

**Integrate meeting  
Dublin 08/09/2025**



## **Use of IBP in Catalonia**

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## IBP in Catalonia: programme coordinated by the CPF

- ❑ 1st stage: 2003 – 2012: Preliminary work (BIBOCAT) —————> IBPC\_V0
- ❑ 2nd stage: 2012 – 2017: Testing IBP and improvement —————> IBP\_V1
- ❑ 3rd stage: 2018 – 2022: Consolidation and validation —————> IBP\_V2



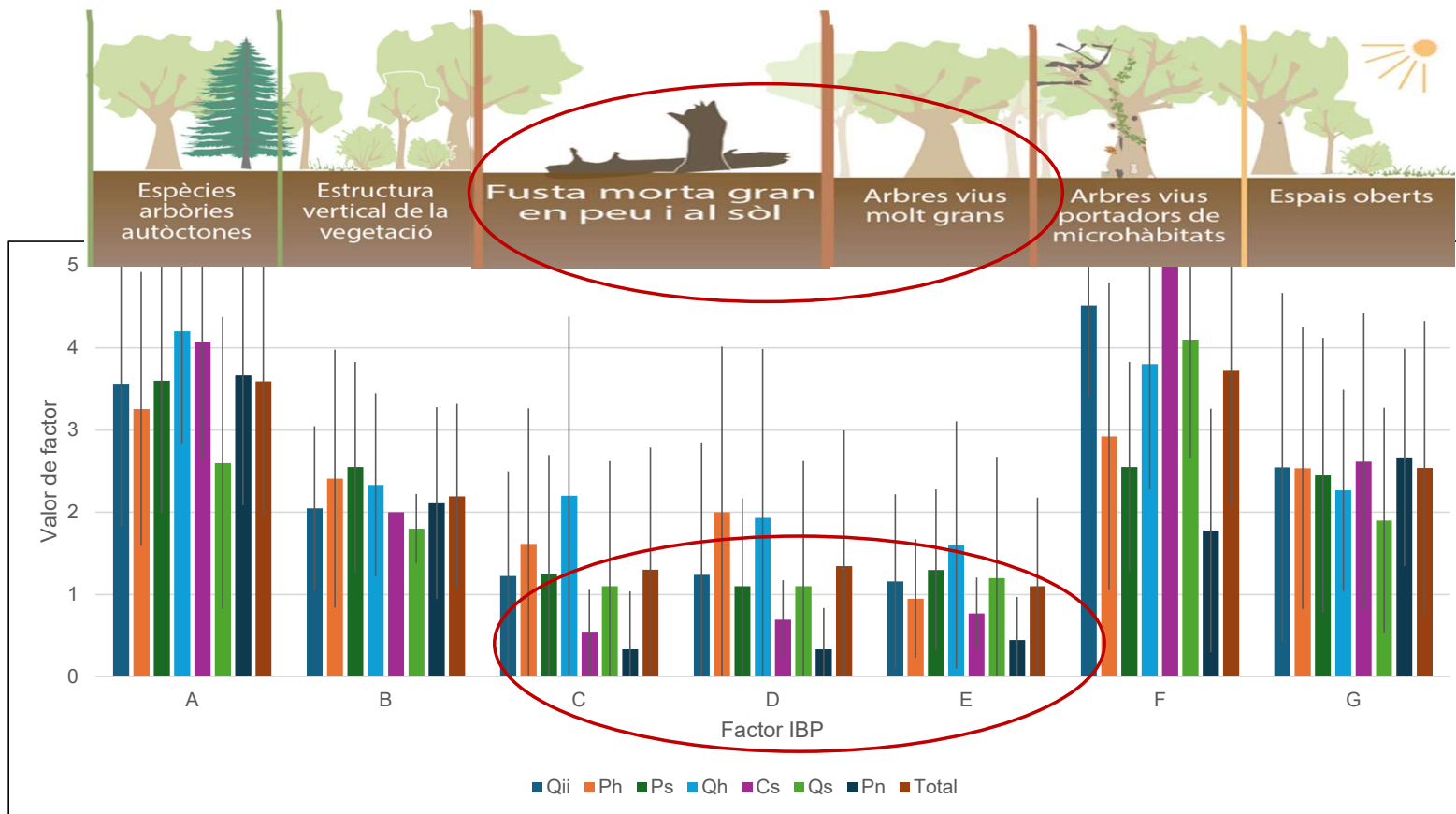
**IBP\_V3  
(2022)**

### Working Group:

- ✓ CPF + CNPF - INRAe
- ✓ Administration Forestry DG + Biodiversity DG
- ✓ Research: CTFC, CREAM
- ✓ Forest owners regional association: CFC



- Applied in 185 forest stands (CPF Network of forest demonstration plots)

