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## Adoption of Digital Banking Services Among Rural Women Agripreneurs: A Review

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#### *ABSTRACT*

## Original research paper

The expansion of digital banking services presents a unique opportunity to improve financial inclusion for rural women agripreneurs. These services offer convenience, security, and access to financial tools that can enhance agricultural productivity and entrepreneurship. However, adoption remains uneven due to socio-cultural, technological, and economic barriers. This review explores existing literature on the adoption of digital banking among rural women agripreneurs, identifying key influencing factors, theoretical frameworks, and gaps that merit future research.

### 1.0 Introduction

The digital transformation of financial services is reshaping access to credit, savings, insurance, and payment systems across the globe. For rural women engaged in agriculture and agribusiness-often referred to as agripreneurs-digital banking offers unprecedented opportunities for empowerment, efficiency, and resilience. These services can significantly lower transaction costs, enhance market linkages, and improve financial management. Despite these potential benefits, the adoption of digital banking remains uneven, particularly among rural women in developing economies. Globally, nearly one billion women remain excluded from the formal financial system, with the gender gap in account

Globally, nearly one billion women remain excluded from the formal financial system, with the gender gap in account ownership especially pronounced in South Asia and Sub-Saharan Africa (World Bank, 2022). Rural women, who are disproportionately involved in subsistence agriculture and informal economies, face compounded barriers to financial inclusion due to intersecting issues such as illiteracy, digital

inequality, lack of mobile device ownership, and entrenched gender norms.

Digital banking services-especially mobile money platforms like M-Pesa in Kenya, bKash in Bangladesh, and Paytm in India-have demonstrated the potential to disrupt these barriers when tailored to local needs. However, empirical evidence reveals that adoption among rural women agripreneurs is not only a matter of technology access but also social trust, economic feasibility, and usability. Studies have shown that women's trust in mobile financial platforms and perceptions of relevance to their livelihoods significantly influence adoption behavior (GSMA, 2021; IFC, 2022).

Furthermore, agripreneurship among rural women is often characterized by low levels of formalization, small operational scales, and informal value chains, which limit their interactions with formal financial institutions. Digital banking tools-ranging from USSD-based transactions to

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mobile-based savings and microcredit-can potentially bridge this gap by offering women autonomy in managing finances without needing physical access to bank branches. Yet, the effectiveness of these interventions depends on contextual factors such as digital literacy, infrastructural readiness, community support, and the availability of tailored digital financial products (FAO, 2020; OECD, 2019).

Consequently, this review seeks to critically analyze current research on the adoption of digital banking among rural women agripreneurs. It aims to explore the enablers and barriers that shape adoption, evaluate the impact of existing programs, and identify knowledge gaps. By synthesizing diverse findings, this review contributes to both academic discourse and policy planning aimed at enhancing gender-inclusive digital financial ecosystems in rural agricultural sectors.

## 2.0 Theoretical Framework

Understanding the adoption of digital banking among rural women agripreneurs requires drawing on multidisciplinary theories. Three primary frameworks have consistently been applied across gendered technology adoption and rural financial inclusion studies:

## 2.1 Technology Acceptance Model (TAM)

Developed by Davis (1989), the **Technology Acceptance Model** posits that perceived usefulness (PU) and perceived ease of use (PEOU) are the two core drivers of a user's intention to adopt a technology. In rural settings, these constructs extend to encompass women's ability to **understand**, **control**, and **trust** mobile financial services (MFS). Recent work (e.g., Sarpong*et al.*, 2021) shows that when women perceive mobile banking as enhancing farm productivity or offering flexibility in financial control, adoption likelihood increases-even in low-literacy contexts.

## 2.2 Unified Theory of Acceptance and Use of Technology (UTAUT & UTAUT2)

This model, refined by Venkatesh*et al.* (2003), builds on TAM and integrates:

- Performance Expectancy
- Effort Expectancy
- Social Influence
- Facilitating Conditions

In UTAUT2, constructs like **hedonic motivation**, **price value**, and **habit** are added-making it particularly relevant for consumer behavior in rural agribusiness contexts. Women's adoption of digital banking tools is often shaped by **peer validation**, **community agent presence**, and **infrastructure readiness** (Asongu&Odhiambo, 2020).

## 2.3 Diffusion of Innovations Theory (DOI)

Everett Rogers' (2003) theory emphasizes how innovations spread over time and through social systems. Five innovation characteristics influence adoption:

- Relative advantage
- Compatibility
- Complexity
- Trialability
- Observability

In rural agripreneurship, for example, women are more likely to adopt mobile wallets that are **simple**, **visible in use**, and **support collective farming initiatives**. Informal cooperatives and peer-led demonstrations serve as powerful platforms for accelerating adoption (Kabir et al., 2022).

