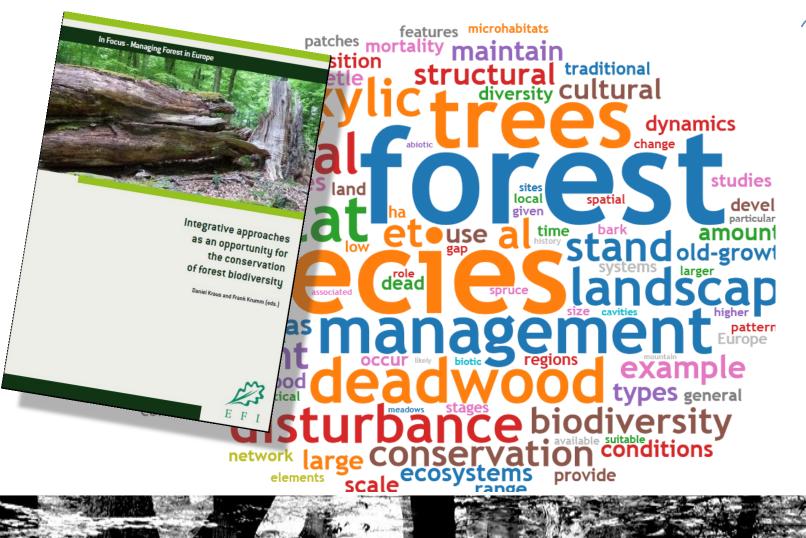




How did we call the green wrath upon us?





# Integrate +

### A critical but constructive donor







## Integrate +



### **Advisory Group**



Kurt Bollmann, WSL

Laurent Larrieu, INRA

Ulrich Mergner, BaySF

Bege Jonsson, MIUN



## Kick-off event



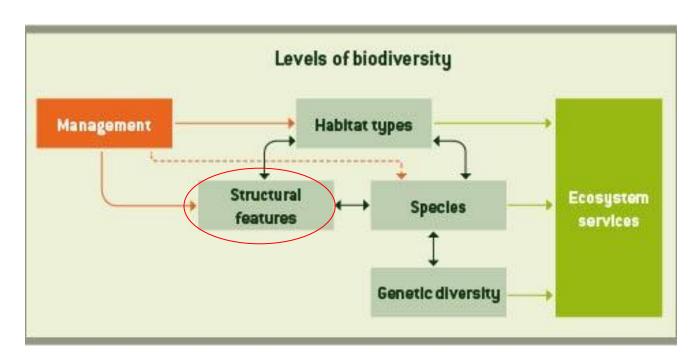


Kick-off meeting took place in March 2014 in Fontainebleau with main partners





### What does biodiversity in forests actually mean?







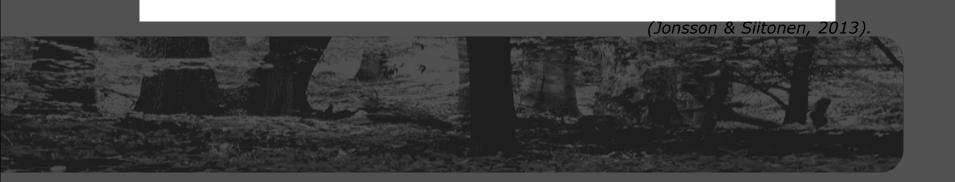
#### What does biodiversity in forests actually mean?

Art. 7 CBD, Bern Convention and Habitats directive:

Conservation of rare, threatened or endemic species

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A clearly differentiated, qualitative approach!

