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Department of Foreign Affairs and Trade



Digital Agriculture in Asia and the Pacific

Strategies for Donor Impact

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12.07.2021

11.00 - 12.30 CEST 17.00 - 18.30 SGT







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#ADBSustainableFoodWebinarSerie

Context

There are over 70 million smallholder farmers in Southeast Asia

IFAD's mission is to "transform rural economies and food systems by making them more inclusive, productive, resilient and sustainable"

A range of digital tools are emerging which seem aligned to this mission



Context

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Farmer Mobile Communication

Farmers use SMS and chat to learn from each other, and transact with traders, retailers and lenders

Agribusiness Platforms

Agribusiness use digital tools to manage their supply chains

Trading Traders manage their business using digital tools **Payments** Farmers send and receive funds digitally Lending Farmers lend from digital platforms **Advisory** Farmers use mobile apps to access weather information and advice **Hardware** Farmers use IOT and automation technologies on their farms **E Commerce**







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Innovators

• Build the technologies

Agribusiness

• Have driven the agribusiness platforms, and could drive some Third Wave Technologies

Mobile Operators

• Deploy the necessary networks

Governments

• Set policy on data costs and digital payments.

Investors

• Fund the growth of most tools

Accelerators and Competitions

• Connect early stage innovations to investors and agribusiness







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Barrier One

Lack of funding for early stage innovations

Support accelerators and competitions

Barrier Two

Lack of Coordination and Momentum

• Brokering and Information Sharing

Barrier Three

Government Policy Hampers Growth

Policy Advocacy

Barrier Four

Governments aren't adopting innovations

• Support governments to use the tools







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	Mobile Communication	Agribusiness Platforms	Trading	Payments	Lending	Advisory	Hardware
Does the technology have potential to grow?							
Does the technology deliver on IFAD's mission?							
Can IFAD drive adoption?							



Donor

Influence?

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Hardware

	Mobile Communication	Agribusiness Platforms	Trading	Payments	Lending	Advisory	
Growth otential?							
Mission ignment?							







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	Mobile Communication	Agribusiness Platforms	Trading	Payments	Lending	Advisory	Hardware
Growth Potential?							
Mission Alignment?							
Donor Influence?							







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	Mobile Communication	Agribusiness Platforms	Trading	Payments	Lending	Advisory	Hardware
Growth Potential?							
Mission Alignment?							
Donor Influence?							







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	Mobile Communication	Agribusiness Platforms	Trading	Payments	Lending	Advisory	Hardware
Growth Potential?							
Mission Alignment?							
Donor Influence?							







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Recommendations

	Policy Advocacy	Early Stage Funding	Partnership Building
1. Invest in Digital Lending			
2. Promote Mobile Communication			
3. Support Digital Payments			









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