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Innovation Networks for Cork, Resins & Edibles in the Mediterranean basin

#NWFPpolicy

www.incredibleforest.net

Policy Forum "Untapping the potential of non-wood forest products for Europe's green economy"

16th - 17th March 2021

Online event

Coordinator

EFI

Partners

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement Nº 774632.

Forest Products' Market Information System
Portuguese experience

ICNF
Instituto da Conservação da Natureza e das Florestas

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Forest Products' Market Information System - Portuguese experience

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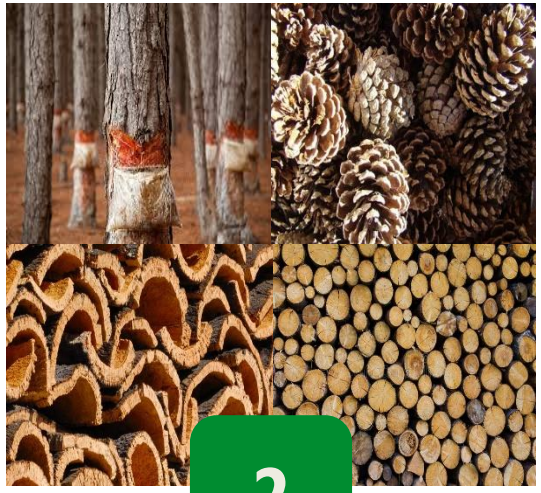
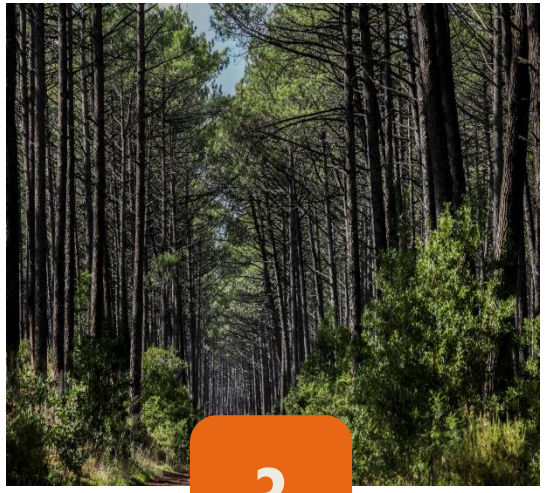


2 MAIN OUTPUTS



3 OUTREACH AND RESULTS

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Forest Products' Market Information System - Portuguese experience

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1 MAIN OBJETIVES

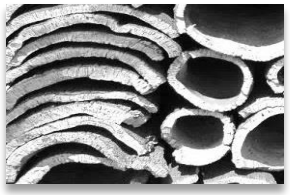
1 - MAIN OBJECTIVES

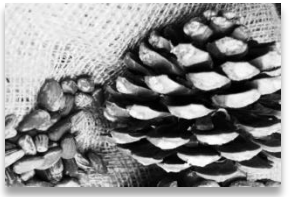
Provide information on forest products trade for the stakeholders

Deliver updated and real time data on forest products prices at the producer level

Compile and aggregate information about forest products trade at the producer level

1 - MAIN OBJECTIVES | FOREST SPECIES & PRODUCTS & PRICES





PRODUCTS

- Timber
- Cork
- Resin
- Pine nuts

FOREST SPECIES

- Type
- Quantities harvested

PRICES

- Differentiated by product
- Type of harvesting (final cut, thinning, savaged and phytosanitary cut…)
- Final use forest product

1 - MAIN OBJECTIVES | STRUCTURE OF FOREST PRODUCTS' MARKET INFORMATION SYSTEM

TWO MAIN SOURCES:

1. Data from public managed forests
2. Data from private forests

Developed in **2018** by the ICNF with participation of stakeholders

So far only **timber prices** have been collected (2018, 2019, 2020 e 2021)

Forest Products' Market Information System - Portuguese experience

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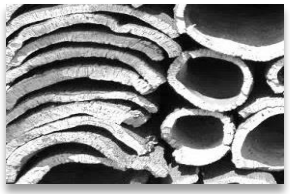
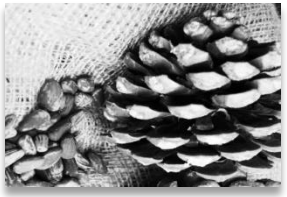
MAIN OUTPUTS