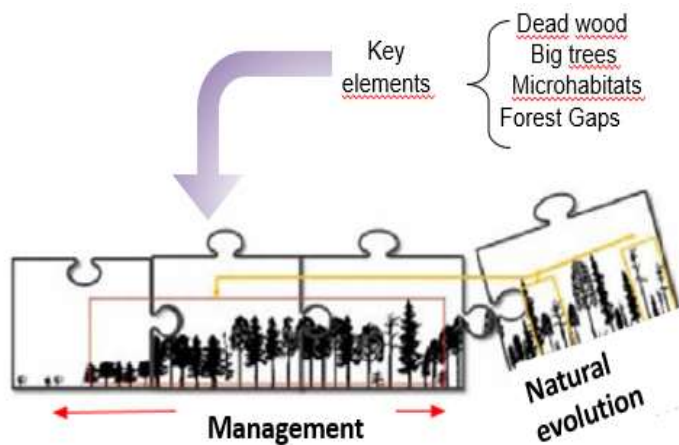


**Results from 185 IBP inventories in mostly young and managed forests**

- **IBP is used as an indicator to assess impact of forest management on biodiversity in the Climate Credit System of Catalonia**



**Integrative forest management (Krumm & Kraus, 2020)**



**Table 1.** Estimated gain in IBP factors (Mediterranean region) that are affected by the improvement measures implemented

PBI Factors	Initial IBP score	Measure proposed	Gain in IBP points
FACTOR A Indigenous tree species	0	Planting (1)-2 new genera	1
		Planting 3-4 new genera	2
		Planting 5 or more new genera	5
	1	Planting 1-2 new genera	1
		Planting 3 or more new genera	4
		Planting (1)-2 or more new genera	3
FACTOR B Diversity of strata	0, 1	New stratum obtained (e.g. by opening up space for scrubland)	1
FACTOR C Large standing dead wood	0	Generation $\geq$ 1 tree/ha standing dead wood, 17.5-27.5 cm	1
		Generation $\geq$ 1-2 tree/ha standing dead wood, $\geq$ 27.5 cm	2
		Generation $\geq$ 3 tree/ha standing dead wood, $\geq$ 27.5 cm	5
	1	Generation 1-2 tree/ha standing dead wood, $\geq$ 27.5 cm	1
		Generation 3 tree/ha standing dead wood, $\geq$ 27.5 cm	4
		Generation 3 tree/ha standing dead wood, $\geq$ 27.5 cm	3
FACTOR D Large dead wood, fallen	0	Generation $\geq$ 1 tree/ha dead wood, fallen $\geq$ 17.5-27.5 cm	1
		Generation 1-2 tree/ha dead wood, fallen $\geq$ 27.5 cm	2
		Generation $\geq$ 3 tree/ha dead wood, fallen $\geq$ 27.5 cm	5
	1	Generation 1-2 tree/ha dead wood, fallen $\geq$ 27.5 cm	1
		Generation $\geq$ 3 tree/ha dead wood, fallen $\geq$ 27.5 cm	4
		Generation $\geq$ 3 tree/ha dead wood, fallen $\geq$ 27.5 cm	3



- **IBP is compulsory in public grants for the provision of ES related to Biodiversity in Catalonia**

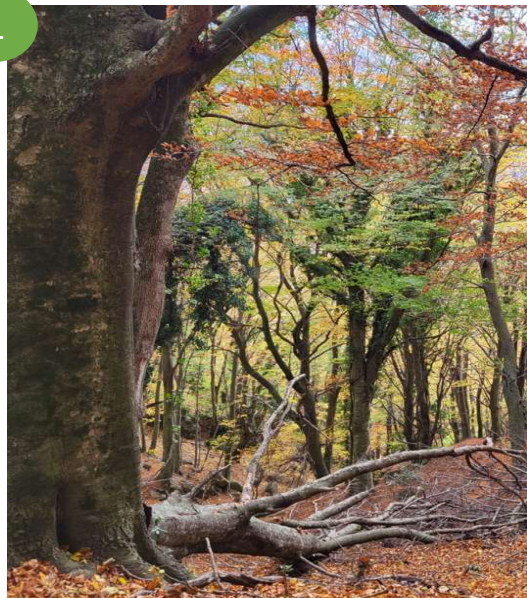
- ✓ **Source of finance: PUBLIC GREEN FUND** (Biodiversity Heritage Fund) fed by a **NEW TAX** on CO<sub>2</sub> cars
- ✓ **Instrument: a public GRANT** for private forest owners

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### **Mature forest reserves (Free evolution)**

Forest must fulfill the criteria of “Pre-mature to mature forest” (REDBOSQUES Index)

Max. 25.000 €/forest,  
Need to sign a contract of  
No management in 25  
years



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### **Integration of biodiversity criteria into productive thinnings**

**Max.**  
10.000€ / forest

IBP index must be  
applied before to define  
the additional treatments  
for that particular forest



## IBP in Catalonia: main insights

- ✓ **Applying IBP requires us to focus on the elements that are important for biodiversity, to train the eye for marking and thinning, especially for non-experts and in times of transition to new management models.**
- ✓ The result of the IBP, complementing the dasometric diagnosis, **help to refine the general recommendations for the promotion of biodiversity** to the specific conditions of the stand.
- ✓ **It provides objective data on the state of a forest in relation to the biodiversity it can host, in a cost-efficient way.** This can be useful for assessing the impact of a certain management, for identifying stands where to prioritize the conservation objective or for complementing habitat quality assessments, as it is applicable to a large number of forests.
- ✓ It is an **excellent knowledge transfer tool in the transition towards Integrative Forest Management**