

Cork Recycling 4.0

Albert Hereu (Catalan Cork Institute Foundation)

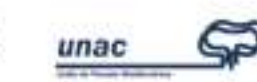
Innovative businesses and entrepreneurship for non-wood forest products: opportunities for the rural economy

28 February 2020

Coordinator



Partners



Overview

- Background
- Team
- Gaps addressed
- Solution proposed
- State of the art
- Timeline
- Next steps
- Conclusion



**DONEM UNA SEGONA VIDA
AL TAP DE SURO**

**COL·LABORA EN LA
RECOLLIDA SELECTIVA
DE TAPS DE SURO I
CONTRIBUEIX EN LA
GENERACIÓ DE VALOR DEL
SECTOR SURER CATALÀ**

plusfrés:
de Lleida

Amb el suport de:

 Generalitat de Catalunya
Departament de Territori
i Sostenibilitat

 Agència de
Residus de
Catalunya

Background

OUR MISSION: promote and develop the cork sector in its various aspects of production, transformation and commercialization through study, research, assessment and help to organizations, associations, companies and people involved in the sector.

Among the Foundation's patrons, there is the Association of Cork Companies of Catalonia (AECORK), which includes a large number of Spain's cork companies, as well as the Forestry Consortium of Catalonia (CFC), the most important association of cork tree owners in the region.



