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«Agribusiness, Environmental Engineering  
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«DIGITALIZATION AND MECHANIZATION IN AGRICULTURE INDUSTRY»

Adam Umaltovich Mentsiev

Elmira Faylova Amirova

Nurgun Vyacheslavovich Afanasev



# Problem statement

- Despite of its massive importance, the agriculture industry has been far behind any other industry when it comes to digital transformation and integration of technology into it. Till this day, almost all of the agriculture industry in developing as well as third world countries rely on old and conventional ways of doing agriculture.



# Solution methods

- Integration of IoT into the fields
- Integration of IoT with Farm Equipment
- Drones for Crop Monitoring
- Use of Robotics in Farming
- RFID Tracking in Farming
- Use of ML and Big Data in Farming



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# Conclusions

## Results, implementation

- If these technological advancements are made in the agriculture industry, resulting in higher yields of the crops from the same amount of agricultural land in use, scientists predict that there is a way that the industry output could be increased by 60% by the year 2030 which would be right in line with the current rate of increase in population.

# Contacts

Adam U Mentsiev, Elmira F Amirova, Nurgun V Afanasev

Chechen State University, Kazan State Agrarian University, North-Eastern Federal  
University named after M.K. Ammosova

E-mail: [a.mentsiev@chesu.ru](mailto:a.mentsiev@chesu.ru)

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