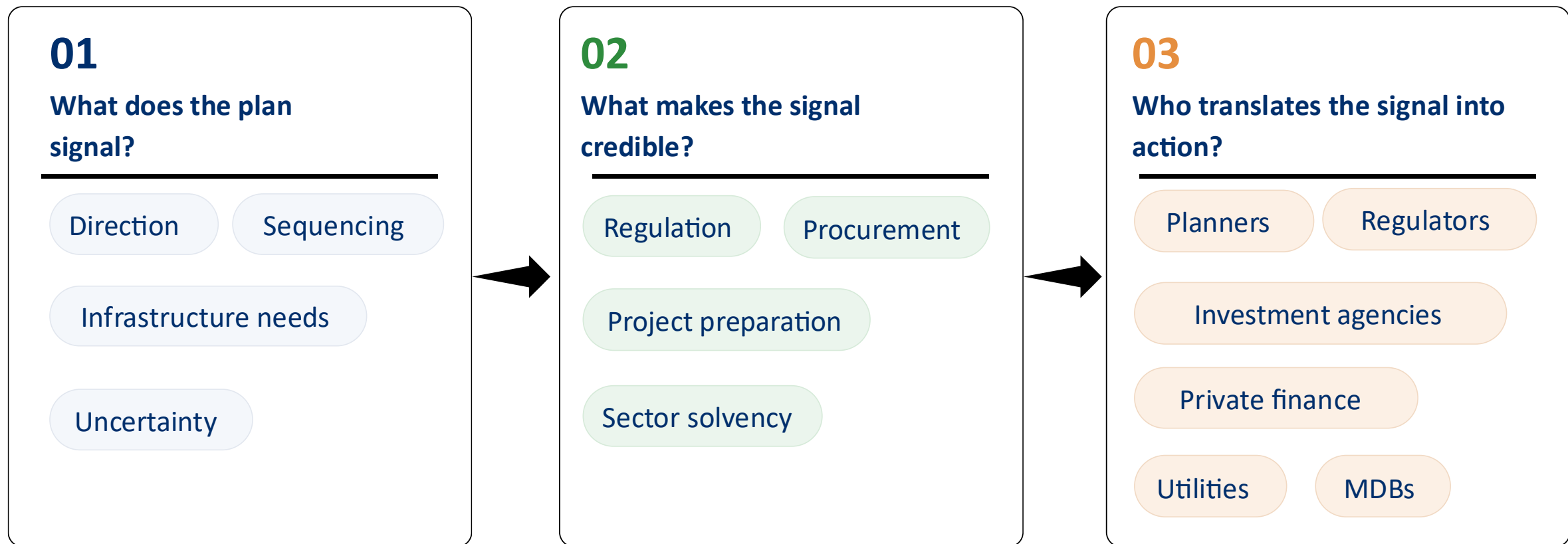
Energy plans show direction. Investment actors need signals they can read, test, and use.



A WORKING FRAME FOR THE DISCUSSION

Three lenses for today's discussion

Three parts that interact, use them to place each point in the conversation.



Not a checklist — the quality of the connection between the three is what makes a plan investable.

Country and institutional perspectives



Mr. Gabriel Velasquez

Head of the Energy and Mining Unit. Ministry of Energy and Mines, **Guatemala**

Country and institutional perspectives



Mr. Rafael Theodoro Alves e Mello

Technical Consultant. Energy Transmission
Superintendency, **EPE Brazil**

Regional Dialogues on Planning-to-Investment Latin America and the Caribbean

Session 1: Investor Signals from Energy Plans

Rafael Mello

Transmission Planning Division

Empresa de Pesquisa Energética – EPE – Brazil

2nd June 2026



About EPE – Energy Research Office



Federal state-owned institution linked to the Ministry of Mines and Energy



We provide energy studies and statistics to support the development, implementation, and evaluation of national energy policy.

Why does EPE plan the transmission expansion?