2 - MAIN OUTPUTS & INDICATORS

DATA COLLECTION

- Forest Product
- Forest Species
- Quantity of harvested product (cubic meters, tonne, number, e.g.)
- Prices according to spot (standing/loader/stacked)
- Type of Harvesting ("normal" or extraordinary; clear or selective cuts)
- Certified product (or not certified)
- Timber use (sawn/pulp/posts/energy)

RESULTS BY

- Regions (north, centre and south)
- Prices (min., mean, and max.)
- Prices changes (annual, regional)
- Products quantities (by type of harvesting)
- Products sources (public areas or private areas)
- Number of records (prices for forest species)

Forest Products' Market Information System - Portuguese experience

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OUTREACH AND RESULTS

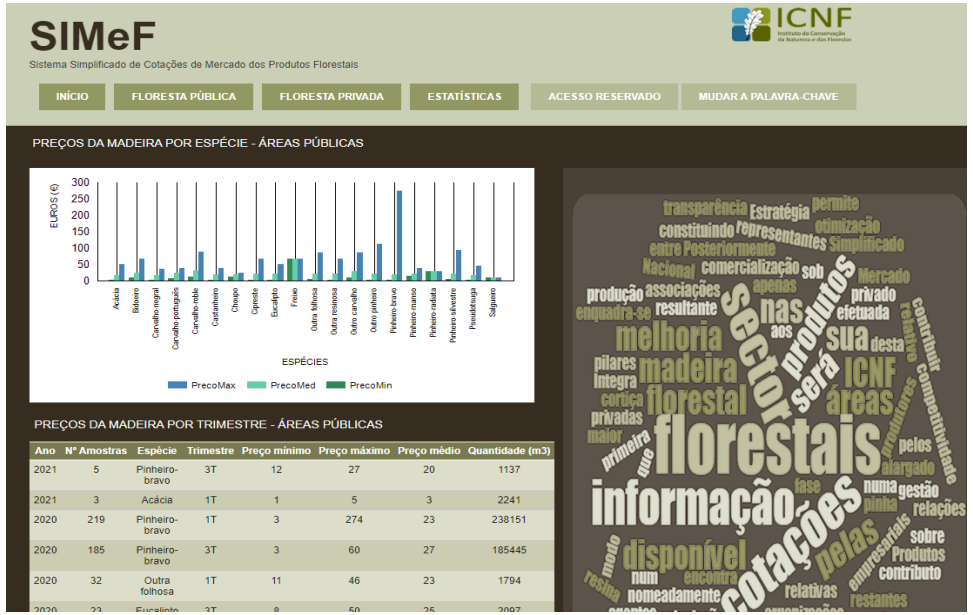
3 - OUTREACH AND RESULTS

OUTREACH

SIMeF Web platform on ICNF

http://www2.icnf.pt/portal/florestas/fileiras/simef/simef-pag

Forest products markets periodic reports



http://www2.icnf.pt/portal/florestas/fileiras/simef

3 - OUTREACH AND RESULTS

MAIN RESULTS & PUBLIC AREAS (2018, 2019, 2020)

Almost 2 000 records (1 948)