## 2.4 Financial Inclusion and Capability Theory

This newer framework goes beyond access to explore **functional use** and **economic empowerment**. It suggests that digital tools only translate to empowerment if users can **understand**, **trust**, and **apply** them in decision-making (Senyo*et al.*, 2020). For rural women, **contextual trust**-in the technology, the institution, and the agent-is often more critical than technical competence.

## 2.5 Conceptual Framework

Drawing from the theoretical models above, the following **conceptual framework** outlines the multidimensional factors affecting digital banking adoption among rural women agripreneurs:

- 1. Technological Factors
- Mobile phone ownership and type (basic vs. smartphone)
- Network availability and mobile service coverage
- **Usability of platforms** (e.g., USSD vs. app-based)
- 2. Individual-Level Factors
- Perceived ease of use
- **Perceived benefit for agribusiness** (e.g., digital payments to suppliers/customers)
- Financial literacy and digital literacy
- 3. Socio-Cultural Factors
- Spousal/household influence on decision-making
- Cultural acceptability of women transacting alone
- Social networks and peer effects (role of savings groups or cooperatives)
- 4. Institutional and Ecosystem Factors
- Availability of agent banking outlets and mobile money agents
- Presence of NGO or government-backed training or incentive programs
- Trust in financial institutions and platforms
- 5. Economic and Business Model Variables
- Cost of services and mobile data
- Access to markets, e-commerce opportunities, and digital value chains

• Linkages to micro-credit and savings groups

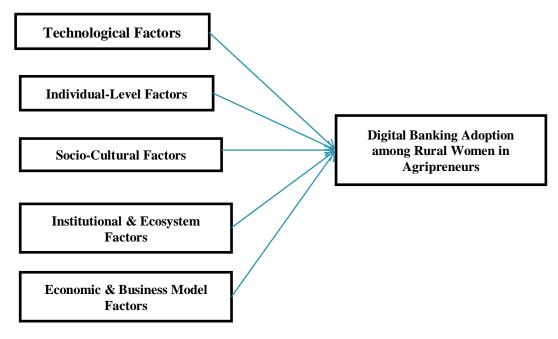


Figure 1: Conceptual framework

### **Key Components:**

- Technological Factors: Device ownership, internet access, and platform usability.
- **Individual-Level Factors**: Perceptions of utility, ease of use, and digital literacy.
- **Socio-Cultural Factors**: Peer influence, gender norms, and household dynamics.
- **Institutional & Ecosystem Factors**: Access to agent networks, support programs, and trust.
- Economic & Business Model Factors: Affordability, market access, and credit linkages.

These elements converge toward the central outcome: **enhanced digital banking adoption** among rural women in agriculture.

## 4.0 Research Methodology

## 4.1 Research Design

This study adopts a **qualitative**, **exploratory research design** employing a **systematic literature review** (**SLR**) and **case study analysis** to explore the adoption patterns, barriers, enablers, and implications of digital banking services among rural women agripreneurs. The review is underpinned by interpretive analysis, aiming to synthesize findings from both academic literature and real-world interventions between 2015 and 2024.

#### **4.2 Data Collection Methods**

The methodology consists of two primary stages:

## **Stage 1: Systematic Literature Review**

A structured search was conducted across multiple academic databases, including:

Scopus

- Web of Science
- Science Direct
- JSTOR
- Pub Med
- Springer Link
- Taylor & Francis
- Sage Journals

#### **Search Keywords Included:**

- "digital banking", "mobile money", "digital financial services"
- "rural women", "female farmers", "agripreneurs", "financial inclusion"
- "adoption", "barriers", "gender", and "financial empowerment"

#### Filters applied:

- **Publication years**: 2015–2024
- **Languages**: English
- **Document types**: Peer-reviewed articles, program reports, and policy briefs

#### **Stage 2: Case Study Compilation**

To contextualize theoretical findings, **six in-depth case studies** from diverse geographies (Africa, South Asia, Latin America, Southeast Asia) were reviewed using:

- Field reports from NGOs and development partners (e.g., BRAC, Oxfam, Techno Serve)
- Project evaluation summaries from IFC, UNCDF, and GSMA
- Grey literature and success stories from fintech providers and agricultural cooperatives

These cases were selected based on:

