BeanyBot Investor Pitch Deck

1. Vision

BeanyBot is a solar-ready, voice-activated humanoid robot designed to revolutionize cocoa farming

in Ghana. It automates labor-intensive tasks, operates day and night, and connects to an AI cloud

brain powered by ROS2 on Microsoft Azure.

2. Problem

Cocoa farmers face labor shortages, climate variability, and high costs. Manual harvesting is slow

and inefficient, and nighttime labor is nearly impossible without reliable lighting and automation.

3. Solution

BeanyBot is a low-cost humanoid field assistant that walks rows of cocoa trees, identifies ripe pods,

picks them with dexterous arms, and delivers them to collection bins. It's modular, upgradeable, and

controlled remotely via a secure cloud connection.

4. Product

The current 3-foot prototype includes:

- 3D printed exoskeleton

- Battery power system

- Cloud-connected ROS2 brain

- Voice recognition (Whisper)

- Speech output (Coqui TTS)

- Simulated walking in Isaac Sim

- Headlight module for night picking

5. Market

Targeting 1M+ smallholder cocoa farms in Ghana and West Africa, expanding to other crops and

regions in Phase 2. Global ag-robotics market projected to exceed $20B by 2030.

6. Business Model

Hardware-as-a-Service (HaaS):**BeanyBot Investor Pitch Deck**

- Monthly rental or subscription to BeanyBot

- Optional maintenance and training packages

- Future marketplace for bot upgrades and parts

7. Traction

- Working prototype in ROS2 and Isaac Sim

- Custom voice + AI stack operational

- Patent sketch and claims filed

- Cloud integration on Azure VM

- Fall 2026: full demo with arm movement and light harvesting

8. Financial Ask

We are seeking $250,000 in pre-seed funding to:

- Complete functional v1 prototype (jetpack/parachute optional)

- File full non-provisional patent

- Conduct in-field pilot test in Ghana

- Build team and secure first manufacturing contract

9. Why Now

Robotics costs have fallen. Open-source tools like ROS2 and Whisper make humanoid automation

more accessible. AI and cloud connectivity are becoming essential even for rural farms. Ghana is

investing in agtech infrastructure.

10. Team & Advisors

Founder: Selwyn Noble

- Business Administration Senior, Arizona State University

- Patent author, startup builder, future PhD candidate in AI & Robotics

Looking to expand team in Fall 2025 with Ghanaian partners and robotics advisors.**BeanyBot Investor Pitch Deck**

11. Contact

BeanyBot Robotics Corporation

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Location: Nevada + Ghana (2026 Pilot Launch)