





Management of IBP standard and the Committee of International experts



P. GONIN¹, L. LARRIEU^{1,2}, T. BAIGES³ ¹CNPF, ²INRAE DYNAFOR, ³CPF

> FIRENZE | 20 MARCH 2023 GOOD PRACTICES TO MANAGE FORESTS WHILE PRESERVING BIODIVERSITY

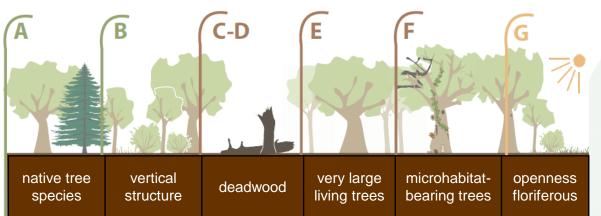
> > FINAL CONFERENCE





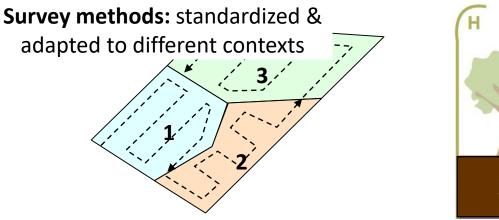
IBP for estimating the potential of forest stands for biodiversity

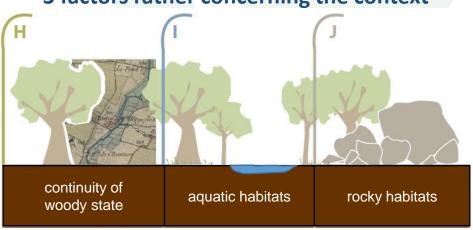
7 factors directly related to management



Indirect & composite indicator

3 factors rather concerning the context





IBP = capacity of forest stands to support common taxonomic biodiversity





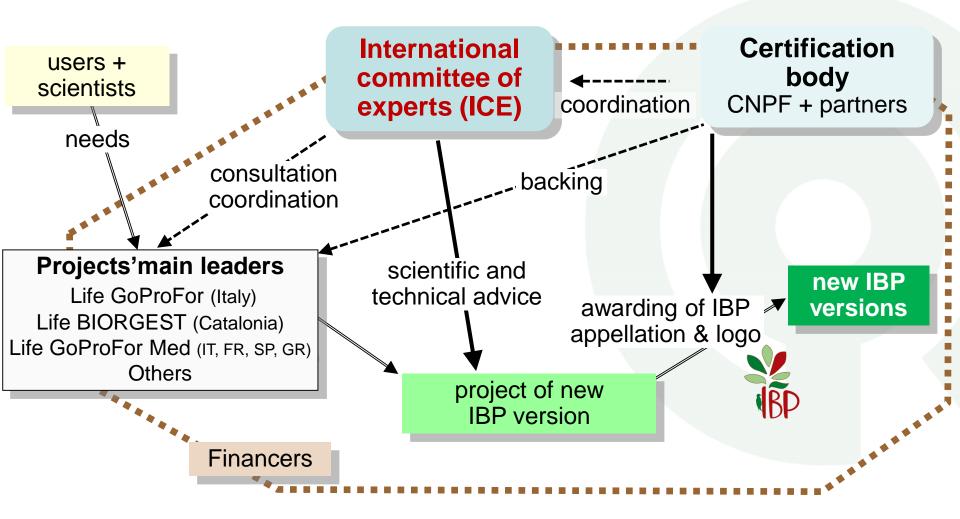
Origin & extension of IBP

| v1.0 | 2008 | France: creation + R&D program (Larrieu & Gonin, 2008) |
|------|------|--|
| | | Other countries: use & tests Catalonia (2012: IBP Cat), Switzerland (2013: test + training), Belgium, Morocco, Lebanon |
| v2.9 | 2018 | |
| | | Life GoProFor (Italy) & Life Biorgest (Catalonia): |
| v3.0 | | IBP harmonization and extension, development of practical documents & dissemination |
| | 2023 | development of practical documents & dissemination |
| | | 2022-2028 : Life GoProFor Med (France, Italy, Greece, Spain) |
| | 2028 | Med |
| | | |
| | | |

• A method to harmonize the IBP definition according to the IBP specifications (Gonin *et al.,* 2017)



An organisational template for co-construction of IBP





International committee of experts (ICE)

- Created in 2019
- Functioning 2019-23 as part of the Life Biorgest project



- Goals
 - Contribute to the coherence of IBP extension projects & to the harmonization of IBP definition
 - Sharing of IBP documents with adaptation and translation
 - Exchange on IBP use, methodologies, etc.
- Composition
 - Coordination : CNPF
 - Representatives of Life projects BIORGEST, GoProFor & GoProFor Med
 - 8-10 experts from Europe and the Mediterranean region







• Functioning 2019-2023

- videoconferences + indoor and field meetings
 + project of regional field trips
 - Language of meeting: French
- Work on documents
- Creation of thematic groups



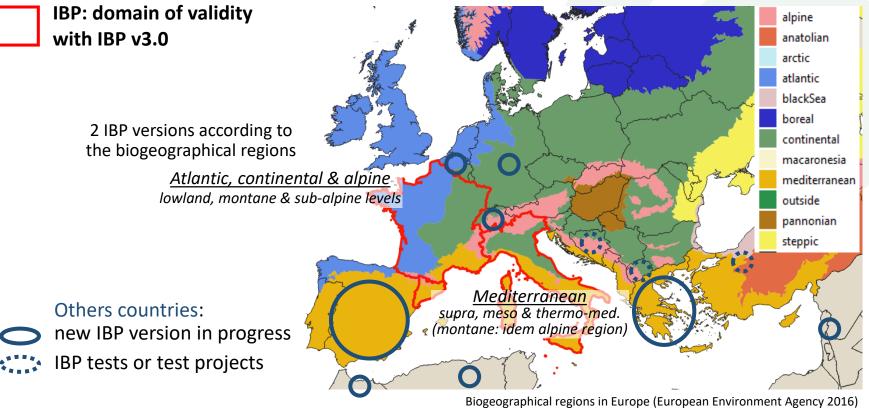




• Example of discussions

• Validation of an harmonized IBP definition \rightarrow new version v3.0

Evolution of definition: new Tree-related Microhabitats typology, factor H "Continuity of woody state", addition of score 1, etc.





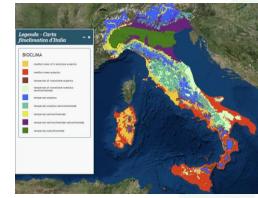


- IBP notation in special cases (mature forests, always high or low scores, studies)
- Delimitation of biogeographical regions used for the 2 IBP versions

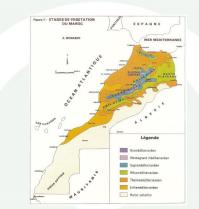


Biogeographical regions in Europe (European Environment Agency 2016)

Ex. of global and regional maps



Phytoclimatic map of Italy



Vegetation levels of Morocco (Benabid 2000-2016)

• Logo: international version



• Presentation of the IBP studies



Conclusion: benefits of the international network on IBP

- a way to **extend IBP** in other countries, with benefits from
 - an existing tool
 - extension experience + a French 15-years R&D program
- exchange of expertise and experience on biodiversity and forest ecosystems
- network covering a large territory and a large range of use contexts → expand the scientific/technical relevance of IBP
- increase the consideration of biodiversity



