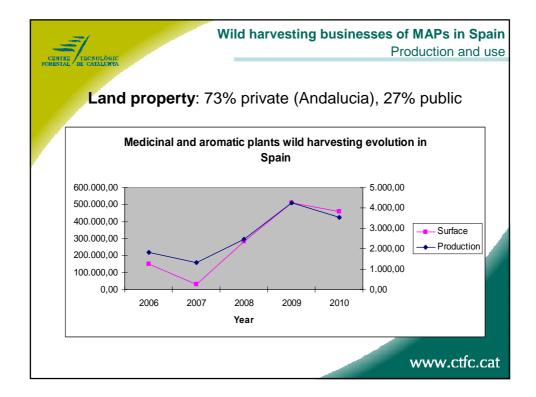


CENTRE LIGKRIGONIE PORESTA DE COLADORA	Wild harve	esting business	es of MAPs in Spain Production and use
	Productive a		botanical registrations
3t	Thymus mastichina	plant in flower	2.244
	Crataegus monogyna	Inflorescences, fruit	2.244
	Thymus zygis	plant in flower	2.092
	Rosmarinus officinalis		
		plant in flower	1.811
	Lavandula latifolia	flower (whole spike)	983
	Cistus ladanifer	plant (after flowering)	943
	Arctostaphyllos uva-ursi	leaves	616
620 ha	Thymbra capitata	flower	338
Story .	Gentiana lutea	roots	286
Agen .	Satureja fruticosa	plant	142
25 t			
			40 t

Use estimation	Associated surface (ha)	total production (t)	Production an Economic value (€)
Total aromatic and medicinal plants	457.246 (1)	3.528 (1)	64.506 (2)
Total non-wood forest products (plants and mushrooms)	3.310.471 (1)	9.411.395 (1)	143.672.984 (2)



	=1		Wild ha	rvesting bu	sinesses	s of MAPs in Sp	
CEN	THE THERNOLOGIC		_			Production and	use
PURES	TAL? DE CRIALENTA						
		Total MAP	s 2009	Total MAP	s 2010	2010 Forest and wild harvesting certified organic	
	REGION	Production	Surface	Production	Surface	Surface	
	Province	(t)	(ha)	(t)	(ha)	(ha)	
	ANDALUCIA	3.797	505.187	2.867	454.445	181.349	
	Almería	332	38.682	319	38.952		
	Cádiz	249	28.739	239	29.234		
	Córdoba	552	63.681	529	64.778		
	Granada	1.036	168.104	958	110.465		
	Huelva	668	76.070	341	75.909		
	Jaén	417	67.217	227	67.227		
	Málaga	192	22.268	91	26.578		
	Sevilla	350	40.426	164	41.122		
	Total MAPs	4.243	508.553	3.528	457.246	217.446	
	Anuario de Estadís	stica Forestal (200	09, 2010)			www.ctfc.c	at

Wild harvesting businesses of MAPs in Spain Production and use										
	Total MAP	s 2009	2010 Forest and wild harvesting certified organic							
REGION	Production	Surface	Production	Surface	Surface					
Province	(t)	(ha)	(t)	(ha)	(ha)					
ARAGON	115				547					
Zaragoza	115									
C.VALENCIANA		229	229		6.213					
Valencia		229	229							
CASTILLA Y LEÓN		428	215		1.166					
Léon		428	115							
Soria			100							
CASTILLA LA MANCHA	104	2801	104	2.801	5.222					
Albacete	104	2801	104	2.801						
R.MURCIA	33		43		341					
Total MAPs	4.243	508.553	3.528	457.246						
Anuario de Estadística Forest	al (2009, 2010)				www.ctfc.cat					









































Collected part: plant after flowering

Prices: 85 €/kg essential oil

Main market: Perfumery

Elaborated products: perfumes

Raw material obtained: essential oil

Production process:

- 1. Contracted harvesters deliver fresh plant to distillers
- 2. Essential oil obtaining
- 3. Distribution to essential oil wholesalers
- 4. Quality control, standardization
- 5. Distribution to fragrances enterprises
- 6. Blending and obtaining of fragrances
- 7. Distribution to perfumery industry