• Focus on rural female agripreneurs

- Presence of digital banking intervention
- Availability of measurable outcomes

## **4.3 Inclusion and Exclusion Criteria Included:**

- Studies focused on digital financial adoption by rural women, especially in agriculture
- Empirical data reporting adoption rates, barriers, or impact
- Case studies of projects with gender and agri-finance focus

#### **Excluded:**

- Urban-focused financial inclusion studies
- Digital banking adoption unrelated to gender or agriculture
- · Opinion articles lacking empirical or field evidence

## 4.4 Analytical Approach

The study employed **thematic analysis** to categorize findings into recurring domains such as:

- Digital literacy
- Gender norms
- Infrastructure
- Trust and risk perception
- Group-based adoption mechanisms
- Perceived economic value

A **comparative synthesis** was also performed across geographies and project typologies to identify context-specific versus cross-cutting patterns.

The results were framed using three theoretical lenses:

- Technology Acceptance Model (TAM)
- Unified Theory of Acceptance and Use of Technology (UTAUT2)
- Diffusion of Innovation Theory (DOI)

Each theme was triangulated with at least **two sources** (academic + field evidence) to ensure validity and reliability.

## 4.5 Limitations

- Data Dependence: This review is based on secondary data; absence of primary fieldwork may limit contextual granularity.
- Access Challenges: Not all interventions report disaggregated data by gender, geography, or device type.
- Publication Bias: Many successful case studies are documented; failed interventions may be underreported.

Despite these limitations, the synthesis provides a robust and nuanced understanding of the complex ecosystem influencing digital banking adoption among rural women agripreneurs.

## 5.0 Results and Discussion

This section synthesizes findings from multiple thematic strands of research and field reports on digital banking adoption among rural women agripreneurs. The discussion reflects the interaction of digital finance with rural agribusiness dynamics, gender roles, technology access, and socio-economic infrastructure.

## 5.1 Digital Literacy and Usability Barriers

A consistent finding across studies is that low levels of digital literacy hinder the adoption of mobile banking among rural women. Many agripreneurs are either uneducated or semiliterate, and are unfamiliar with mobile interfaces or banking terms. In rural Uganda and Bangladesh, for example, even women who own phones often rely on male family members to complete transactions due to fear of making errors (GSMA, 2021; IFC, 2022).

**Discussion**: This finding underscores the importance of **financial and digital literacy training** as a prerequisite for effective adoption. Programs that offer visual or audio-based user interfaces and local-language mobile banking tools see significantly higher adoption rates among women farmers.

## 5.2 Gender Norms and Household Decision-Making

Cultural expectations and patriarchal norms restrict women's financial autonomy in many rural areas. In Kenya, Ethiopia, and parts of India, research shows that men still control most household-level financial decisions. Even when digital banking accounts are in a woman's name, men may use them or dictate their use.

**Discussion**: These norms limit the effectiveness of digital banking for **genuine financial empowerment**. Adoption may be high in numeric terms but low in terms of **functional agency**. Digital interventions must therefore be paired with **gender-transformative programming**, such as community sensitization and inclusive household financial planning.

## 5.3 Mobile Money Agents and Rural Infrastructure

Physical proximity to **agent banking outlets** and the presence of reliable **network coverage** significantly influence adoption. Studies in Sub-Saharan Africa found that women in communities with dense mobile agent networks were up to 45% more likely to use mobile financial services (Tirivangasi*et al.*, 2021).

**Discussion**: This points to the importance of **last-mile infrastructure** in determining adoption outcomes. In areas where fintech firms or banks have deployed women-led agent networks, uptake has improved notably due to enhanced trust and localized support.

## **5.4 Trust and Fraud Concerns**

Concerns around fraud, identity theft, and misinformation also play a large role. In Ghana and Nigeria, many women reported being scammed or receiving fraudulent SMS messages, which discouraged them from further use of mobile banking platforms (Amoako & Gyamfi, 2020).

**Discussion**: Trust-building mechanisms such as **community-based training**, **co-branded fintech-NGO initiatives**, and **real-time support lines** are essential to alleviate fear. Additionally, women-specific platforms that emphasize security and verification mechanisms have seen higher retention.

## 5.5 Group-Based Financing and Social Influence

The role of women's groups, agricultural cooperatives, and savings groups has emerged as a strong enabler of adoption. Women who participate in collective farming or financial groups are more likely to adopt digital wallets or savings apps, especially if they are used for group dues or inputs.

