

PhD Programme	LAND, ENVIRONMENT, RESOURCES, HEALTH
Curriculum (if foreseen)	
Type of scholarship	Ex DM 117/2023
Project title	Decision Support System (DSS) based on sensors for soil compaction reduction
Supervisor	Francesco Marinello
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Project description	The aim of the PhD project is to validate Decision Support System (DSS) for soil compaction reeducation, through theoretical modeling and physical experimentation. The DSS tool will be based on Terranimo model and will operate ideally taking advantage of sensors mounted onboard of agricultural vehicles. The DSS should evaluate and help minimizing the risk of Soil Compaction consequent to tractor tires passage on ground during field operations.
Mandatory traineeship	6
Company cofinancing	Yokohama TWS S.p.A.