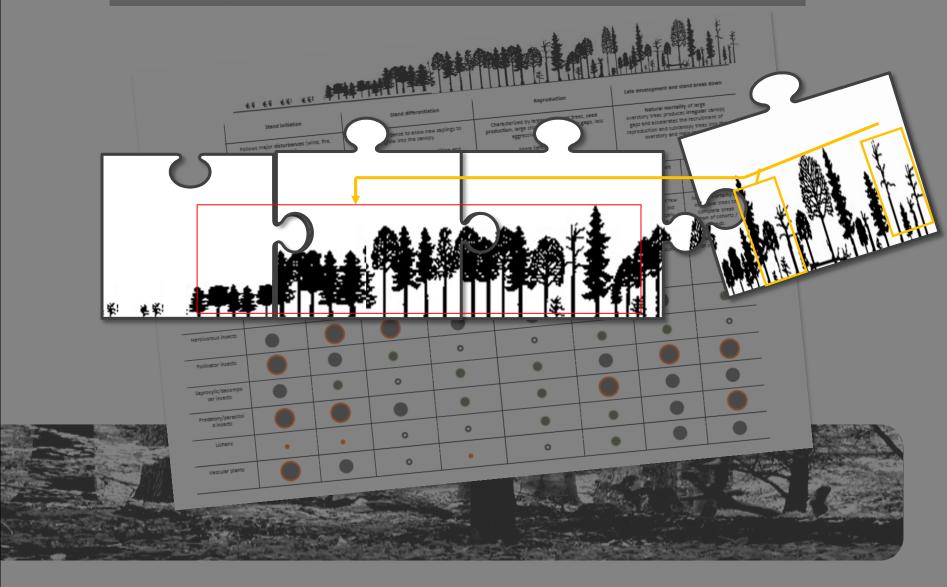


## Forest dynamics and species composition



		FR FR FE:		1		Reproduction	2n	Late development and st	
	+	Stand initiation  Follows major disturbances (wind, fire, clearcuts)		Canopy is too dense to allow new saplings to grow into the canopy.		Characterised by larger and fewer trees, seed production, large crowns, larger canopy gaps, less aggressive crown expansion.  More light reaching the forest floor.		Natural mortality of large overstory trees producer regular canopy gaps and accelerates the recruitment of reproduction and successory trees into the overstory and main canopy.	
	Stage ends who continuous and trea each other for it		opy becomes in to compete with id canopy space	Characterized by growth mortality produced sp	atial adjustments	Early maturity	Late maturity	Late development	Stand break down
	•	Pioneer and Ruderal phase  Few pioneer trees, grasses, first perennials	Regeneration phase  Regeneration of open space from seed, sprouts and advance regeneration.  In managed forests tree planting	Competition is intense and density dependent self-thinning occurs.	Mortality rates are high, especially in the intermediate and suppressed crown classes, full utilization of growing space, possibility of stagnation.	semaining trees may use resources to grow and reach reach their economic metanthy Small cannoy! Spay occur. In managed forests: potential conversion to a continuous forest cover system.		Regeneration is already established.	individual tree! to complete trees to complete trees down of cohorts / stands.  Potential overlap with stand initiation phase.
	Herbivorous insec	E .			•	•	•	•	0
	Pollinator insect		•	•	•	•	•		
	Saproxylic/decor ser insects		•	•	•	•			
	Predatory/pare d insects Lichens			0	•	•			•