		Wild harvesting businesses of MAPs in Sp. Value ch							
FORESTAL/ DE CATALONYA	collected part	raw material	local population	Group of harvesters	Professional harvesters	Enterprises			
Arctostaphyllos uva-ursi	leaves	dry herb							
Arctostaphyllos uva-ursi	leaves	extracts							
Gentiana lutea	roots	dry herb							
Crataegus monogyna	flower top	dry herb							
Crataegus monogyna	flower top	extracts							
Crataegus monogyna	fruits	dry herb							
Crataegus monogyna	fruits	extracts							
Crataegus monogyna	fruits	juice							
Rosmarinus officinalis	leaves	dry herb							
Rosmarinus officinalis	leaves	fresh herb							
Rosmarinus officinalis	plant in flower	essential oil							
Rosmarinus officinalis	plant in flower	antioxidants							
Thymbra capitata	flowers	essential oil							
Thymbra capitata	flowers	dry herb							
Lavandula latifolia	flower (whole spike)	essential oil							
Thymus zygis	plant in flower	essential oil							
Cistus ladanifer	plant after flowering	essential oil							
Cistus ladanifer	plant	labdanum absolute							
Cistus ladanifer	plant	labdanum gum							
Cistus ladanifer	plant	labdanum resinoid							
Satureja fruticosa	plant	dry herb							
Thymus mastichina	plant in flower	essential oil							

	ΞI	Wild harvesting businesses of MAPs in Spain
CENTR	E TECNOLÓGIC	Value chain
10000000000	Province	Detected harvesting entreprises
	Albacete	Peñarrubia del Alto Guadiana, S.L.
	Almería, Granada	El Jarpil
	Girona	Lluch Recol·lectors
	Girona	Laboratorios Alqvimia
	Girona	Cosmètics Giura, S.C.P.
	Huelva	El repión
	Huelva	Biolandes Andalucía, S.A.
	León	APROGEN - Asociación Promotora de la Genciana y otras plantas de interés de la montaña occidental leonesa
	Lleida	Herboristeria Nogué
	Lleida	TaüllOrganics, S.L.
	Lleida	Plantarom
	Lleida	Herbocat
	Soria	Soria Natural, S.A.
	Teruel	Matarrania
	Valencia	Ecoaromuz
	Valencia	Siempreviva, Coop.V.
1		

Wild harvesting businesses of MAPs in Spain Training needs									
		Training subjects							
	Impor tance (1 to 6)	Sustai nable WH techni ques	Good Collec ting Practi ces	Tranformatio n training (drying/distill ation)	Good manufac turing practice s	Produ cts elabor ation	Commercial isation and market aspects	Norm atives and proce dures	Other (indicate)
collectors									
1. Local population (work commissioned by a buyer)	5	x	x	x	x			x	
2. Group of harvesters (work commissioned by a buyer)	6	x	x					x	
3. Professional harvesters (selling to different buyers)	4	x	x	x	x	x	x	x	
4. Enterprises (auto- consumption for elaborating products)	5	x	x					x	
5. Other (Forest owners)	3			x		x	x	x	
buyers									
wholesalers	5				x			x	
companies	4	x			x			x	

Wild harvesting businesses of MAPs in Spain Training needs										
SEATER / TECHNICIONE		Training actions								
	Regul ar trainin g (cours es, works hops)	Volunt ary trainin g (cours es, works hops)	leaflet s, poster s, CD, DVD	technical documents	open seminar s	mobil e apps	media actions (TV, press)	on- line trainin g	other (indicate which)	
collectors										
1. Local population (work commissioned by a buyer)		x	x		x		x			
2. Group of harvesters (work commissioned by a buyer)	x	x	x						enterprise training	
3. Professional harvesters (selling to different buyers)	x	x	x	x	x			x		
4. Enterprises (auto- consumption for elaborating products)		x	x	x	x				enterprise training	
5. Other (please indicate _ eg. Forest owners_)		x	x	x	x		x	x		
buyers										
wholesalers			x	x	x		x		enterprise training	
companies		x	x	x	x		x		enterprise training	

