



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA GOSPODARSKI
RAZVOJ IN TEHNOLOGIJO



EVROPSKA UNIJA
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NALOŽBA V VAŠO PRIHODNOST



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The Republic of Slovenia and the European Union
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NAME OF THE OPERATION

Modular automated tractor spreader with IoT connectivity

PURPOSE AND OBJECTIVE OF THE OPERATION

The aim of the research and development project is to produce a modular automated tractor spreader with IoT connectivity pre-prepared up to TRL level 9, ready for industrial production.

The objective is to produce a modular automated tractor spreader with IoT connectivity pre-preparation, which will be electronically controlled and will collect different types of data relevant for the optimization of the operation. With this project, we want to combine several different spreading methods so that winter service workers do not have to change machine every time they change location because of a different surface requiring different spreading materials in different weather conditions, or repeatedly drive over an area that is too wide for the machine. The new machine will be able to spread road and pavement or road and bus stop at the same time and will have electronic width control to spread a larger area at a time. All of the above significantly reduces both the distance travelled by the spreaders and traffic congestion, which in turn reduces emissions.

