

Weaving the Web: A Transformative Framework for Women’s Health Measurement

Redefining Metrics Through AI, Equity, and Intersectionality Lenses

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Authors: Dr. Alphonsus Neba (APHRC), Dr. Lucy Wakiaga (APHRC), Assist. Prof. Elvin Eziamu (University of Windsor),
Dr. Emmanuel Okechukwu (Veritas University, Abuja), Francis Muoghalu (Veritas University, Abuja),
Prof. Perpetua Ibekwe (University of Abuja), Prof. Titus Ibekwe (University of Abuja)

1. Introduction & Problem

- Current women’s health metrics (DALY, QALY, etc.):
- Remain reductionist
- Focus on clinical outcomes; neglect socio-cultural, economic, and behavioural determinants
- Lack contextual sensitivity for LMICs
- Gaps: unpaid care work, the effects of GBV, and repressed reproductive autonomy.

2. Objectives

1. Develop an inclusive women’s health measurement framework.
2. Build an AI-powered interactive tool.
3. Empower policymakers & practitioners with actionable evidence.
4. Strengthen capacity for intersectional gender-sensitive analysis.

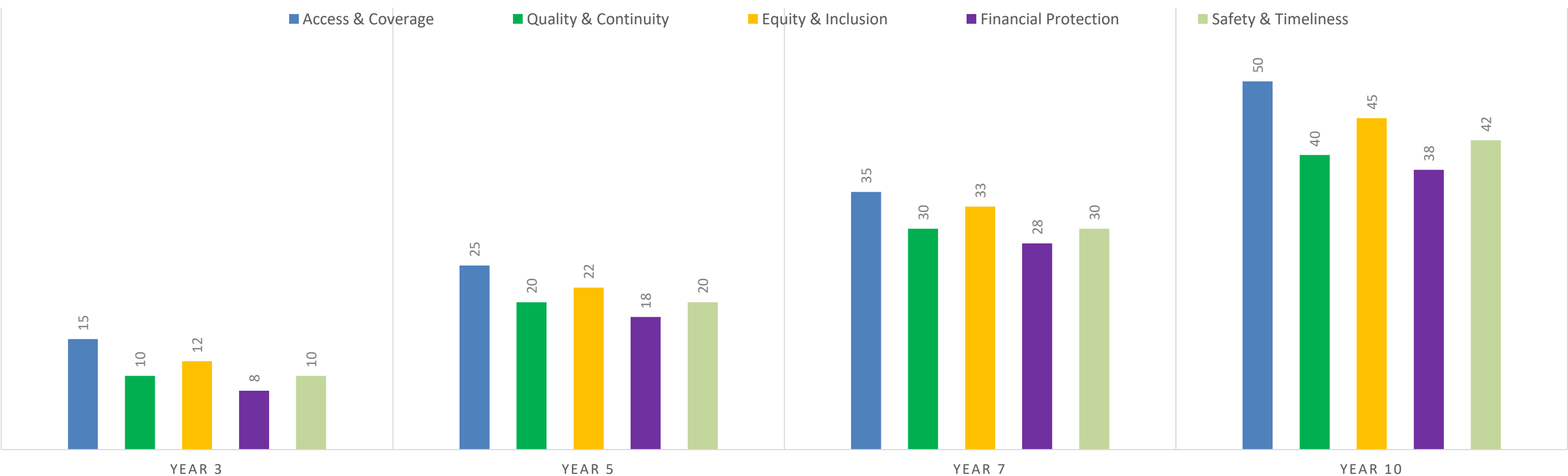
3. Methodology (Phased Approach)

- Phase 1:** Data integration, participatory mapping, and ethics.
- Phase 2:** AI/Geospatial model design, indicator development.
- Phase 3:** Pilot testing in Kenya & Nigeria.
- Phase 4:** Dissemination, capacity building, policy dialogues.
- Phase 5:** Sustainability & scale-up strategy.

