The Integrated Production Hub Model: local potential, made *bankable*.

The IPHM is AMPM Futures' development framework. We built it inside a real project, refined it across four countries, and aim it at one outcome: integrated systems that reach bankability. Production, processing, energy, water, digital management and community ownership are designed as one economic system.

SEVEN LAYERS, ONE BANKABLE SYSTEM

07 Global markets & export platforms
Offtake agreements and export logistics that anchor revenue from the first day of design.

06 Processing & value addition
The margin-capturing layer: processing at source instead of exporting raw.

05 Integrated production systems
Agriculture, aquaculture, fisheries and livestock designed to feed each other and the processing core.

04 Energy & water infrastructure
Renewable, self-sufficient systems that de-risk operations and decouple hubs from grid fragility.

03 Digital infrastructure: AI, IoT and ICT
Cloud-based platforms integrating monitoring, predictive analytics and granular farm management.

02 Community skills & ownership platforms
Training, cooperative structures and enterprise development make communities participants and owners.

01 Local resource base
Every hub begins with what a place can genuinely produce: land, water, fisheries, livestock, energy potential.

Read bottom-up. Each layer de-risks the ones above it.

> Developed through real project work, not theory: the model took shape between 2019 and 2022 in the Cape Verde Fishery & Agri-Tunnel PPP, and has been applied and refined across Zambian agriculture, Namibian livestock and Cameroonian renewable energy.

THE DE-RISKING LOGIC

Market risk · diversified by design.
Revenue across poultry, fish, vegetables, processing and energy; internal offtake means each system has a buyer before it has a market.

Production risk · controlled environments.
Climate-resilient agri-tunnels, controlled aquaculture and precision systems with predictive analytics.

Infrastructure risk · hubs own their systems.
Energy, water and logistics inside the hub design rather than dependent on fragile public systems.

Social risk · communities share in ownership.
Community ownership aligns local interest with project success from the first day, by design.

FROM CONCEPT TO FINANCIAL CLOSE

Originate **· resource identification and integrated concept design.**
Deliverable: project concept & development brief.

Prove **· feasibility, site assessment and engineering with proven partners.**
Deliverable: feasibility evidence base.

Structure **· bankable business plan, offtake, risk allocation, funding strategy.**
Deliverable: a project that capital can commit to.

Deliver **· funding mobilisation, deployment, then replication.**
Deliverable: an operating hub, and the next one.

US$1tn
Projected size of Africa's food & beverage markets by 2030, per the World Bank.

US$75bn
Africa's annual food import bill, per the African Development Bank, 2023.

US$1.57tn
Global impact-investing AUM, growing 21% a year since 2019, per the GIIN, 2024.

US$137m+
In structured development across AMPM Futures' four current flagship projects.

Sources: World Bank, Growing Africa, 2013; African Development Bank, Dakar 2 Summit, 2023; GIIN, Sizing the Impact Investing Market, 2024. All project figures are targets or projections, stated per development stage.

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