#### Forest dynamics and species composition

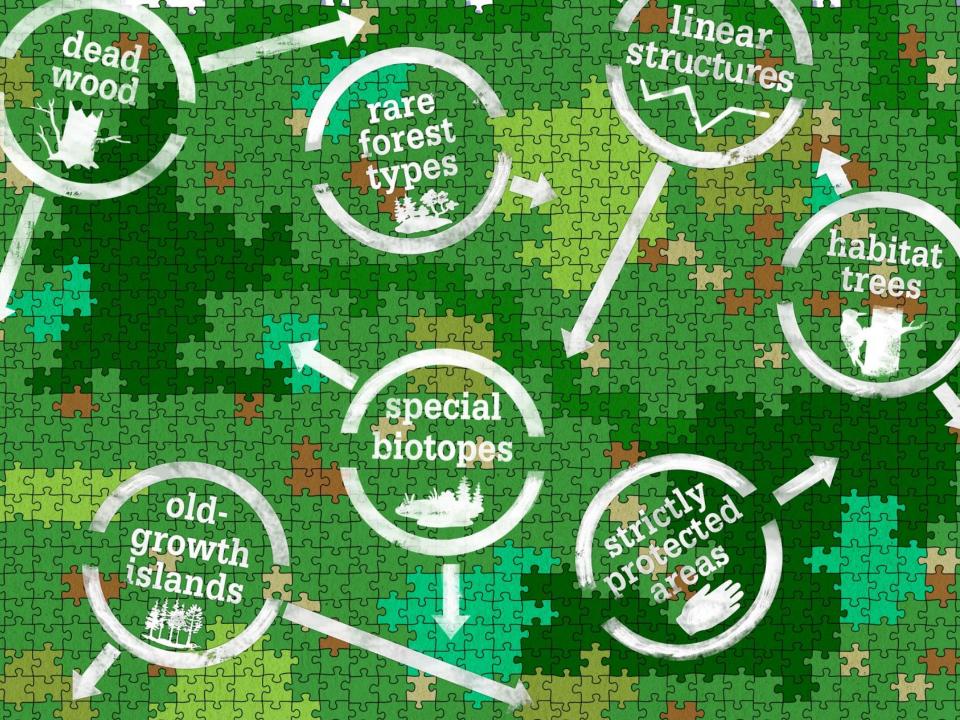


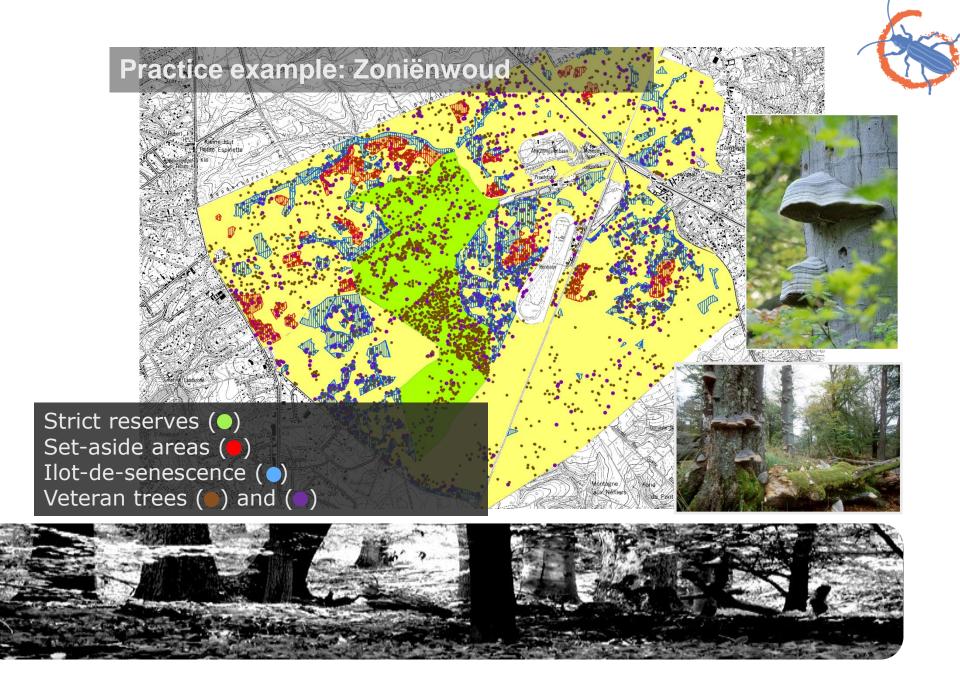


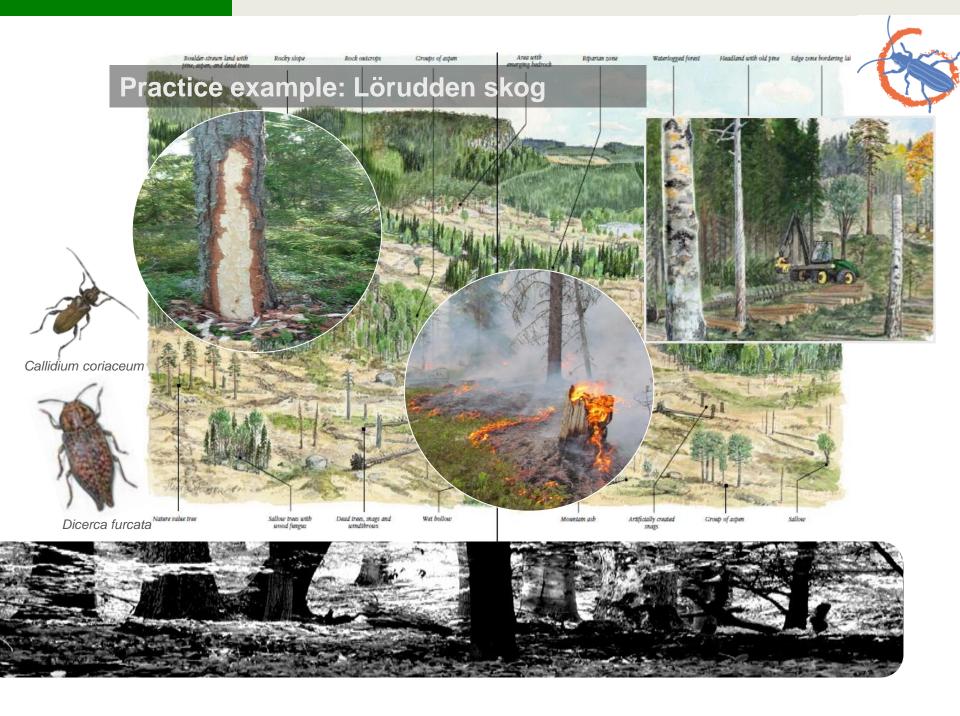
### **Deficit on deadwood structures**