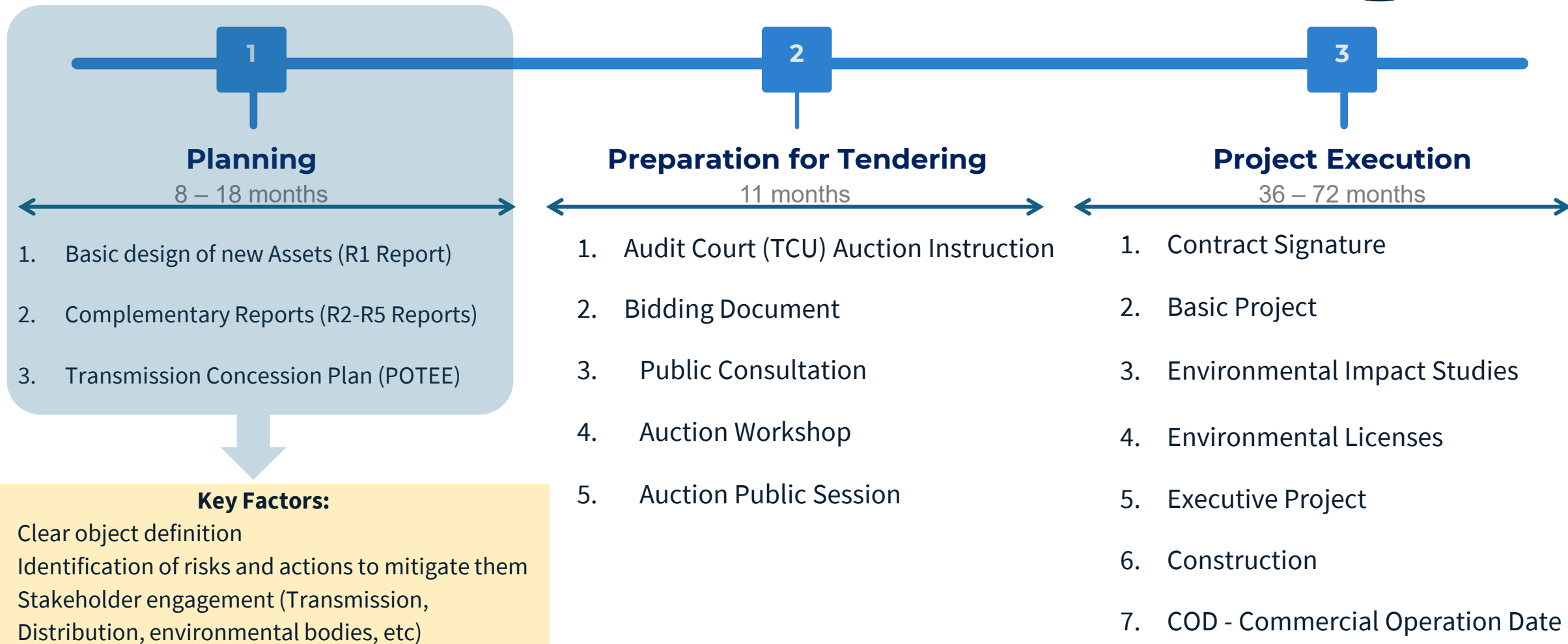
In most countries, transmission planning is executed by the **Transmission System Operator (TSO)** or **Independent System Operator (ISO)**.

In Brazil, EPE takes charge of this activity, **guided by macro-directives** of MME.

