Silver Innovation Award:

PÖTPRO GUIDE based on Fliegl COUNTER SX Beacon technology

PÖTPRO GUIDE is based on the innovative Fliegl COUNTER SX Beacon, adding an acceleration sensor, GPS, Sigfox and storage medium to existing Beacon technology so that it is able to generate, record and transmit data intelligently during a wide range of processes.

As a result, PÖTPRO GUIDE covers a completely new field of applications because Beacon technology is not bound to a standard process, but can be used universally for any application. It can supply useful data in various situations, using different makes of vehicle and implement during different working processes: e.g. counting operating hours, detecting the mode of operation (position of implement), recording with links to GPS and Sigfox, making data available at a later date.

The following examples featuring a Pöttinger rake, round baler and stubble cultivator demonstrate the potential of this new technology:

During cultivation, PÖTPRO GUIDE can detect by incline measurement whether the stubble cultivator is in the working position or not and using a vibration sensor whether it is moving or not. It can therefore detect three statuses - working, transport and pause - without the driver having to do anything. That is pure convenience. During raking, PÖTPRO GUIDE records the location and time that the rake is lowered into the working position and then the location where it is raised again. That is how swaths can be recorded. When PÖTPRO GUIDE is mounted on the rear flap of a round baler, it can not only count the bales produced, but also record their location. To do this, it saves the time of the event "bale ejected". The result is a map showing the location of every bale.