Team



Albert Hereu

Director



Patrícia Jové

Responsable R+D+i



Gema Guerrero

Tècnica de Laboratori



Anna Oliveras

Responsable de l'Àrea Química



Jose Castro

Responsable de l'Àrea Física i Sensorial



Maria Verdum

Responsable de l'Àrea de Microbiologia



Carola P. Badua

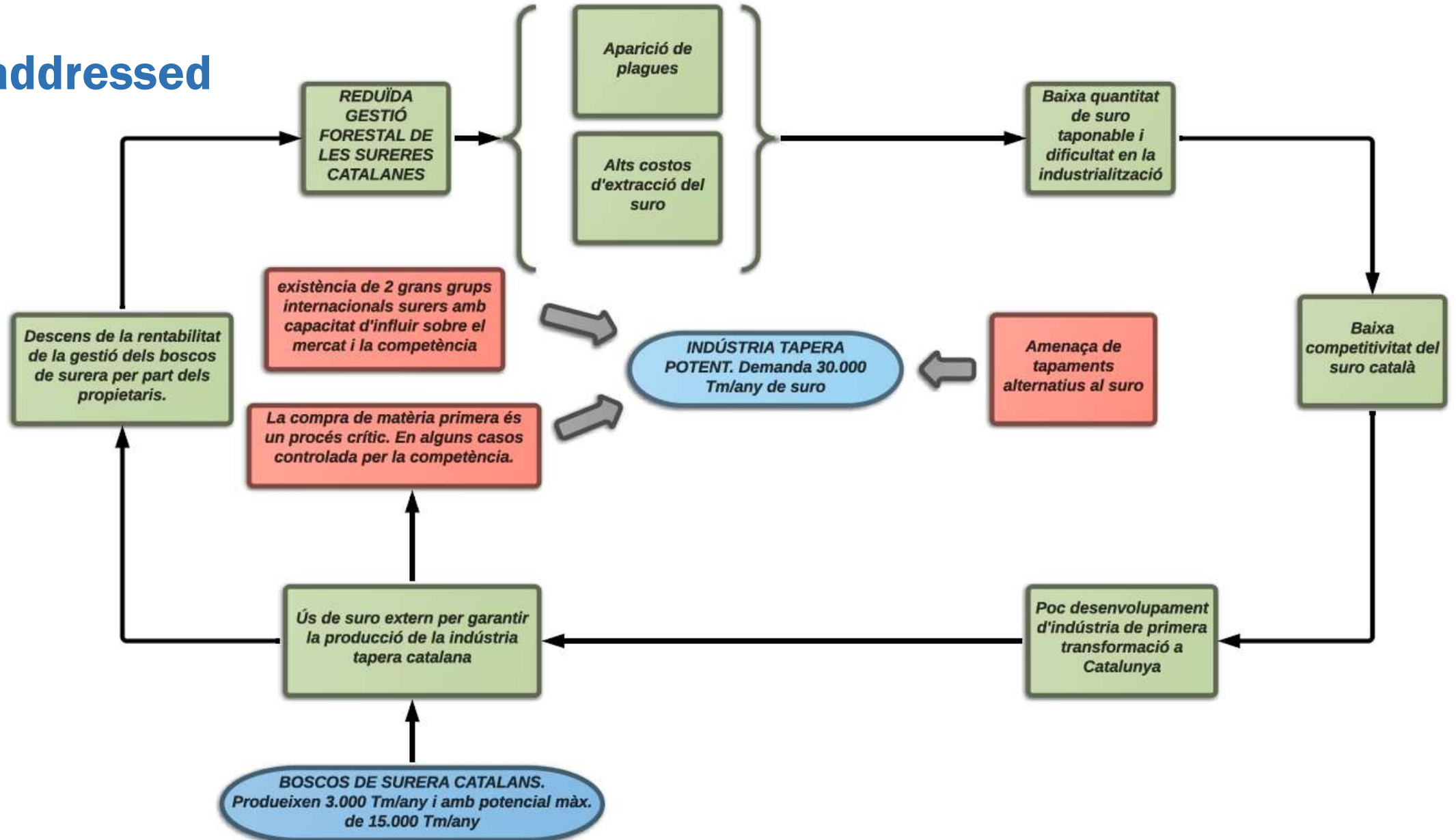
Responsable de Comunicació



Miquel Mascort

Responsable de Comptabilitat

Gaps addressed



Gaps addressed

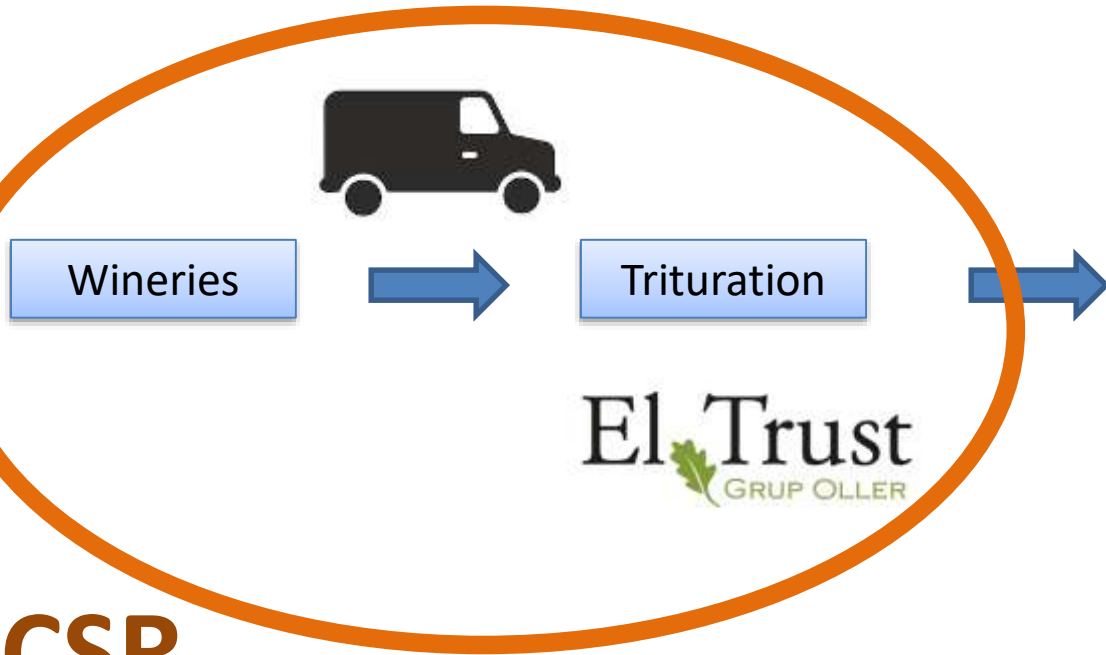


Solution proposed

Our project aims to minimize the cork stoppers waste, demonstrating the importance of cork material to consumers and valorizing the corks using them as a cork tree covers eliminating the use of sintetic rubber and plastic resins.



Solution proposed



CSR



Alternatives to our solution

gravel / rubber



concrete



iron



Porosity	LOW
Perimeter adjustment	HIGH
Environmentally friendly	LOW
Cost	LOW

HIGH
LOW
LOW
HIGH

HIGH
LOW
LOW
HIGH

Next steps

1. Review the results of the field tests
2. Technical adjustments
3. Stock of raw material
4. Commercialization through prescribers: resin manufacturers and distributors, supramunicipal public entities,...
5. Scale increase

Conclusion

Main advantage → simple idea



Promoter is non-profit and with access to municipalities and wineries

our vision

Collection of cork stoppers throughout Spain

Applications in most large municipalities

Quantification of CO2 emission savings

Citizenship empowerment

Cork oak regeneration support



Thanks for your attention

Fundació Institut Català del Suro

Albert Hereu

ahereu@icsuro.com - www.icsuro.com

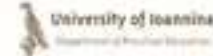
+34 628513642

Palafrugell (Spain)

Coordinator



Partners:



INCREDIBLE receives funding from the European Commission's H2020 programme through the RUR-10-2016-2017 call, Thematic Networks compiling knowledge ready for practice

www.incredibleforest.net