Advantages

- Energy Planning is made within a **single institution**
- **Cross-sector approach**, incorporating synergies
- **Independent entity**, which leads to less biased solutions

Transmission Auctions Timeline



Main Institutions Involved:



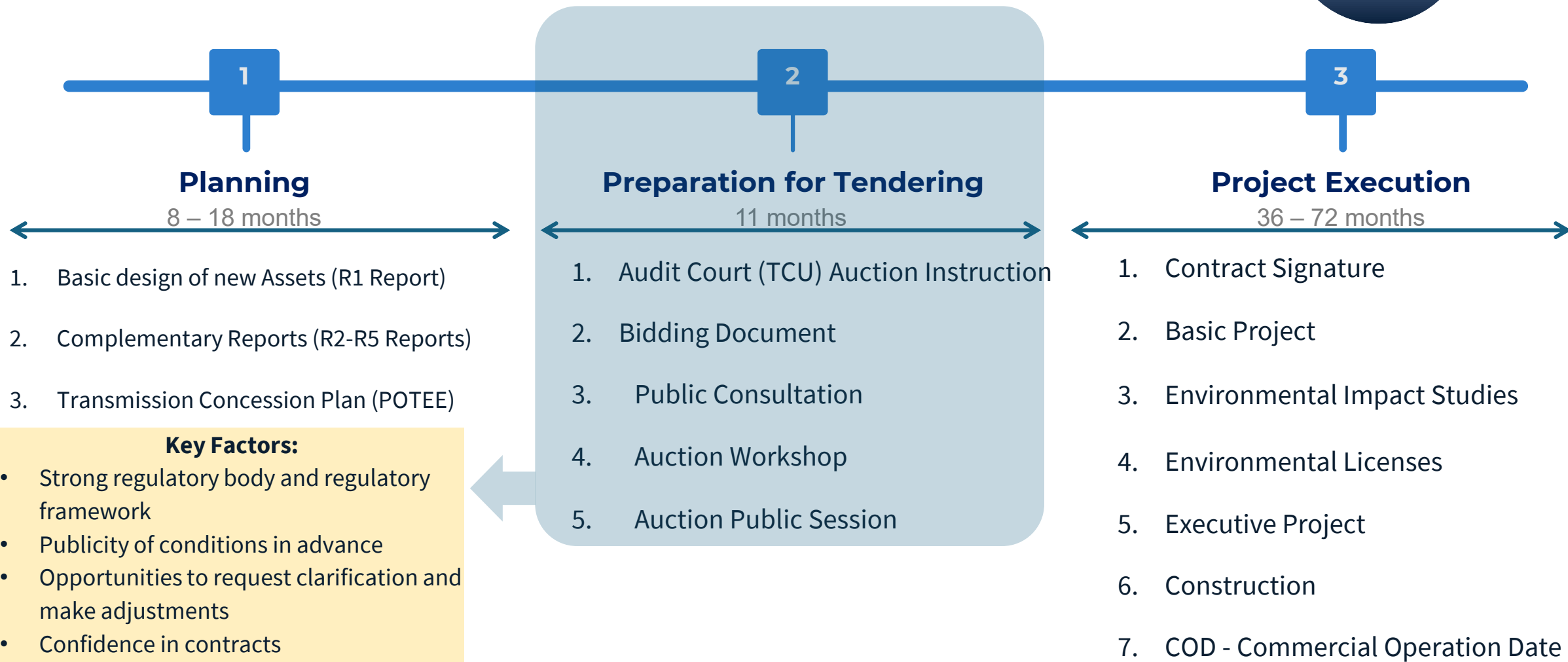
Main Institutions Involved:



Main Institutions Involved:

Independent Transmission Companies

Transmission Auctions Timeline



Main Institutions Involved:



