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Efficient reduction of crossing

Presented by José Francisco Serôdio Pereira





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Mobility Commitment

Simple

Safe

Sustainable



Sector's Challenges











The aim of Brisa:

A continuous improvement of the operational teams that carry out tasks daily basis to ensure the proper functioning of our highways.







The bushes are pruned on the top and on the side (between the bush and the tractor).

- Central reservations prunus
- Equipment attached to an agriculture tractor
- Adapted to work in the direction of traffic
- Transition to mechanized pruning
- Working Speed: 2 4 km per hour









The Machine's Main Purpose

Reduction the number of highway crossings



Ensuring the safety of workers and customers

	Crossings	Nr. days / team / year	Work income (km/day)		
Traditional Method	8 200	290	1,57		
Bush Pruner	1 600	128	6,50		
Δ	- 80%	- 56%	4,20 x	05	
				200	* *





Manufacturer's challenges





Designed to be attached to an agriculture tractor chassis.



Powered by a hydraulic system.



18 months of collaboration.



Factory and fields tests.



Equipment operator training.



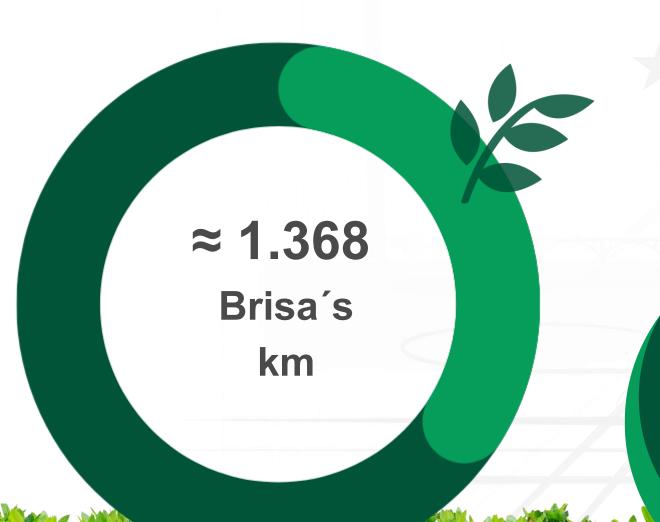
Purchase of three equipment's.

The useful life of the equipment is around 10 years.

Brisa Network
Typology









≈ 460 km
Central reservation
prunus



220 km of central reservation prunus

(9-11 meters wide)