## **Synthesis of Key Findings**

**Discussion**: This highlights the value of leveraging **collective behavior** and social capital. Adoption is often a **social process**, and programs that work through existing female networks tend to outperform individual-targeted approaches.

## **5.6 Perceived Business Value**

Studies in India and Latin America revealed that women are more likely to adopt and sustain digital banking tools when they perceive clear business utility—for example, receiving payments from buyers, paying for farm inputs, or accessing micro-insurance for crops.

**Discussion**: Digital tools need to **align with agribusiness workflows**. Offering bundled services (e.g., weather alerts + payment tools + credit access) within platforms can significantly increase long-term use and retention.

Symmetry 1 mings					
Theme	Barrier/Driver	Policy Implication			
Digital Literacy	Low literacy → fear of use	Visual/audio tools; local-language UIs			
<b>Gender Norms</b>	Male control of finances	Gender-sensitive community engagement			
Infrastructure	Agent presence increases adoption	Expand women-led agent networks			
<b>Trust and Security</b>	Fraud limits confidence	Include safety education and guarantees			
Social Capital	Peer usage drives adoption	Leverage cooperatives and women's groups			
<b>Business Relevance</b>	Clear agribusiness value increases usage	Embed tools into value chains			

#### **5.7 Case Studies**

✓ Case Study 1: Kenya – Empowering Women Agripreneurs through M-Pesa and DigiFarm

Location: Kakamega County, Western Kenya

Stakeholders: Safaricom (M-Pesa), TechnoServe, DigiFarm,

local women's groups

#### **Context**

In rural Kenya, women account for nearly 70% of the agricultural labor force but historically lacked access to formal credit, insurance, or mobile payment systems. With poor access to banks and limited literacy, they were largely excluded from digital financial systems.

#### Intervention

Safaricom introduced **DigiFarm**, a mobile platform built on M-Pesa, which provides smallholder farmers-particularly women-with:

- Access to digital credit
- Subsidized agricultural inputs
- Farm record management
- e-Extension services

Women were mobilized into self-help groups and trained on mobile banking by Techno Serve, using peer-to-peer learning models and local language audio guides.

#### **Outcomes**

- Over 200,000 women registered on DigiFarm within the first 18 months.
- Reported increase in average farm income by 30% due to better input access and pricing.

 Women reported improved decision-making in household finances due to digital savings visibility.

Key Success Factor: Combining mobile money, agribusiness services, and women-centric group training.

✓ Case Study 2: Bangladesh – Financial Inclusion of Women Rice Millers via bKash

Location: Jessore and Bogura districts

**Stakeholders**: BRAC, bKash, UNCDF, Local Millers Association

#### Context

Rural women operating small-scale rice mills were often invisible to formal financial systems and paid laborers or bought paddy through cash transactions. Limited mobile literacy and distrust in financial institutions restricted adoption of mobile money.

## Intervention

UNCDF partnered with **bKash** and **BRAC** to digitize rice mill operations. Women millers received:

- bKash digital wallets for transactions
- Literacy and business training through BRAC
- QR code payments linked to supplier and buyer networks

Digital usage was piloted in marketplaces and cooperatives to normalize mobile-based commerce among rural female entrepreneurs.

## Outcomes

 75% of trained women adopted bKash for 80% of their business transactions within six months.

- Women reported reduced fraud and more secure payments.
- A study found that digital income visibility enabled them to access micro-loans from BRAC for the first time.

Key Success Factor: Trust-building through community-based education and ecosystem integration.

✓ Case Study 3: India – Mahila Digital Sakhi Program by L&T Finance

Location: Maharashtra, Madhya Pradesh, Tamil Nadu Stakeholders: L&T Financial Services, Swadhaar Fin Access, Mastercard Foundation

#### Context

Millions of rural Indian women participate in small-scale farming and micro-enterprises, but most operate outside the formal financial system. Phone ownership is high, but meaningful use is low due to gendered digital barriers.

#### Intervention

The **Digital Sakhi** program trained rural women as digital champions ("Sakhis") to:

- Conduct door-to-door digital literacy sessions
- Promote mobile wallet use (Phone Pe, Paytm)
- Assist peers in accessing financial tools like savings accounts, insurance, and crop loans

The Sakhis also used storytelling and digital kiosks to create awareness around digital safety and financial planning.

#### **Outcomes**

- Over 2 million women trained by 2022 across rural districts.
- A 60% increase in mobile wallet usage among target villages.
- Over 20,000 women entrepreneurs linked to digital credit through NBFC partners.