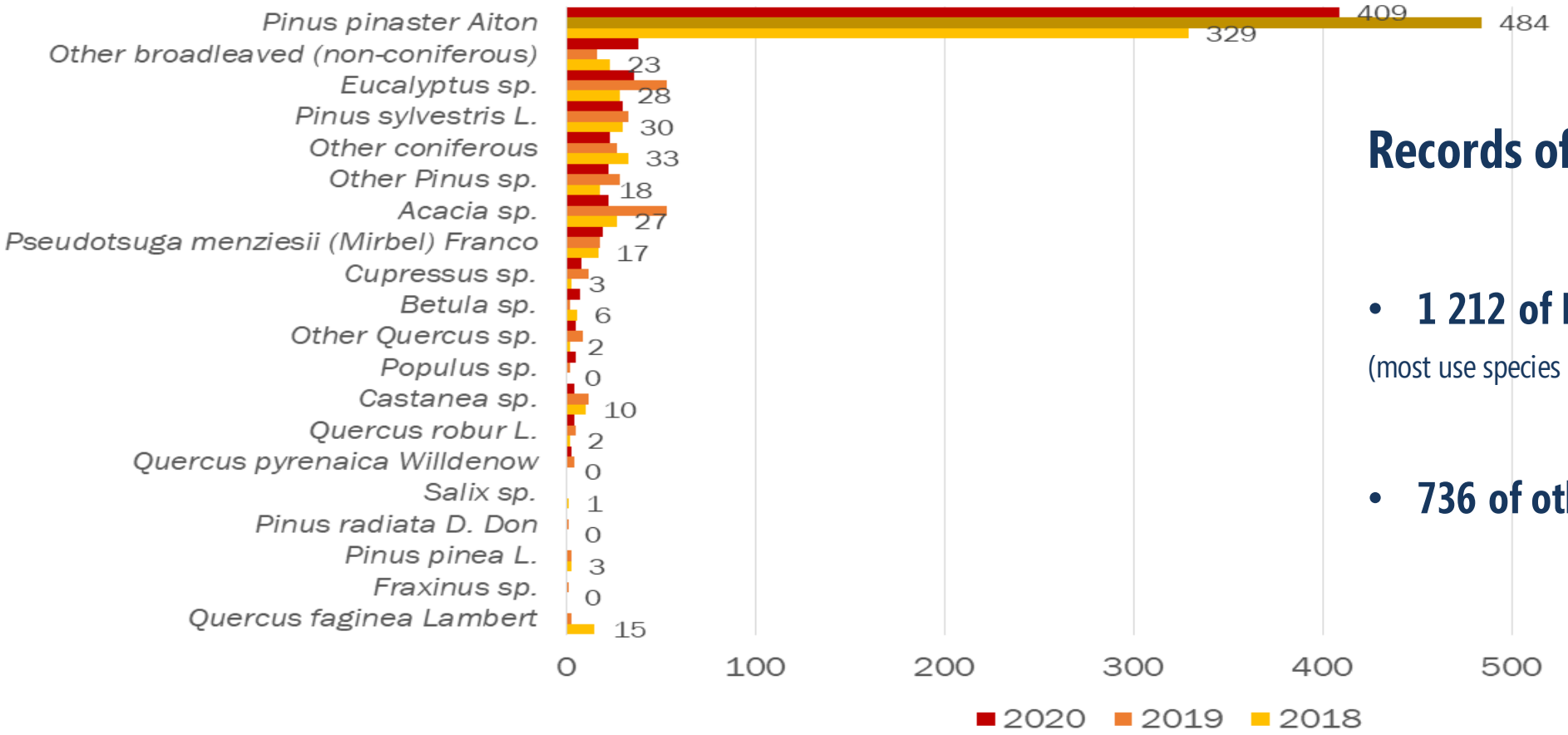
- 1 456 (75%) Community Forest areas
- 1 421 (73%) Extraordinary cuttings
- 969 (50%) Burnt wood

Public areas	2018		2019		2020	
	(n.º)	(%)	(n.º)	(%)	(n.º)	(%)
Forest perimeter (community areas «baldios»)	360	66	625	82	471	74
National woodlands (State privet domain)	187	34	140	18	164	26
Other (State privet properties)			1	0,1		
Total	547	100	766	100	635	100

Cutting characteristics		2018		2019		2020	
		(n.º)	(%)	(n.º)	(%)	(n.º)	(%)
Extraordinary	phytosanitary cut	4	0,7	60	8	22	3
	Broken wood	31	6	54	7	76	12
	Burnt wood	412	75	389	51	168	26
	Dried wood	3	0,5	79	10	123	19
	Sub-total	450	82	582	76	389	61
Normal	Green	97	18	184	24	246	39
Total		547	100	766	100	635	100

3 - OUTREACH AND RESULTS

MAIN RESULTS & PUBLIC AREAS (2018, 2019, 2020)



Records of 20 forest species

- **1 212 of Maritime pine *(Pinus pinaster)***

(most use species in community forest areas)