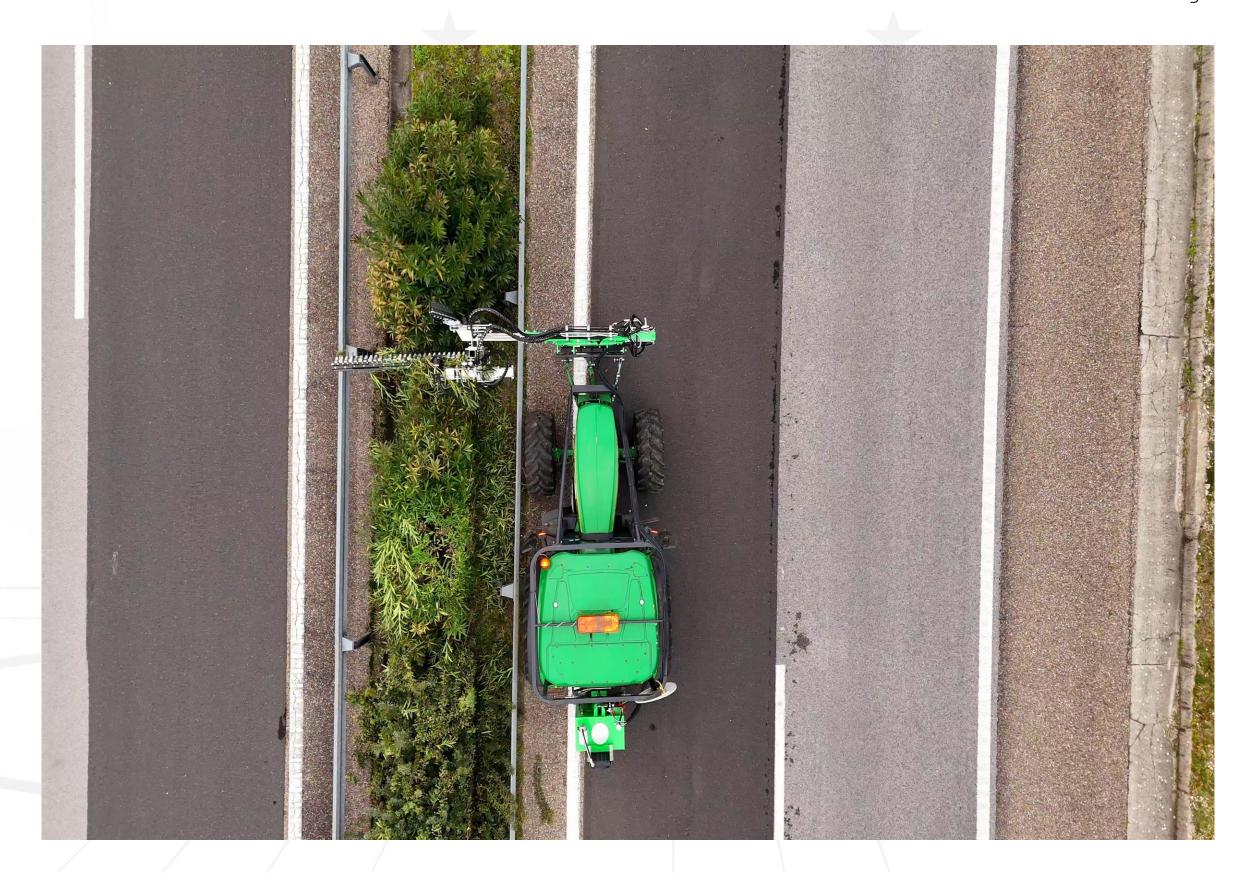
≈ 230.000

Prunus















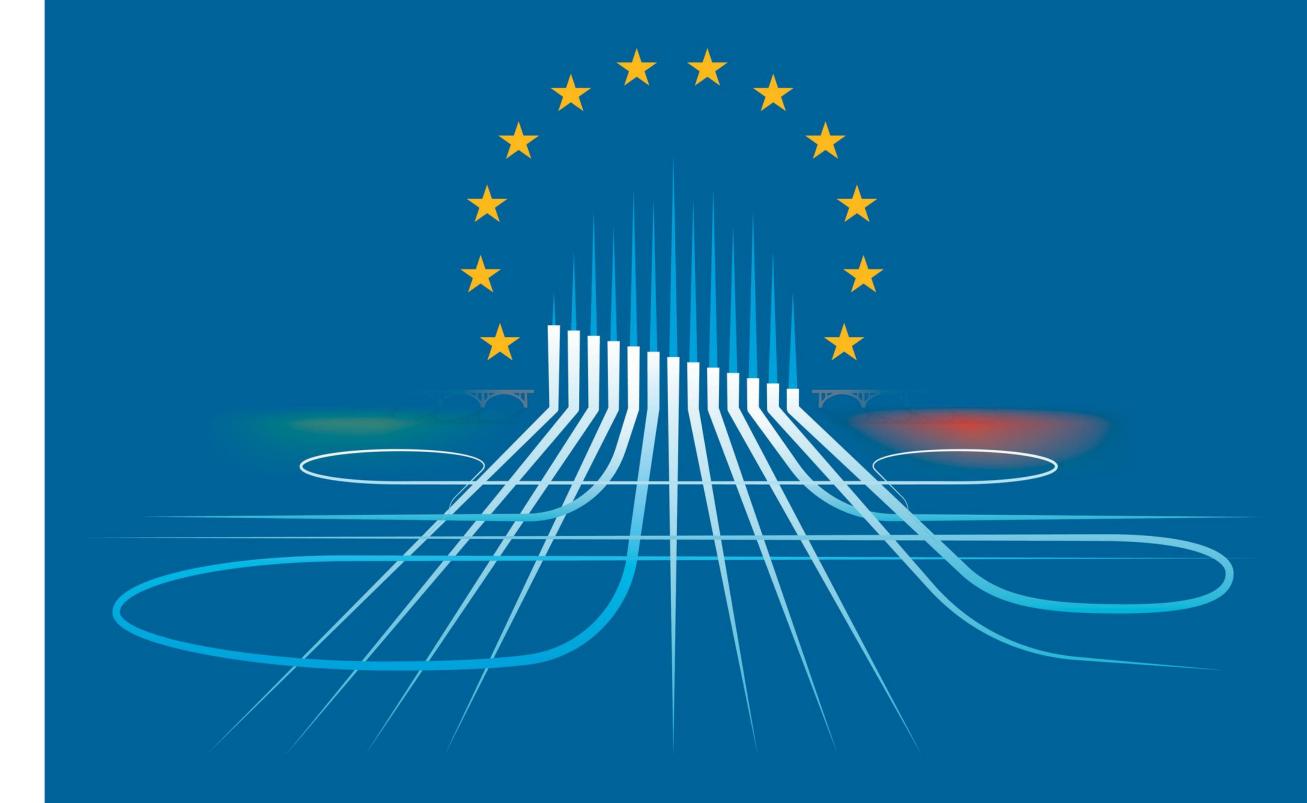


Thank you

Grazie

José Francisco Pereira jose.francisco.pereira@brisa.pt +351 910 708 574





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