

WIRELESS WORLD  
RESEARCH FORUM

# HUDDLE 2025

6G: The New Frontier

Making the business case for new technologies & emerging markets

23 - 24 SEPTEMBER

BRASILIA

Hosted by



In Partnership with



# UTC America Latina



## WHO WE ARE

The leading telecommunications and technology association for energy, gas, and water in Latin America. We promote professional development, global partnerships, and enhanced safety in critical operations.

## WHAT WE DO

UTCAL gives voice to the utility workforce who create and maintain mission critical communications systems that help keep the lights on, the water flowing and the gas glowing.

# UTC America Latina

## VISION

To be a benchmark in best practices, specialized knowledge, and strategic representation in telecommunications and operational technology for utilities in Latin America.

# Core Members

**BREnergia**  
Renovável

 **Celesc**  
Distribuição S.A.

 **Eletrobras**

 **ITAIPU**  
BINACIONAL *MAIS QUE ENERGIA*

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# Associate Members



## KEY AREAS OF ACTIVITY

- ✓ Energy Transition
- ✓ Smart Grids
- ✓ IoT
- ✓ Spectrum Advocacy
- ✓ AI for Utilities
- ✓ Cybersecurity
- ✓ Government and Institutional Relations
- ✓ International Representation (ITU, 3GPP, etc...)

The real challenge for 5G has been investment. 4G/5G has proven to be such a good technology for both public and private networks that it has been difficult to justify investment in 5G: the improvements over 4G are not sufficient to justify extra expenditure.

The issue for utilities remains the same as before:

**Resilience:** it's difficult to see any improvement in 5G over 4G as the key element is power resilience: 5G technology itself cannot improve resilience;

**Latency:** although 5G technology can offer lower latency than 4G, from a utility perspective it's end-to-end latency which is importante and that is dependent on network architecture.

# Obrigado!

## UTCAL is at your disposal!