

Huawei and our educational institution launched a project " smart agriculture

Huawei branch in Uzbekistan and the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers have signed a memorandum of understanding on introducing innovative technologies in agriculture and irrigation systems. A meeting was held on the same subject. The event was opened by the Rector of the Institute Professor O. Umurzakov with a foreword. Then the floor was given to Liu Jiaying, Director of Huawei. He noted that he was sincerely pleased to cooperate with the TIIMSHA, which has a high rating among the universities of the world. Then Azim Nazarov, Deputy Minister of Water Resources, Deputy Minister of Agriculture, made his remarks.



Obviously, the memorandum signed to implement corporate social responsibility and introduce innovative digital technologies in agriculture and irrigation systems management, as well as improve the efficiency of rational use of natural resources in Uzbekistan will open the way to promising plans. Under the memorandum, Huawei and TICXMMI have agreed to launch a smart agriculture project using 5G technologies, smart sensors and control, monitoring and data processing systems based on an intelligent data processing platform.



The implementation of the project "smart agriculture" will increase the efficiency of the use of natural resources, simplify the monitoring and management of crop control processes, alerting about possible effects on the harvest of the external environment through the analysis of the state. There is a possibility of getting video information about weather conditions, soil, irrigation systems, as well as in real time from the smart land plot. The project will be developed and implemented by specialists and professors of TIIMSHM in the networks of JSC "Uztelecom" national telecommunications operator with the expert and technical support of Huawei and support of the Ministry of Agriculture.



Rector O. Umurzakov thanked the representatives of Huawei, the Ministry of Water and Agriculture, Uztelecom, Uzmobil for the visit to AO. It was noted that the digitalization of agriculture in Uzbekistan is one of the most important areas of reforms carried out in this area. In particular, it should be noted that the introduction of intelligent agriculture in the research sector of the institute is one of the first steps in this direction. It was stated that this model can serve as a viable example for implementation in other agricultural enterprises. Of course, the need to reach higher heights was emphasized.



"Our cooperation and mutual support of the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers" has a long history. Since the beginning of this year, we have jointly implemented a project to launch a data center at the institute, as well as improved training and digital skills of the teaching staff. The ceremony of signing the memorandum will take our cooperation to a new level and will give us the opportunity to demonstrate the prospects that the agricultural sector has with the use of fifth generation networks and innovative technologies. The main purpose of this project is to simplify and at the same time increase the efficiency of labor-intensive work of farmers in Uzbekistan, as well as taking care of the environment, improving the rational use of natural resources of the country," said Liu Jiaoxin, director of Huawei branch in Uzbekistan. Our cooperation with the Institute of Mechanical Engineers and mutual support have a long history. Since the beginning of this year, we have jointly implemented a project on launching a data processing center in the institute, as well as improved training and digital skills of the

teaching staff. The ceremony of signing the memorandum will take our cooperation to a new level and will provide an opportunity to demonstrate the prospects that the agrarian sector has with the use of fifth generation networks and innovative technologies. The main purpose of this project is to simplify and at the same time improve the efficiency of labor-intensive work of farmers in Uzbekistan, as well as to take care of the environment, improving the rational use of natural resources of the country," said Liu Jiaoxin, director of Huawei Uzbekistan branch.



As background information, ietwrdikkey notes that Huawei has been working for more than 20 years, trying to bring value and benefit to the social development of the population by implementing digital technologies in various economic sectors. In 2020, the company has implemented a number of social and educational projects, including equipping two schools in Tashkent with digitization equipment, an educational project for students of IT - universities "seed for the future", the University of Journalism and Mass Communications - "Uzbekistan-observer of ICT", as well as cooperation with the public foundation "ezgu Amal" and together with the UNDP office in Uzbekistan took part in the initiative to green the Aral Sea. In conclusion, it should be noted that the launch of this project will solve a number of problems in the field of agriculture and water management. At the end of the event, the guests were given commemorative gifts with the Institute's symbols.

The press-service of TIAME