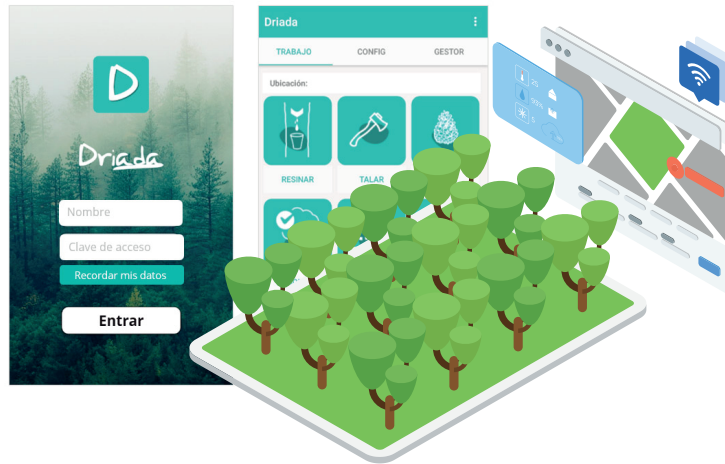DRIADA
USING BIG DATA IN THE RESIN SECTOR
CONTROL, MANAGE AND OPTIMIZE THE PINE FOREST IN ONE CLICK

1. Driada is an innovative system that helps forestry operators and to optimize the management of pine forests and to discover new saving opportunities. It allows to add value to the resin resource, achieving total traceability of the final product.

3. The information is automatically sent to the web platform that allows real-time analysis of the true performance of the different species, lifetime control, detect points of improvement and optimize efficiency. It also facilitates transport logistics and payments to the actors of the value chain.

2. Each resin pine is geolocated and identified with a unique QR code. Next, the routes to be followed by the workers are defined. Through the App, forestry workers report in real time all activities carried out (resin and pine cone harvesting, tree felling, etc.).

HOW TO IMPLEMENT TECHNOLOGIES IN THE RESIN SECTOR: TIPS FOR SUCCESS!

INDIVIDUALIZED INFORMATION

Full and real-time coverage of individual tree health conditions, to monitor impacts from plagues. Biodiversity assessment at tree level (bird nesting grounds, mammal dens, etc.).

FULL SYNCHRONIZATION

Synchronization in all phases of the process with data accessible from anyone and anywhere. Full control of all the steps of the process, improving time, efficiency, and costs.

EXTRAPOLABLE

Information is adaptable to any other resources exploitation sector. This supports technology interoperability in sectors requiring the collection of multiple datasets.

Driada offers real time information of each individual pine tree: the existence of live pines in production, the species and fauna that inhabit them, the cubic meters of wood they represent, the amount of resin collected by pine, the amount of CO_2 absorbed, the oxygen released, its aquifer recharge capacity …

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