



WACREN Network Expansion Launch – Panel

Regional Research Connectivity for Climate and Sustainable
Development

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Why Regional Digital Infrastructure Matters

Infrastructure as the backbone for:

- Climate resilience – forecasting, disaster management
- Agriculture – precision farming, food security
- Renewable energy – smart grids, regional planning
- Sustainable development – data-driven policies, inclusive growth

👉 *Regional challenges demand regional infrastructure — without it, data and services stay fragmented and ineffective.*



Why Ghana as Host?

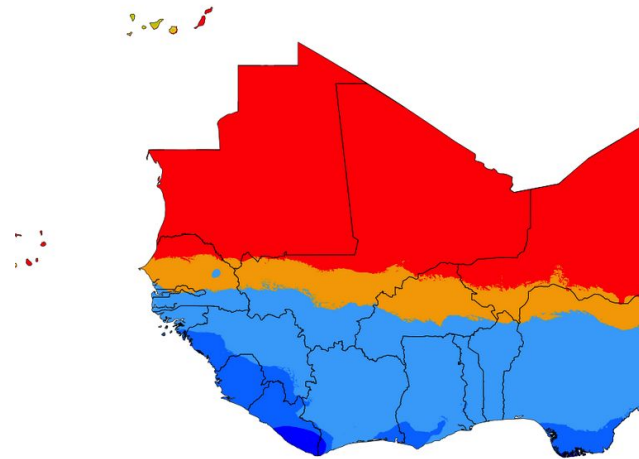
- **Strategic Alignment:** WACREN HQ/NOC/PoP in Accra anchors Ghana as a natural hub.
- **Institutional Strength:** GMET, GSSTI, UENR, MESTI already connected in national and regional projects.
- **Symbolic Leadership:** With Ghana we can model how **national coordination** can scale to **regional impact**.



Ghana's Leadership, Regional Vision

- **Ghana as the Right Testbed:**
 - Large and complex enough to stress-test regional infrastructure.
 - Coordinated enough to manage complexity and show results.
- **Strong Anchors:** Government, academia, and research already collaborating.
- **But the Vision is Regional:**
 - Shared backbone and data services across borders.
 - Trust fabrics (eduID, federated identity, secure cloud) underpin collaboration.

👉 *Ghana models how to turn national assets into a regional ecosystem.*



The Launch as a Turning Point

Today's panel will explore:

- How digital infrastructure enables climate research & resilience.
- The EUMETCast Terrestrial Data Portal as a flagship service.
- HPC integration for advanced research.
- Partnerships & capacity building for sustainability.

👉 *We expect concrete commitments from panellists and reflections from the audience to shape the path forward.*



From Connectivity to Climate Action

Connectivity → Reliable backbone and shared digital infrastructure.

Open Data → Accessible climate and research datasets across the region.

Skills → Training, HPC integration, data literacy, and capacity building.

Climate Action → Evidence-based policies, resilient agriculture, renewable energy, disaster preparedness.

👉 *Connectivity is not an end — it is the multiplier that turns data into resilience and sustainable development.*



Panel Agenda

- *Opening Framing — 10 min*
- Strategic Perspectives — 15 min
- Flagship Case: EUMETCast Portal — 20 min
- Audience Q&A — 10 min
- Capacity Building & Partnerships — 10 min
- Commitment Round — 10 min

National and regional priorities align through connectivity, open data, and skills for climate resilience.