## Key Success Factor: Peer-led empowerment, localized communication, and holistic support services. Insights Across Case Studies

Factor	Kenya (M-Pesa/DigiFarm)	Bangladesh (bKash)	India (Digital Sakhi)
Training Method	Peer groups, local language	BRAC-led classes	Door-to-door peer mentoring
Tech Used	Mobile wallet, Agri-app	QR code, mobile wallet	Wallet + extension services
<b>Digital Tools Accessed</b>	Credit, market prices	Payments, microloans	Insurance, credit, savings
Trust Mechanism	Community agents	NGO-led engagement	Female digital champions
Measurable Impact	+30% farm income	80% digital use rate	60% wallet usage increase

## ✓ Case Study 4: Peru – Coffee Women Cooperative Digitizes Payments with Yape

**Location**: San Martín and Cajamarca regions, Peru **Stakeholders**: Café Femenino Foundation, Interbank Peru, Yape (Banco de Crédito del Perú)

#### Context

Rural Peruvian women coffee farmers operate in informal trade networks, often paid in cash and excluded from credit systems due to lack of financial records. Barriers included remote geography, language (Quechua speakers), and minimal exposure to digital tools.

#### Intervention

The **Café Femenino Foundation**, a women-led fair-trade initiative, partnered with Interbank Peru to enroll female farmers into the **Yape** mobile payment system. The project included:

- Digital wallets with offline payment features
- Training in Quechua and Spanish
- Digital traceability tools for sustainable coffee certification

Farmers used Yape to receive cooperative payments, pay seasonal workers, and access micro-loans based on transaction histories.

#### **Outcomes**

 3,000+ women received mobile wallets and access to savings products

- Increased transparency and price fairness in the coffee value chain
- Access to \$100-\$300 in credit lines for the first time for many participants

**Innovation Highlight**: Leveraging **cultural-linguistic localization** and **blockchain traceability** to build trust and digital adoption.

✓ Case Study 5: Nigeria – Shea Butter Collectives and Blockchain Banking

Location: Kwara and Niger States, Nigeria

**Stakeholders**: WOCAN (Women Organizing for Change), Farm Crowdy, Zenith Bank,

Agrichain

#### Context

Women in shea butter cooperatives often handle cashintensive trade, with limited savings or reinvestment due to a lack of digital platforms. High financial illiteracy and distrust in formal banks were major hurdles.

#### Intervention

An innovation-driven pilot involved the creation of **digital cooperatives** on a **blockchain-powered agritech platform** (Agrichain), enabling:

- Group-based mobile wallets for shea earnings
- Shared digital ledgers for transparent revenue sharing
- Access to low-interest group credit from Zenith Bank

Farm Crowdy provided smart phones and onboarding through regional digital champions, while WOCAN led cooperative trust-building exercises.

#### **Outcomes**

- 85% of cooperative members (all women) transitioned to digital income management
- Collective investment in packaging equipment via pooled digital savings
- Reduction in loan default rate to under 5%, thanks to group accountability

**Innovation Highlight: Block chain-enabled transparency** in informal female trade networks.

✓ Case Study 6: Cambodia – Digital Crop Insurance and Payments via Wing Money

**Location**: Kampong Thom and Battambang Provinces **Stakeholders**: Wing Bank, Oxfam, Cambodian Women

Entrepreneurs Association (CWEA)

#### Context

Women vegetable and rice farmers faced increasing climate risk but lacked access to crop insurance or credit. Mobile penetration was moderate, but formal banking participation was less than 20%.

#### Intervention

A digital finance campaign by Oxfam and CWEA introduced women to **Wing Money**—a mobile payment service with:

- Prepaid crop insurance policies
- Digital wallets for market payments
- Rainfall-indexed micro-loans triggered by weather data

Women were also trained to use Wing kiosks for input purchases and mobile bill payments, integrating financial literacy with agri-commerce.

#### **Outcomes**

- 10,000+ women insured within 1 year using automated SMS sign-up
- 42% increase in mobile payments for agri-inputs through Wing kiosks
- 30% decrease in harvest losses due to better planning from weather-linked finance

**Innovation Highlight**: Integration of **climate-smart fintech** and rural women's risk management tools

**Emerging Trends from Novel Cases** 

Innovation Type	Region	Mechanism	Impact Focus
Localized Language UX	Peru	Quechua-based wallet training	Inclusion of indigenous women
<b>Blockchain Transparency</b>	Nigeria	Group-based digital ledgers & savings	Trade accountability
Climate-smart Finance	Cambodia	Rainfall-linked credit + mobile insurance	Resilience + financial access

#### **Future Potential:**

These novel cases demonstrate that **customized**, **localized**, **and value-chain-integrated models** are key to scaling digital financial adoption among rural women. They show how creative alliances between **fintechs**, **NGOs**, **and women's networks** can overcome barriers like illiteracy, distrust, and climate vulnerability.

