




DIGITALIZATION IN AGRICULTURE: EXPERIENCE AND PROSPECTS

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Introduction

Agriculture is a specific industry that is particularly in need of digitalization. This is due, first of all, to the fact that this industry is exposed to multiple factors, having a number of features. Thus, the following most key features can be distinguished: the production process and its results depend on numerous factors, among them not only natural-climatic, biological, soil, but also socio-economic, etc.

Problem statement

Problems of digitalization in agriculture

As it is already clear, digitalization entails a number of positive consequences. However, there are also problems in the way of the widespread digitalization of the industry.

So, if we analyze some statistical data, we can conclude that in the Russian Federation there is a noticeable differentiation in terms of the use of digital technologies in the agro-industrial complex. That is, in some regions, digitalization is at a higher level than in others. This uneven distribution and development is a paramount problem.

Findings

In order to solve all these problems, it is necessary to take the following main measures:

- determination and consolidation of special curators who control the processes associated with digitalization in agriculture (both at the federal, and at the regional and local levels);
- creation of a special unified information center that will summarize and broadcast information about all key digital innovations, positive experience of their use;
- ensuring the release of visual illustrated materials;

Conclusion

We can draw certain conclusions. First, digitalization in the agricultural industry is extremely uneven. The point is that in some regions this process is much more intense than in others. In addition, small and medium-sized businesses are not taking such active measures as, for example, large entrepreneurs, agro-complexes, etc. of a similar kind of entity. This differentiation is difficult. Without a doubt, digitalization in agriculture entails positive changes, production shifts.