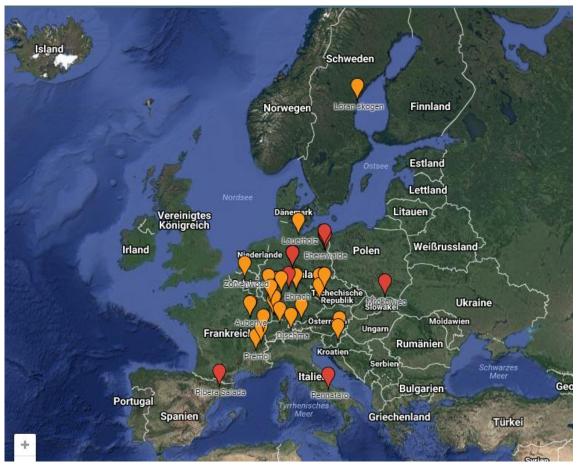




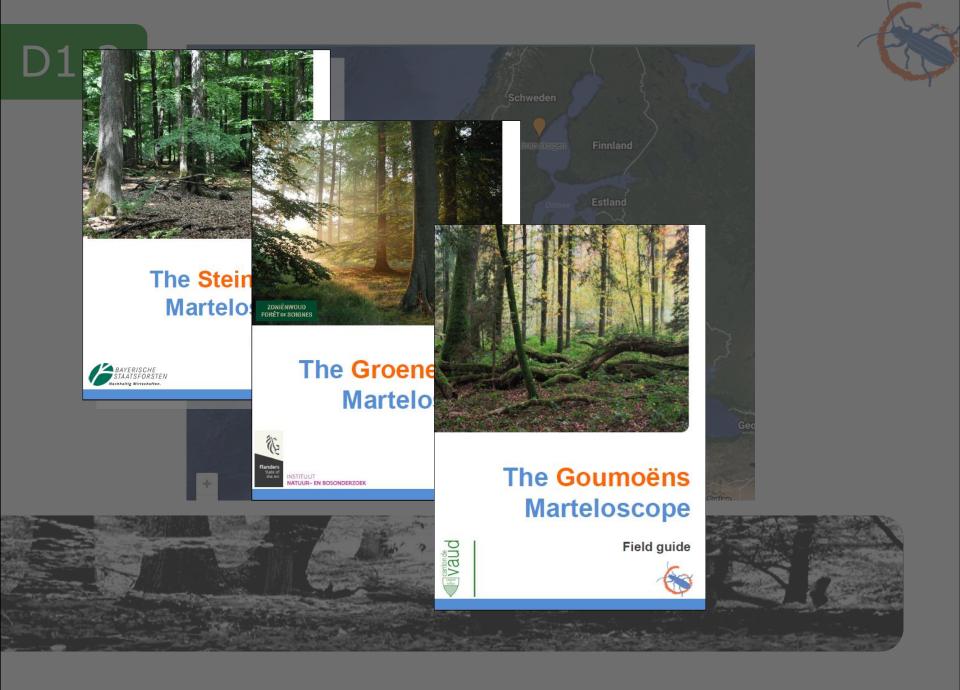


# D1.3









## D5.9 Information packages:





## D5.9 Information packages:











































