Name of Solution:

Decision Support Systems

Submitter: Gates Foundation

Solution Overview: *What is it, and what problem does it solve? Brief 2–3 sentence description.*

Complete here: BMGF supports various digital decision making and services tools — like video-based agri-extension, market linkage platforms, scheme tracking systems, and livestock management solutions — to address challenges in market access, decision-making, and extension gaps, for improving productivity, farm price realization and system efficiency.

Key Features & Benefits: *Main components and why it is useful? Bullet points summarizing methods, tools, and value added.*

- **Video-based agri-extension →** Delivers timely, localized advisory to farmers, improving knowledge and practices.
- **Market linkage platforms →** Connects farmers to buyers and markets, boosting price realization and reducing dependency on middlemen.
- **Web-based scheme monitoring (Bihar & Odisha-ADIDASS) →** Tracks implementation challenges and gaps, enabling quicker government response and better scheme delivery.
- **Livestock management solutions (LMIS) →** Enhances animal health and productivity through digital tracking and advisory.
- **Integrated agriculture platform (Konnect Odisha) →** Connects diverse stakeholders (farmers, buyers, service providers) for streamlined coordination, better decisions, and stronger value chains..

Where It Works and Where It Can Work: *Existing and potential target regions, agroecologies, or farming systems. Include examples if available*

Complete here: Currently working in Bihar, Odisha, and Andhra Pradesh — relatively poor, agriculture-dependent states in India — these digital tools can be applied in countries better suited with internet access and smart phone penetration. In areas lacking connectivity, an agent-based model can replicate the approach, making it valuable wherever extension services and market access are weak, especially in agriculture-driven economies

Evidence & Impact: *What results has it shown? Stats, pilot outcomes, or testimonials*

Complete here: It has improved access to ecosystem players, reduced information asymmetry, and enabled phygital access to farmer-centric services.

Scalability & Adoption Support: *Why it can be scaled and what's needed to adopt it? Low-cost, adaptable, partner-ready, etc.*

Complete here: These solutions are low-cost and adaptable, allowing customization to local crops, livestock systems, and market needs. With proven models and early successes in India, they offer clear pathways for replication in other agriculture-dependent regions. In areas with limited connectivity, an agent-based approach using local agents with smartphones ensures effective last-mile delivery and adoption.

Partners & Contact Info: *Who's involved and how to connect? List of key contact and partners + email / phone.*

Complete here: