

D.T3.1.3 REPORT ON BUSINESS INSIDER & COLLABORATIVE WORKSHOPS BETWEEN PARTNERS AND S3 MANAGERS

PP ARRSA Bielsko-Biała

D.T3.1.3
POLAND

Version 1
19.04.2022





INTRODUCTION

In order to increase direct induced innovation in precision agriculture and enable the emergence of regional industrial specialisations, project partners are to organize meetings with S3 managers in all 5 Transform 4.0 partner's areas to discuss supportive (technical/educational/financial) options and programmes, which can be taken into account in future Precision Farming promotional actions and supportive activities.

METHODOLOGY:

The content scope of the report includes activities related to strengthening regional precision agriculture technologies and specializations through regional and local S3 strategies. It includes consultations with local and regional S3 managers to discuss new possible support schemes (technical/educational/financial) leading to increased direct induced innovation in precision agriculture and enabling regional industrial specializations. The report explores opportunities for further development of technical skills updates, introduction of new educational schemes and possible funding sources for their implementation in the precision agriculture area.

REPORT

Please provide short report about the meeting(s) with list of attendees, subjects discussed and summary of the meeting containing lessons learned and possible activities for the future



Transform4.0

Meeting date: 19 April 2022: 11.00- 11.30

Zoom platform for online meeting

Attendees:

Barbara Szafir – Head of the Department of Regional Development

Monika Kruszelnicka – Head of Regional Innovation Strategy Dep.

Jan Sienkiewicz – Agencja Rozwoju Regionalnego S.A. w Bielsku-Białej

Agenda of the meeting:

To discuss the S3 regional specializations for the Silesian Province and to identify the links between innovation strategies and the agricultural production sector through links at the level of technological development, implementation of regional innovations, support for the agricultural production sector and support for the education system with the possibility of directional training for agricultural needs.

Conclusions:

Agriculture is not the main sector

The Silesia Voivodeship is a highly industrialized region in Poland. It is characterized by a very high level of industrial production. Heavy industry, chemical industry, health care sector companies are dominating. There are also a lot of universities and research and development centers. The agricultural sector is not clearly represented in the region's economy, but it is an important production sector in the northern and western area of the voivodeship.

There is a network of advisory centers

Within the region there is a network of agricultural advisory centers providing advisory services and partly technology transfer. These centers should be used to further support the development of precision agriculture through modern technologies, creating a communication platform between the agricultural sector and R&D and education sectors.

Supporting innovations that can be implemented in agriculture

In terms of technology development support programs, there is no division based on the place of technology application in the further stage. The documents do not explicitly point to the sector of agricultural production or production for agriculture. However, the food production sector, or more precisely the agri-food processing sector, is indicated as an important branch. From these programs, projects in support of precision agriculture should be implemented.

System of technological incubators and laboratories for Industry4.0 companies

In the province there is a well-developed system of technology incubators and technology gas pedals operating mainly in the sector of modern technologies, mainly related to IT technologies -



Transform4.0

Industry4.0. Modern technologies and technical solutions in the field of automation, robotics, Internet of Things solutions or software and Big Data can also find application in the sector of precision agriculture. For this, it is necessary to take advantage of possible and available communication systems and to draw attention to the agricultural sector as a possible.

Education system in the field of automation, robotics, electronics and IT

In the field of education, there are very many schools, universities and educational centers in the province with specialization in automation, robotics, mechatronics and IT. The education system provides an adequate level of education. The aim is to indicate the possibility of using one's skills not only in industrial sectors traditionally understood as innovative, but also in the sector of broadly understood agricultural production, which is developing very rapidly in terms of implementing the latest technological solutions.

Technology transfer centers

The use of modern communication channels for the commercialization of research results of companies and research centers and the return of demand for technologies and information solutions

Implementation of agricultural development policies created at the national level at the regional level and indication of agriculture in regional documents

Policies created at the national level on agriculture and precision agriculture development are more concerned with areas of the country considered as typical agricultural areas. Due to the fact that the Silesia Voivodeship area is a typical highly industrialized area, agriculture is not indicated in the main economic sectors of the region. It is necessary to use and indicate to a greater extent the possibilities of the agricultural production sector or the sector producing for agriculture in supporting the development of innovations.