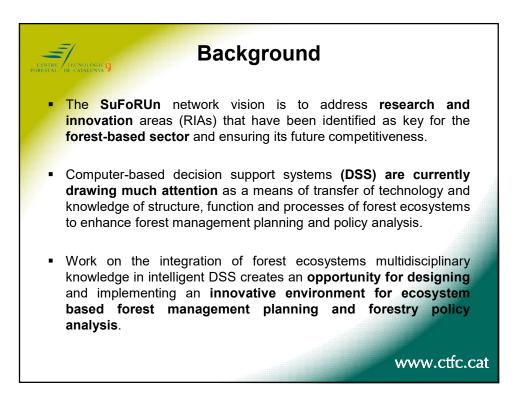
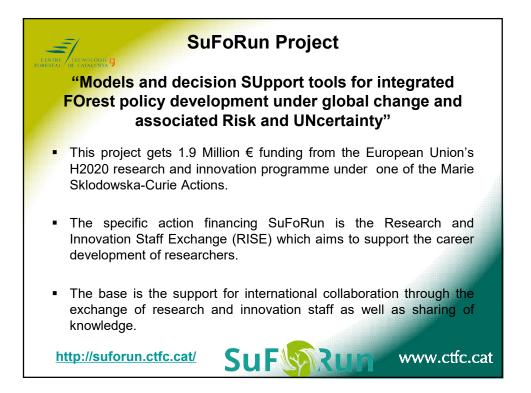


## Background

- The EU and the American experiences with the development/application of models and tools to support forest management and develop innovative forest policies provide a solid base for continuous improvement of its efficiency and effectiveness in a context of global change.
- Nevertheless, the fragmentation of research in areas such as forest modelling, forest management methods, social science, policy making and risk and uncertainty and decision support systems suggests networking and research needs to realize their interdisciplinary integration potential.
- The methods/DSS and tools developed for forest DM are not being used by policy makers...
- This provided the rationale for a project that might strengthen research collaboration through active networking and staff exchange www.ctfc.cat

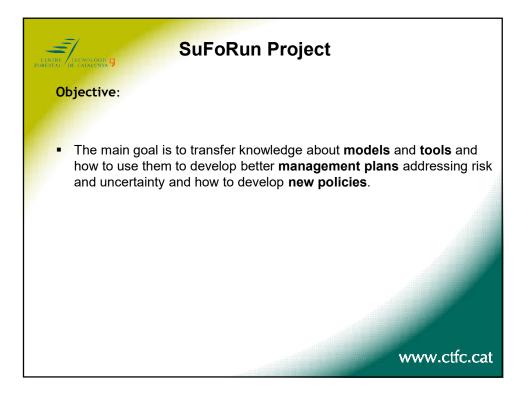








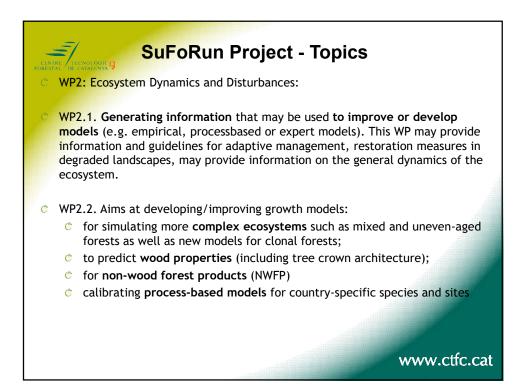
Pe			IFoRu	un l	Proj	ect	:					
No	Name	List of Benefici Short name	short name Country Project Project • Th					onsortium includes 6 EU utions and 7 TC, (non-EU				
1	CENTRE TECNOLOGIC FORESTAL DE CATALUNYA	CTFC	Spain	1	48		organizations).					
2	UNIVERSIDAD POLITECNICA DE MADRID	UPM	Spain	1	48							
3	Instituto Superior de Agronomia	ISA	Portugal	1	48	• F	Partners (TC), some of them					
4	SVERIGES LANTBRUKSUNIVERSITET	SLU	Sweden	1	48	Ş	get funding v	which is m	managed			
5	ITA-SUOMEN YLIOPISTO	UEF	Finland	1	48	ć	at EU institu	tions.				
6	ALBERT-LUDWIGS- UNIVERSITAET FREIBURG	ALU-FR	Germany	1	48							
		Participant numb	er Partner Orga	anisation F	full Name	Partne name	r Organisation Short	Country				
		7	CENTRO AG TROPICAL E ENSENANZA	DE INVES		CATIE		Costa Rica				
		8	The Pennsylv	ania State I	University	PSU		United States	-			
		9	UNIVERSITY	Y OF WAS	HINGTON	UW		United States				
		10	PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE					Chile				
		11	UNIVERSID			USP		Brazil				
		12	UNIVERSID.			UCHIL	E	Chile				
		13	Pacific North	west Resea	rch Station	USDA		United States				
								www.o	ctfc.cat			

