

Promotion and exchange of good practices on the use of digital technologies in agriculture in Kazakhstan

Call for good practices in the field of digital agriculture

In collaboration with the Ministry of Agriculture of Kazakhstan, the office of Food and Agriculture Organization (FAO) in Kazakhstan has launched a “Call for good practices on digital agriculture in Kazakhstan”. This call will enable to identify, showcase the good practices and innovative solutions that have proven successful in advancing the digital transformation of agriculture in the different regions of Kazakhstan.

The deadline for submission is 31 July 2021.

Please see below the information to participate in the call.

Successful Shortlisted candidates will receive the opportunity to present their good practices and outstanding achievements at the national online conference on “Digital Agriculture in Kazakhstan” which will be held in November 2021.

Background:

The Government of the Republic of Kazakhstan pays significant attention to digitalization as a means of achieving Sustainable Development Goals, and for this purpose adopted a five-year national programme “Digital Kazakhstan” (2017) and the National Programme for the Development of Agriculture of the Republic of Kazakhstan until 2021. The objective is accelerating the pace of economic development and improving wellbeing through the use of digital technologies in the medium term, as well as creating conditions for the transition of Kazakhstan’s economy to a fundamentally new development trajectory ensuring the creation of a digital economy of the future in the long term.

Several information systems have been already successfully developed and deployed in recent years in the area of agriculture and food production. Despite the high Government attention to the topic and a visible progress in the digitization of government services, there is virtually no information on the adoption rate of Information and Communication Technology (ICT) solutions on the farm-level.

Call for good practices:

The Call for good practices in digital agriculture seeks submissions from individuals and organisations across Kazakhstan. It is expected that good practices fall into the concept of digital agriculture, centred on applying innovative methods of ICT in urban and rural areas. The agricultural sector includes forestry and fisheries.

Albeit not exclusively, these may include services accessible through the web, mobile applications, onfarm hardware and software solutions. Contest criteria are as follows:

Requirements	<ul style="list-style-type: none"> • The good practice must be already put into practice, or have been successfully finalised in the period from 2018 to 2021; • The practices must be implemented in Kazakhstan. • The good practice must be based on at least one or a combination of various digital technologies (mobile, satellite, cloud computing, machine learning, sensor network, IoT, etc); • The solutions indicated in the submission must be accessible and affordable to stakeholders in the agriculture sector, so the practices can be replicable.
Submission	<p>To participate, please submit all information about your good practice at the following link here : https://forms.gle/vHVEDKiJ5UWPgTj26</p>
Deadline	<p>Submissions of good practices will be accepted until 31 July 2021</p>
Other information	<p>All submissions will be automatically considered for:</p> <ul style="list-style-type: none"> • A national report on digital agriculture • Successful Shortlisted candidates will receive the opportunity to present their good practices and outstanding achievements during the online Conference on Digital Agriculture in Kazakhstan, to be held in November 2021
	<p>Please be informed that there is no participation fee.</p>

Terms and Ethical Standards

If applicable, please note that participants must comply with the intellectual property rights of applications and technologies used in the submitted good practice.

Evaluation

After an initial pre-selection based on the assessment of requirements, each good practice will be evaluated according to the following criteria:

Criteria	Specification	Grade			
		Low			High
Impact/Results	Successful results and positive impact must be demonstrated	1	2	3	4
Sustainability	To what extent the practice is sustainable (socially, economically, and environmentally)?	1	2	3	4
Replicability and Scalability	To what extent the practice can be replicated in terms of appropriateness/ technology affordability?	1	2	3	4
Innovation	Are there existing analogues in other regions?	1	2	3	4
Technology	Level of complexity of technology used	1	2	3	4

The regional contest comprises of stages:

1. Submission of good practices until 31 July 2021;
2. Nomination of outstanding practices in the course of September 2021;
3. Production of a stocktaking report including all good practices received October ;
4. Selection of the 6 finalists October 2021 ;
5. Online Conference on Digital Agriculture in Kazakhstan” in November 2021

Other Information

For any queries, please do not hesitate to contact us at email:

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