- **736 of other forest species**

Output by *forest species & Prices*

(euro/cubic meter)	2018				2019				2020			
	Minimum	Medium	Maximum	registers (n.º)	Minimum	Medium	Maximum	registers (n.º)	Minimum	Medium	Maximum	registers (n.º)
Acacia sp.	4	17	31	27	3	15	34	53	1	19	50	22
Betula sp.	10	15	22	6	15	41	67	2	17	28	40	7
Castanea sp.	14	26	38	10	4	13	29	12	14	25	37	4
Cupressus sp.	6	9	10	3	3	17	67	12	15	33	46	8
Eucalyptus sp.	6	20	38	28	3	18	45	53	8	25	50	36
Fraxinus sp.					67	67	67	1				
Other broadleaved (non-coniferous)	10	20	38	23	5	20	86	16	11	23	46	38
Other coniferous	5	20	38	33	3	14	67	27	3	29	46	23
Other *Pinus* sp.	5	11	15	18	4	19	42	28	3	32	113	22
Other *Quercus* sp.	10	17	24	2	12	34	86	9	15	26	43	5
Pinus pinaster Aiton	2	21	50	329	1	16	86	484	3	24	60	409
Pinus pinea L.	18	29	38	3	15	17	20	3				
Pinus radiata D. Don					29	29	29	1				
Pinus sylvestris L.	5	15	32	30	5	22	86	33	11	32	93	30
Populus sp.					15	17	19	2	12	19	25	5
Pseudotsuga menziesii (Mirbel) Franco	5	15	32	17	3	13	29	18	8	24	46	19
Quercus faginea Lambert	8	25	38	15	14	15	16	3				
Quercus pyrenaica Willdenow					4	8	15	4	17	27	37	3
Quercus robur L.	22	55	88	2	12	29	67	5	15	22	31	4
Salix sp.	11	11	11	1								

3 - OUTREACH AND RESULTS

MAIN RESULTS & PUBLIC AREAS (2020)

(euro/cubic meter)	2020 Minimum	Medium	Maximum	registers (n.º)
Acacia sp.	1	19	50	22
Betula sp.	17	28	40	7
Castanea sp.	14	25	37	4
Cupressus sp.	15	33	46	8
Eucalyptus sp.	8	25	50	36
Other broadleaved (non-coniferous)	11	23	46	38
Other coniferous	3	29	46	23
Other *Pinus* sp.	3	32	113	22
Other *Quercus* sp.	15	26	43	5
Pinus pinaster Aiton	3	24	60	409
Pinus sylvestris L.	11	32	93	30
Populus sp.	12	19	25	5
Pseudotsuga menziesii (Mirbel) Franco	8	24	46	19
Quercus pyrenaica Willdenow	17	27	37	3
Quercus robur L.	15	22	31	4

Unity values (euros/cubic meter)

635 records in 2020

- Prices range from min. **3€** til max. **113€**
- **246** green wood
- **190** extraordinary cuttings (**168** Burnt wood and **22** phytosanitary wood)
- **199** damaged wood (**76** broken wood, **123** dried wood)

Main results: Timber uses (unity values per utilization/destination)

(euro/cubic meter)		2018				2019				2020			
		Minimum	Medium	Maximum	registers (n.º)	Minimum	Medium	Maximum	registers (n.º)	Minimum	Medium	Maximum	registers (n.º)
Eucalyptus sp.	Unknown	6	20	38	28	3	18	45	53	8	24	50	32
Eucalyptus sp.	Pellets/Briquetes									30	30	30	1
Eucalyptus sp.	Sawn									26	33	37	3
Pinus pinaster Aiton	Unknown	2	17	38	226	1	16	86	475	3	24	274	373
Pinus pinaster Aiton	Fire wood									12	12	12	1
Pinus pinaster Aiton	Pellets/Briquetes					7	10	11	6	22	30	37	6
Pinus pinaster Aiton	Sawn	15	31	50	103	19	20	22	3	8	33	46	29

Timber uses (firewood, pellets, sawnwood)

Forest Products' Market Information System - Portuguese experience

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FINAL REMARKS

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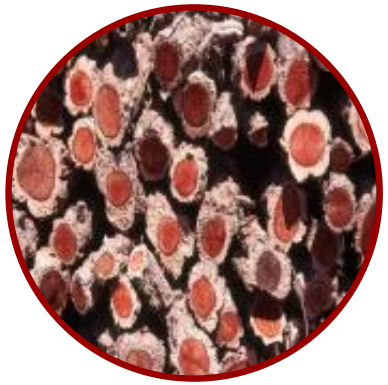

Forest Products' Market Information System adaptation to **non-wood forest products** is on going (cork, resin, pine nuts)

Great potential of Forest Products' Market Information System **based on voluntary data provision**

Possibility of register data from private forest areas but with no records yet (low interest on register forest products prices)

Consider the possibility to mandatory register for all forest sector (legal framework or law enforcement)

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Thank you!

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