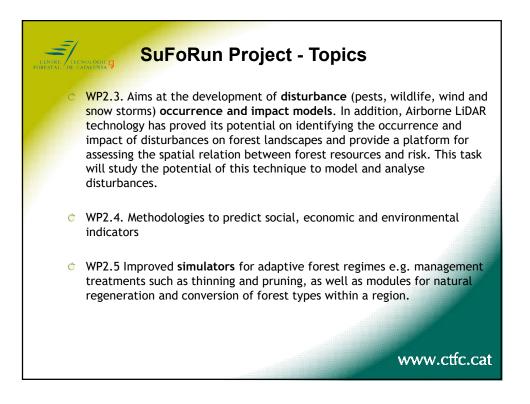




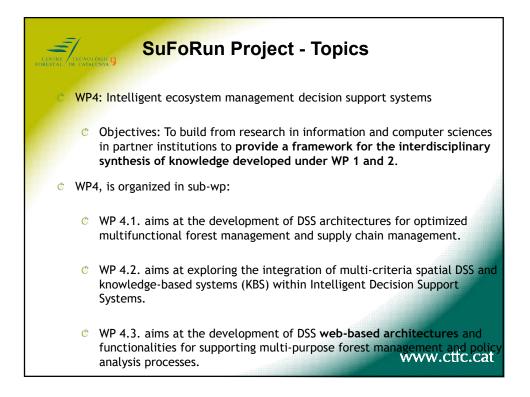
WP Number <sup>9</sup>	WP Title	Lead beneficiary <sup>10</sup>	Start month 12	End month 13
WP1	Project coordination	1 - CTFC	1	48
WP2	Ecosystem dynamics and disturbance (biotic and abiotic) regimes	5 - UEF	1	48
WP3	Ecosystem services supply, risk assessment and trade-off analysis	3 - ISA	1	48
WP4	Intelligent ecosystem management decision support systems	1 - CTFC	1	48
WP5	Communication and dissemination	1 - CTFC	6	48