6. Impact

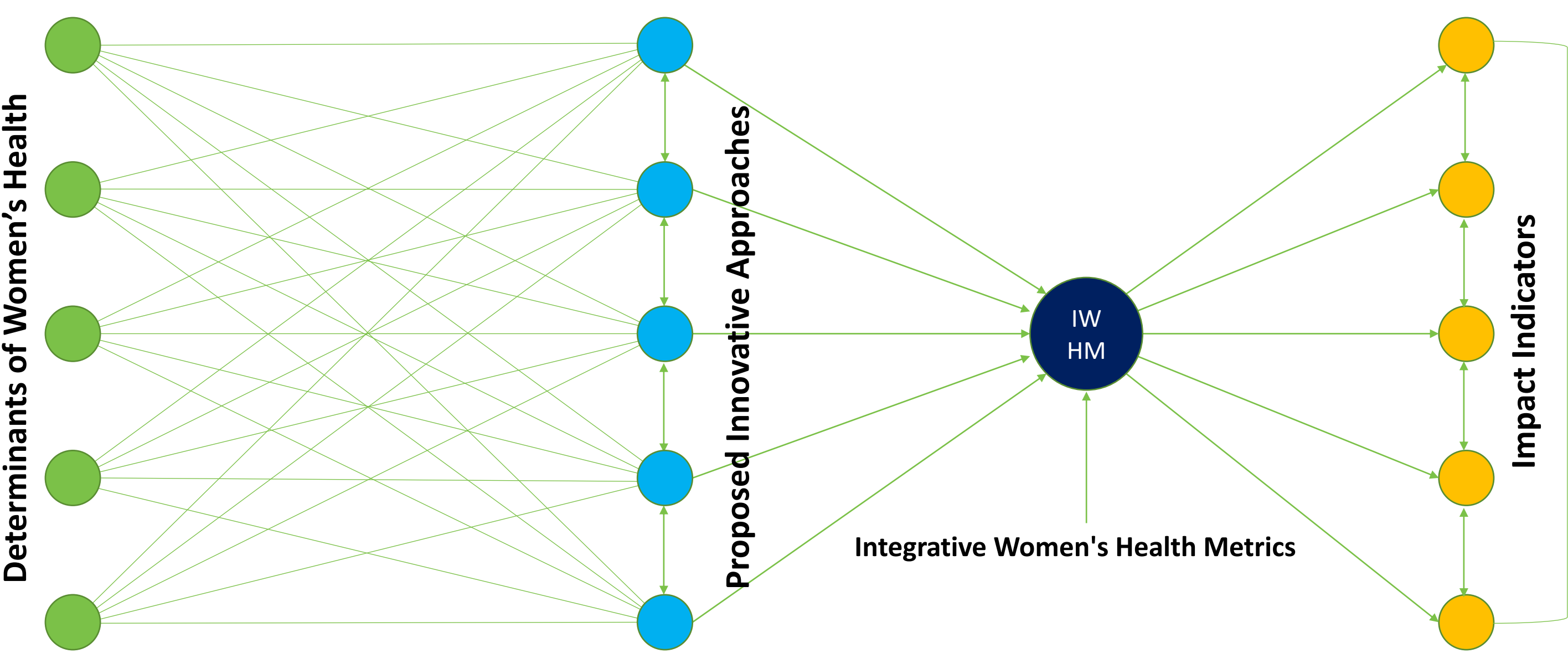
- Equity: Address hidden disparities & amplify marginalized voices.
- Policy: Inform national health policies & resource allocation.
- Global relevance: Scalable to LMICs & global contexts
- Sustainability: Open-access, national, regional, and cross-continental ownership, inclusive, diversified funding.

Projected Impact of the Weaving the Web Project (3–10 Years)



4. Innovation/Conceptual Framework

- AI-powered, multidimensional framework.
- Participatory data mapping with women’s groups.
- Intersectional indicators (biomedical, social, economic, psychological).
- Open-access dashboard & predictive policy tools.



5. Expected Outcomes

1. Validated multidimensional women’s health framework.
2. AI-powered open-access policy tool with dashboards & simulations.
3. Evidence-based policy briefs & implementation frameworks.
- 4A. 120 key stakeholders, 60 women leaders empowered on intersectionality analysis.
- 4B. Institutionalized adoption in Kenya & Nigeria.

7. Conclusion

The *Weaving the Web* project presents an ambitious yet practical framework and vision for transforming how women’s health is described, measured, and managed in Kenya and Nigeria, with the potential to be scaled to other countries. By integrating diverse data sources and community-driven insights with modern modeling techniques, this project, through the Integrative Women’s Health Measurement (IWHM) Framework, presents a unique innovation that significantly shifts policy, empowers women, and unlocks more equitable and sustainable health outcomes. We can seed a future where no woman is invisible in the data, and no health system is blind to her needs.

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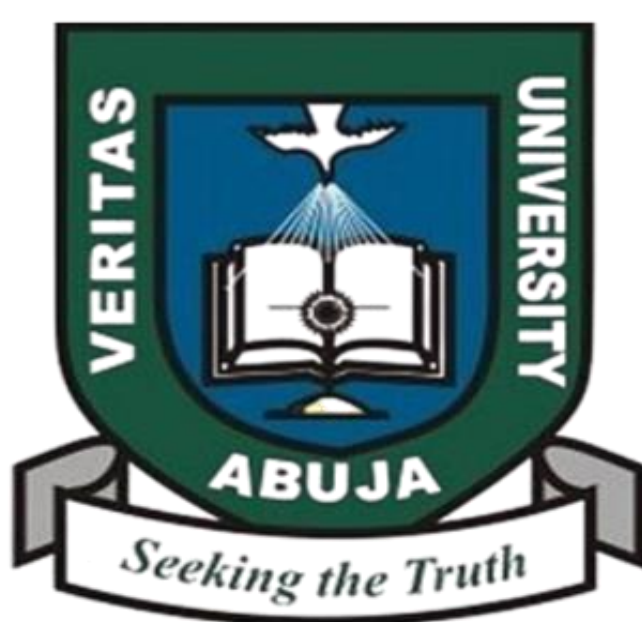
Corresponding Authors: Dr. Alphonsus Neba (APHRC): aneba@aphrc.org and Dr. Emmanuel Okechukwu (Veritas University, Abuja): okechukwu@veritas.edu.ng



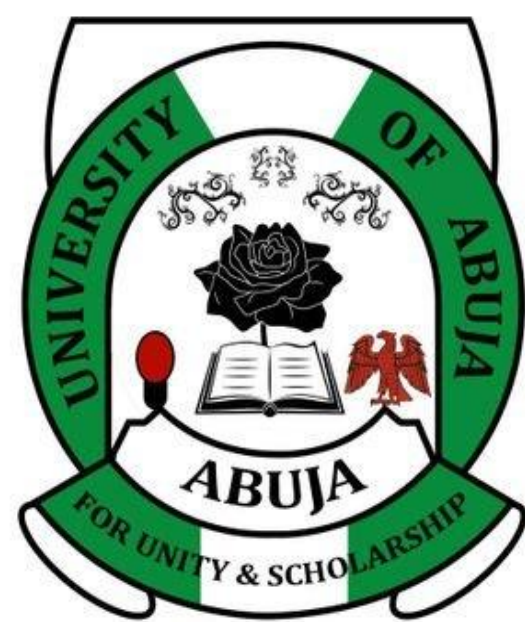
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