### 6.0 Conclusion

The adoption of digital banking services by rural women agripreneurs represents a transformative opportunity to drive financial inclusion, economic resilience, and gender empowerment in agrarian economies. Despite the proliferation of digital finance innovations, uptake remains disproportionately low among rural women due to a confluence of socio-cultural, technological, economic, and institutional barriers.

This review has identified that the adoption process is not merely about technological access but is fundamentally shaped by **trust**, **digital literacy**, **gender dynamics**, **infrastructure**, and **economic relevance**. Women's agripreneurial ventures are deeply intertwined with household responsibilities, social networks, and informal financial systems. As such, successful digital interventions must consider this **complex socio-economic ecology**.

Importantly, digital banking has proven most effective when integrated with value chain activities and support systems like cooperatives and rural agents. The evidence suggests that group-based models, women-centric platforms, and context-sensitive digital literacy programs yield higher adoption, retention, and impact.

However, the gap between access and effective usage persists. Merely owning a digital account or mobile phone does not translate into financial autonomy or empowerment. The challenge, therefore, is to **transform access into agency**-ensuring that women not only use digital banking tools but do so meaningfully and independently.

## 7.0 Policy Implications

Based on the findings, several strategic insights emerge for policymakers, financial institutions, NGOs, and digital service providers:

## > Gender-Responsive Financial Inclusion

Policies must recognize that rural women face genderspecific constraints in financial participation. Design frameworks should be intentionally inclusive, addressing women's digital literacy, time poverty, and socio-cultural positioning.

## > Infrastructure and Ecosystem Development

Digital banking adoption is heavily dependent on access to electricity, mobile network coverage, and agent proximity.

Investments in rural digital infrastructure and agent banking networks are crucial to reduce the access gap.

## > Integration with Agricultural Value Chains

Financial services must be tailored to the seasonal and transactional patterns of agribusiness. Bundling services like payments, savings, insurance, and loans into farm operations enhances relevance and usage.

## > Building Digital Trust and Safety

Digital financial systems must embed robust mechanisms for fraud protection, redress, and verification to overcome mistrust. Women's confidence in these systems can be nurtured through community-based awareness campaigns and peer-led training.

#### > Supportive Legal and Regulatory Frameworks

Governments should adopt and enforce inclusive digital finance policies, including simplified KYC (Know Your Customer) requirements, mobile SIM registration for women, and fintech licensing that incentivizes rural innovation.

### 8.0 Recommendations

To translate these implications into action, the following recommendations are proposed for key stakeholder groups:

- **➤** For Governments and Policy Makers:
- Incentivize telecom and fintech companies to expand digital infrastructure into rural and underserved areas.
- Integrate digital finance into national gender and agricultural policies, aligning with SDGs on gender equality and financial inclusion.
- Subsidize digital training programs for rural women, particularly those in farming cooperatives or agribusiness groups.
- > For Financial Institutions and Fintech Providers:
- Develop USSD and voice-based banking platforms in local languages for low-literacy users.
- Establish women-led agent banking networks to increase trust and community engagement.
- Create flexible, gender-sensitive financial products, such as micro-savings, mobile insurance, or weather-indexed loans tailored to seasonal farming needs.
- > For NGOs and Civil Society:
- Promote digital peer education models using local women champions to teach mobile banking basics.
- Facilitate women-only digital finance workshops in collaboration with banks and tech providers.
- Monitor and evaluate impact metrics beyond access, focusing on decision-making autonomy, financial resilience, and long-term sustainability.
- > For Donors and Development Partners:
- Fund longitudinal research and pilots to understand behavior change and tech adoption over time.

- Support multi-stakeholder partnerships that link banks, agritech startups, farmer organizations, and local governments.
- Ensure participatory design processes, engaging rural women in the co-creation of tools, services, and interventions.

### > Cross-Sectoral Coordination:

Establish a national **Digital Financial Inclusion Task Force** or working group that brings together public and private actors to harmonize initiatives, share data, and scale successful models.

By embedding gender, context, and capacity into every stage of digital banking deployment, stakeholders can unlock the untapped economic power of rural women agripreneurs—turning them from passive beneficiaries into active financial agents and catalysts of rural transformation.

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