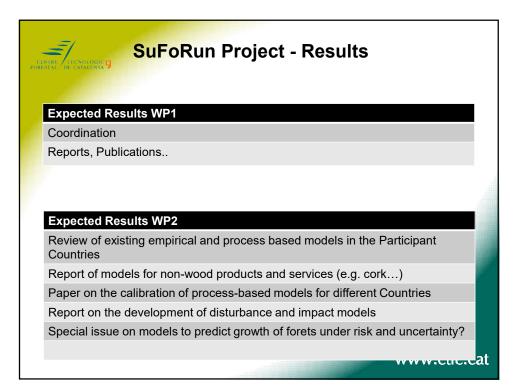


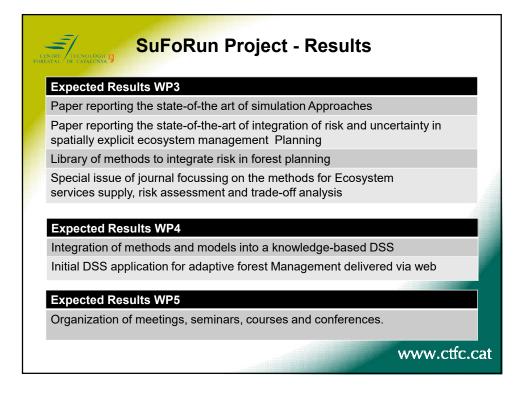






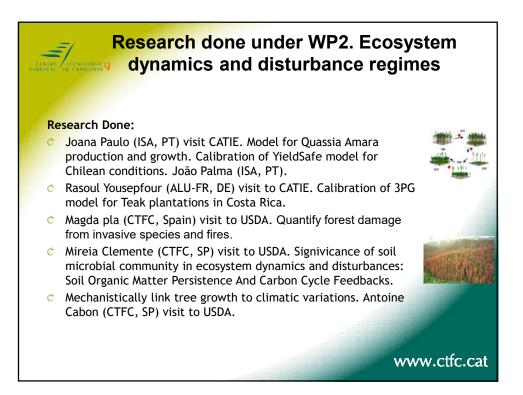


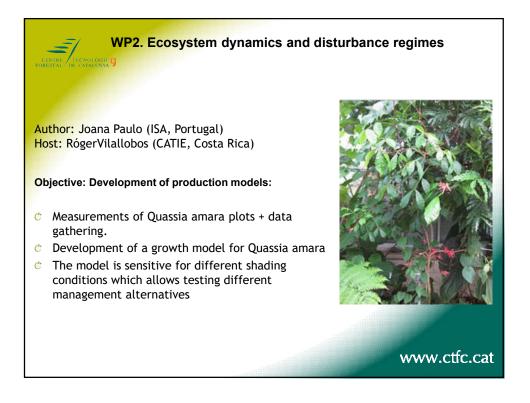


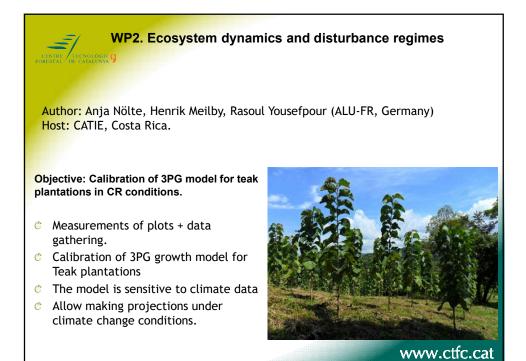


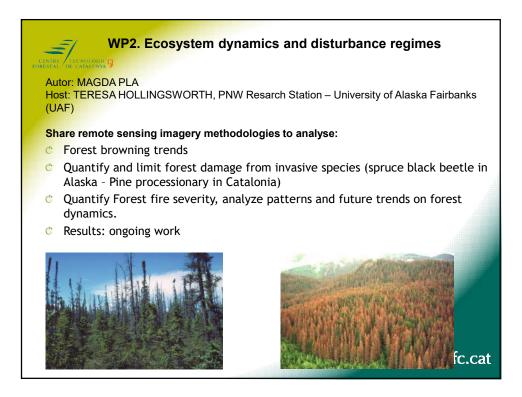
Summary of the exchange program for the whole project.															
		-			5	•	•				• •				
	Hosting institution														
Origin patner		CTFC	UPM	ISA	SLU	UEF	ALU-FR	CATIE	PSU	PUC	UCH	USDA	USP	UW	Total months
CTFC	Spain							12	1	20	10	20	1	9	73
JPM	Spain							5	4	6	2	4	6	6	33
SA	Portugal							15	8	5	13	29	11	18	99
LU	Sweeden							13	7	5	6	7		21	59
JEF	Finland								6	2		14		8	30
LU-FR	Germany							2	11	4		4	9	7	37
ATIE	Costa Rica		15	6	3	6									30
SU	USA			3			2								5
UC	Chile		17	6	9	1	4								37
JCH	Chile	10	5		2	2	2								21
JSDA	USA			3											3
ISP	Brazil	2	3	2	3		4								14
W	USA			3											3
OTAL		12	40	23	17	9	12	47	37	42	31	78	27	69	444

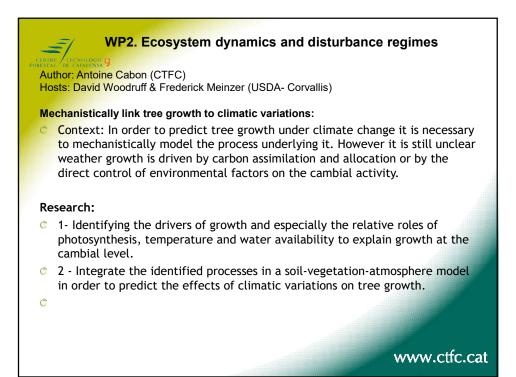


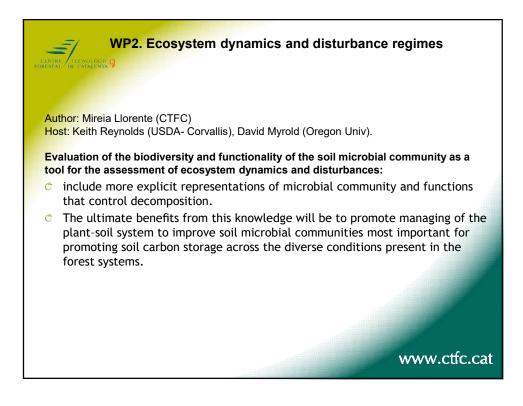


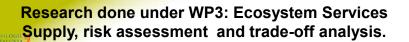












## **Objectives:**

To build from research on forest resources economics and management science in each partner institution to develop innovative tools to simulate the impact of decisions and of social and policy options on forest ecosystems and on the provision of ecosystem services.

## Research Done:

- Adressing Climate Change in a Stochastic Optimization Model in Forest Planning. Jordi Garcia-Gonzalo
- Developing multi-objective stochastic models to account for uncertainty in multi-objective forest planning. Eduardo-Álvarez Miranda
- A MIP Approach for Multi-Action Planning for Threat Management. Habitat conservation problems. José Salgado (UChile - Virgilio Hermoso CTFC).
- Developing Pareto Frontier approaches to examine trade-offs between wildfire risk and the provision of other ecosystem services. Susete Marques and José G. Borges (ISA, Portugal) visiting (PSU, USA)

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