

ACCELERATE TO THE DIGITAL STATE



Reinventing Livelihoods: Roadmap to Digital Agriculture



d-Agriculture focuses on the enhancement of agricultural and rural development through improved information and communication processes. It involves the conceptualization, design, development, evaluation, and application of innovative ways to use ICTs in primarily the rural domain, with focus on agriculture.

m-Agriculture supports actors along the agriculture value chain through the use of mobile technology and covers a broad range of devices and the sub-categories include voice, data, network, and connectivity technologies.

Within **d-Agriculture**, Mobile Network Operators (MNOs) play a more pivotal role in the provision of agriculture through the utilization of digital technologies.

Stop: Key Challenges

ECOSYSTEM lacking



A cohesive and enabling policy structure
ICT involvement and digitalization



OPERATIONAL INEFFICIENCIES present in

Farm practices along with post-harvest treatment and distribution
Scalability of projects
Lack of Connected Databases



ACCESS missing for

Inputs and marketplaces
Credit and financing
Awareness and digital literacy

Continue: d-Agriculture Initiatives



E-NAM (INDIA)

A pan-Country electronic trading portal which has provided coverage of **470** markets out of 585 markets, traded quantity worth 314b INR, and registered 96k buyers, 5.08m sellers, and 51k agents



FARMER'S CLUB (TURKEY)

A product portfolio of agri services through which **1.2m** farmers benefitted from improved crop yields, 871m SMSs sent on 1.1m different subjects, and 495 truck visits reaching 225k+ farmers



KYAGALANYI PROJECT (UGANDA)

A digital payments solution which impacts coffee value chain through potentially impacting approx. **85%** of the total population, with the coffee value chain employing 2.5m people

Accelerate: Next Steps

Make public-private & private-private partnerships

1

Information and monitoring services

2

Supply chain and financial services

3

An integrated, digital trading platform