



THE CHALLENGES OF GENERATION RENEWAL IN AGRICULTURAL SECTOR

Gergo Wenner^{1,2*}, Anita Csiba¹

¹ University of Szeged Faculty of Agriculture, H-6800 Hodmezovasarhely Andrássy út 15., Hungary

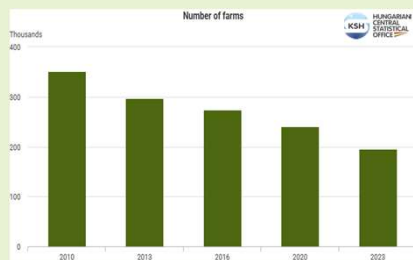
² Hungarian University of Agricultural and Life Science Doctoral School of Economics and Regional Sciences, H-2100 Godollo Páter Karoly u. 1., Hungary

E-mail: csiba.anita@szte.hu

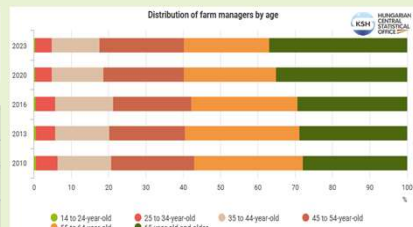
Abstract

The generation renewal is one of most important aim of the Common Agricultural Policy in the 2021-2027 period. The horizontal goals of the CAP after 2020 the „knowledge and innovation”. There are some future challenges in the agricultural production, that the new generation should be solve. The keys of the sustainability agricultural production are the generation renewal, the innovation and education. In our research project we are searching for the answers to the questions, what are the hinder and motivator factors of the generation renewal in agricultural sector and which future challenges have to fight the young farmers during the agricultural production. The most important aims, that promote the generational renewal in agricultural sector are the rural development, improving the competitiveness of agricultural production, thereby creating a fair income level for the agricultural companies and their employees, the widespread of the innovation and digitalization in the agricultural production and food processing and the modernization of the education and training. In our research project we examined the affecting factors of the generation change and the attitude to the generational renewal of the students, young farmers and professionals for the generation renewal in the agricultural sector.

The objectives of Common Agricultural Policy after 2020 [5]



Age group of manager of holding



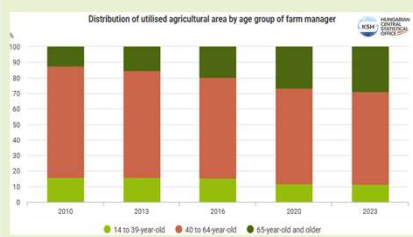
Distribution of farm managers by age in Hungary according to Hungarian Central Statistical Office 2016, 2020, 2023 [1] [2] [3]					
Age group	2016	2020	2023		
40 year-old-	34.128 person	23.979 person	19.808 person	12%	10%
40 to 64 year-old	159.764 person	132.632 person	104.951 person	58%	53%
65 year-old<	80.068 person	84.391 person	72.790 person	29%	37%

Highest agricultural educational level of manager of holding

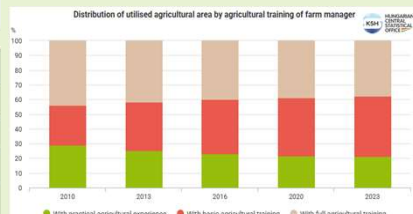


Distribution of educational level in the field of agriculture of farm managers in Hungary according to the Hungarian Central Statistical Office 2016, 2020, 2023 [1] [2] [3]

	2016	2020	2023		
The highest educational level in the field of agriculture of farm managers					
Practical agricultural experience	196.744 person	147.539 person	108.780 person	72%	55%
Basic agricultural training or an agricultural vocational high school graduation	60.027 person	71.413 person	67.375 person	22%	34%
College or university graduation	17.189 person	22.050 person	21.395 person	6%	11%



The ownership and using title of the agricultural land areas in Hungary according to the database of Hungarian Central Statistical Office 2016, 2020, 2023 [1] [2] [3]					
Using title of cultivated land	2016	2020	2023		
Own	1.944.441 Hectares	2.200.372 Hectares	2.305.541 Hectares	42%	45%
Rented	2.433.914 Hectares	2.471.126 Hectares	2.495.096 Hectares	52%	49%
Other using title	262.157 Hectares	250.268 Hectares	286.619 Hectares	6%	6%



Introduction

The generation renewal of the agricultural sector are one of the most important aims of the Common Agricultural Policy after 2020. The most interesting issues of our research project the motivating and hindering factors of the generation renewal in the Hungarian agricultural sector. In our research project we examined the factors generational renewal in agriculture, the factors of the farm transfer, and the attitudes of current and future generation farmers. The problems of generational change should first be discussed in the context of the drastic reduction in the number of farms, which unfortunately is a serious problem today. Nevertheless, the age distribution of the heads of the farms is indicated, that it is time for a generation renewal.

Conclusions

According to the result of our research project carried out on the factors affecting the generational renewal in agricultural sector ...

- The fair income level of the farmers from their agricultural production activity is the one of the most important determination factors for the generation renewal in the agricultural sector.
- The generation renewal and the sustainability can be achieved by the spreading and application of digitalization.
- It can be concluded, that precision digitalization investments supporting sustainability are expected to come to the fore in the future, as the Hungarian Digital Agricultural Strategy 2019-2022 identifies this as a means of solving the generation renewal and sustainability problems.

References

- Database of the Hungarian Central Statistical Office in 2016, 2020, 2023
- [1] <https://www.ksh.hu/skadanyok/agrarium-dashboard/2016/>
 - [2] <https://www.ksh.hu/skadanyok/agrarium-dashboard/2020/>
 - [3] <https://www.ksh.hu/skadanyok/agrarium-dashboard/2023/>
 - [4] <https://www.ksh.hu/publications/agriculture-2023-preliminary-data/index.html>
 - [5] Common Agricultural Policy (CAP) 2023-2027

