



Australian Government
Australian Centre for
International Agricultural Research



Project Brief

Digo Krishi || SRFSI

"Scaling CASI Technologies and Practices using ICT based Tools and Strategy"



Digo Krishi Team

|| DreamWork Solution ||

Nepal

Digo Krishi || DreamWork Solution

With the aim of scaling CASI technologies and practices using ICT based tools and strategy, DreamWork Solution is working for project "Digo Krishi" under SRFSI. The major approach of Digo Krishi is to scale out the SRFSI research findings, CASI technologies and practices by ICT based extension approach. The major outcome of the projects include following components.

1. Mobile application: It includes contextual information about CASI technology and practices with description, photo, price, guidelines and machinery user manual. A call button will be made available in order to connect directly with Data center for getting advisory services, information and knowledge about Conservation agriculture, machineries, improved seed, herbicides, fertilizers etc information.

2. Public Website: A website will be developed for knowledge hub related with conservation agriculture. It includes the information and research findings related with conservation agriculture. News, Articles, Blogs and Activities of Project Digo Krishi will be made available in the website.

3. Database (Software): It includes holistic information of CASI technology, practices, available machinery (sales and service centers, warehouse, repair and maintenance), improved seeds and other relevant information. This system utilizes GPS coordinates and GIS layered maps that greatly support building efficient linkage among CASI farmers, machinery suppliers and service providers.

4. Data Center: It is the physical infrastructure from where different advisory services will be provided. A phone call from farmers, service providers and other stakeholders will be updated and required information about CASI technology and practices will be provided.

No.	Agreed Milestone and Related Activities	Due date
1	Collect information and compilation of CASI technologies from NARC, DoA, PMAMP and CIMMYT in Nepal.	August 2018 and onwards
2	Continue to survey of CASI adopter and non-adopter (potential adopter) farmers in field.	November 2018 and onwards
3	Continue to survey of machineries suppliers, improved seed suppliers and other service providers along with GIS mapping.	December 2018 and onwards
4	Endeavour to develop Mobile app (informative app with machineries info, improved seed, suppliers' linkage, CASI technologies & practices).	January 2019 and onwards
5	Continue to develop digital database of CASI farmers and potential farmers and CASI technologies.	February 2019 and onwards
6	Support in establishment of Data center.	March 2019
7	Contribute to organize training and workshop to agriculture students about CASI Technologies and Data center management.	March 2019
8	Facilitate interaction with stakeholders for system implementation at targeted 5 nodes (Interactive marketing campaign: Website, Mobile apps, DigoKrishi Datacenter functionalities).	April 2019 and onwards
9	Conduct promotion and dissemination of Website, Mobile apps, and DigoKrishi Center (Extensive social media campaign targeting local and national level GOs and NGOs stakeholder).	April 2019 and onwards
10	Provide consolidated technical reports as per SRFSI needs.	November 2018 and onward