



## D.T 2.1.4 INFOSHEET ABOUT THE COMPANIES & INDUSTRIAL INTERACTIONS

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**PÖTTINGER**

Version  
1





**Transform4.0**

**PÖTTINGER**

Pöttinger is a family company in the fourth generation. In 1871, Franz Pöttinger laid the foundation of the today's international Company. The first machines were produced in their Headquarters in Grieskirchen. At that time machines for processing fruits, mills, grinders and forage choppers were produced. Over the years, Pöttinger became more and more popular and its product range was extended. Nowadays, the Headquarters is still located in Grieskirchen and leads production sites all over the world. The company started with about eleven workers and ended up with 1930 employees with 36 nationalities. The product range increased to a substantial offer.

Grassland



Mowers



Tedders



Rakes



Loader wagons



Round balers



More grassland products



New to the range

Arable



Ploughs



Stubble cultivators



Disc harrows



Power harrows



Short combination cultivators



Seed drills



Crop care machines



New to the range

Digital Agricultural Technology



Terminals



Software



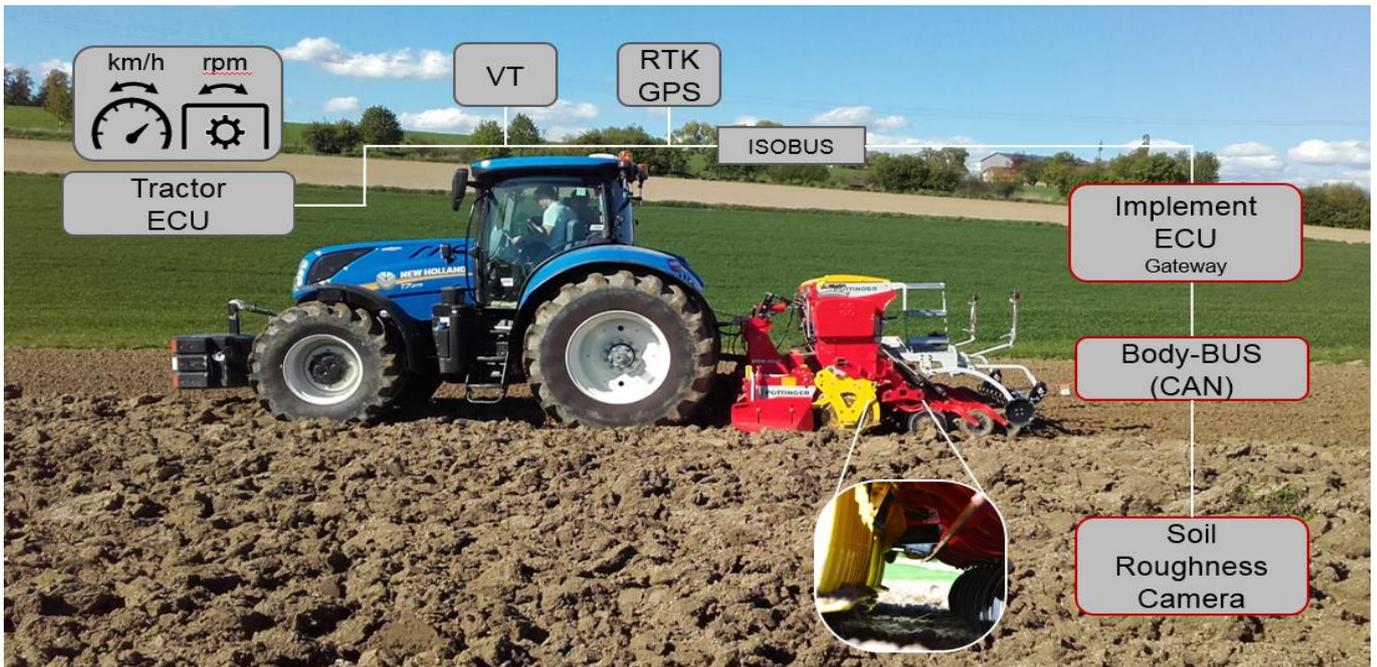
Assistance systems

The current owners also know, that if their company shall persist. They have to research on new technologies to increase the efficiency of their products. So they now try to find ways to improve the working quality of the farmers by offering assistance systems which shall reduce the needed attention to operate the machines. Also the ecology gains on importance. With the Sensosafe, Pöttinger was one of the first companies who pays attention to the influence of their machines on the wildlife.



**Transfarm4.0**

Pöttinger is also working on several other projects. One of them is the Interreg Central Europe project Transfarm 4.0. The actual aim of Pöttinger in this project is to implement a device that can detect soil-roughness and adjust the driving parameters of the tractor exactly to produce the perfect seedbed with their power-harrow. In order to do that, they work close with the HBLFA Francisco Josephinum. For this trial, the company provided the needed power-harrow and computing devices. In fact it was a Pöttinger Lion 3001. So with the Input of the Josephinum Research, a test was created where a stereo-camera evaluated the roughness and adapted the driving and the engine speed. The connection between the tractor, ECU (computing device) and the camera was made with a BUS - interface.



The results of the trial showed first insights. With the seedbed control, the power-harrow produced a more homogeneous seedbed than the standard variant. With the created seedbed, the planted crop (winter wheat) grew faster and healthier than the others. The yield was slightly better, but wasn't significant higher. The first estimation showed, that the seedbed control should refinance itself in its lifetime. The improvement of the working quality for the driver was not considered in this estimation.