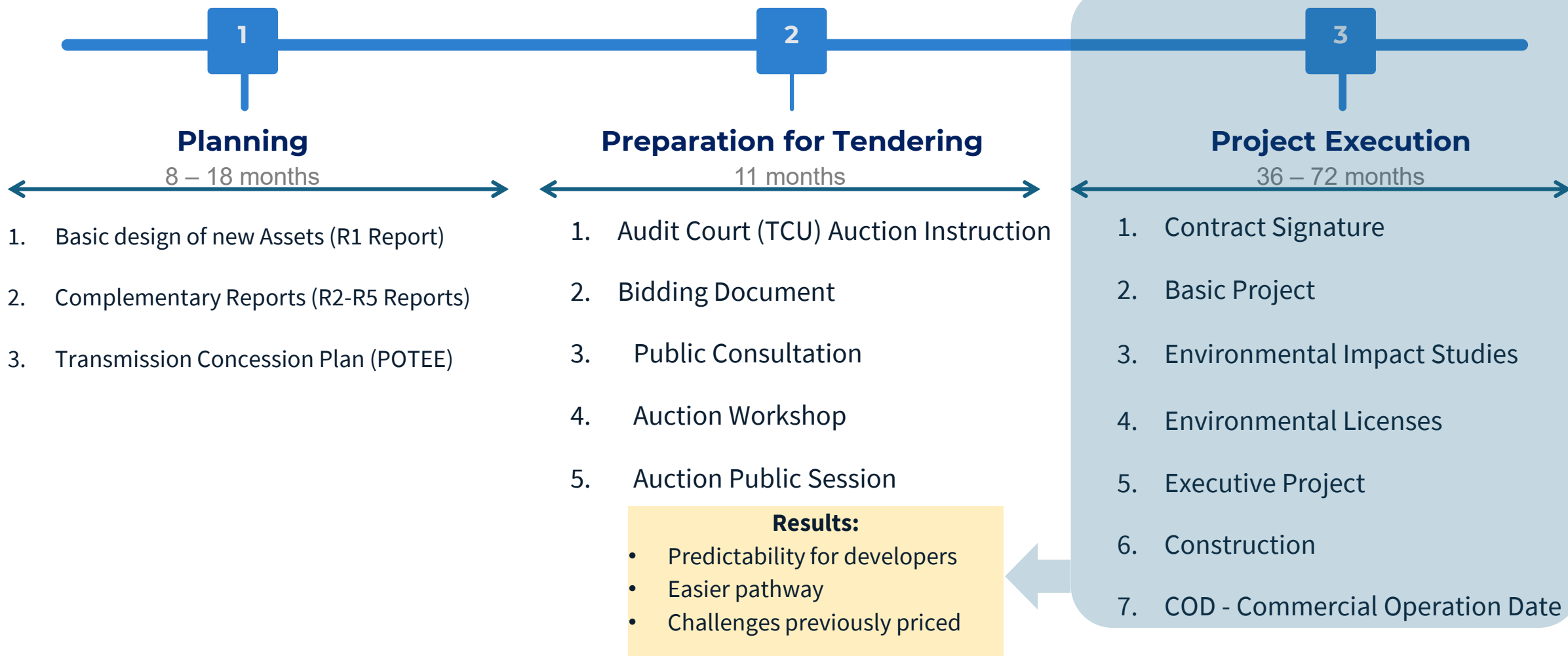
Main Institutions Involved:



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Independent Transmission Companies

Transmission Auctions Timeline



Main Institutions Involved:



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Main Institutions Involved:

Independent Transmission Companies



THANK YOU



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54 Praça Pio X – Centro – Rio de Janeiro/RJ

Country and institutional perspectives



Mr. Renzo Rojas Jiménez

Project Director for Electricity and Hydrocarbons.
Proinversión Perú.

Country and institutional perspectives



Mr. Rafael Matas Trillo

Head of the Southern Cone - Infrastructure and Energy.
IDB Invest

Panel Discussion



Moderator

Mr. Arturo Alarcón

Senior Energy Specialist. Inter-American Development Bank

Upcoming sessions

<p>Session 2 11 June 2026</p>	<ul style="list-style-type: none">• Grids, flexibility, and storage as investability conditions
<p>Session 3 18 June 2026</p>	<ul style="list-style-type: none">• Institutional configurations and instruments that mobilise capital.

Thank you for your attention



Contact us: GCEP@irena.org

LinkedIn:

Website: <https://gcep-energy.org>

