

AI IN GREEN BUSINESS

Technology Meets Tradition, Innovation Meets Humanity

Presented by:

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Theme: "Balancing Prosperity and Heritage: Indigenous Lands, Big Corporations, and Sustainable Futures"

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THE PROMISE OF AI IN SUSTAINABILITY

"AI is not just about machines thinking faster; it's about humans acting wiser."

AI can reduce greenhouse gas emissions by up to 4% by 2030 — equivalent to Australia, Canada, and Japan's annual emissions combined

IN AFRICA

AI-driven climate tools help farmers reduce post-harvest losses and improve yields by 20–30%

IN CANADA

AI maps biodiversity and prevents deforestation in First Nations territories

INTEGRATING TRADITIONAL KNOWLEDGE

"Whose data drives this progress? Whose voices shape these systems?"

- **Indigenous communities** in Canada and smallholder farmers in Kenya hold ancestral wisdom — reading the land, wind, and seasons.
- **AI should not overwrite tradition** — it should amplify it.
- **When we align digital intelligence** with ecological wisdom, we create innovation that listens before it acts.
- **Collaboration ensures** innovation respects Indigenous sovereignty and ecological heritage.

APPLICATIONS OF AI IN GREEN BUSINESS

- **Smart Agriculture:** Precision farming, pest control, post-harvest management, soil health monitoring.
- **Renewable Energy:** Optimizing wind, solar, and hydro systems through AI.
- **Forest Protection:** Satellite imagery monitoring forest health and preventing deforestation.
- **Circular Economy:** Automated waste sorting and recycling analytics.
- **Climate Finance:** AI models guide ethical investments for sustainability.

THE CHALLENGE: EQUITY & ACCESS

600+ Million Africans lack reliable internet access

- **Digital divide:** AI benefits concentrated in urban/corporate spaces while rural communities remain excluded.
- **Indigenous data sovereignty:** "Who owns our data? Who benefits from our knowledge?"
- **Risk of digital colonization:** Without equity, AI becomes another form of exploitation.
- **Path Forward:** Build AI that learns from local experience, respects land rights, and empowers communities.
- **Co-creation is key:** Using technology to restore balance between people, planet, and prosperity.

THE VISION: A WORLD TRANSFORMED

"A world where algorithms protect forests, digital twins simulate sustainable cities, and farmers and Indigenous leaders co-design solutions with scientists."



**TRANSFORMING COMMUNITIES IN AFRICA THROUGH
AGRITECH & CLIMATE TECH 
USING AI & BLOCKCHAIN TECHNOLOGY**

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*Working in the AgriTech & Climate Tech space
to transform African communities using AI and
Blockchain*

PACC POLICY

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**LET AI SERVE HUMANITY — TOGETHER, WE SHAPE HISTORY
THROUGH ACTION IN 2025**