

Climafor | Carbon accounting tool



Climafor is a method and a software under development that allows the comparison of carbon balances from two silvicultural itineraries. It takes into account carbon sequestration in the forest, storage in wood products and the substitution effects generated by the use of wood (material or energy).

Taking into account the carbon issue in forest management is becoming more and more important in France, giving rise to research and development projects. The Climafor software responds to a challenge: to make carbon calculations easier to access and less time consuming. The data sources used (production tables, calculation coefficients) are now well known. Climafor integrates them into a single tool, which does not require any special training. The calculations are instantaneous and the results can be used directly in a forest carbon project. The calculations made by the software are based on production tables for each species and different coefficients from research. The software will be continuously improved by updating the different parameters and adding new tables. For the moment, it is being developed by the IDF (Institute of Forestry Development), the R&D branch of the CNPF.

PLUS DE DÉTAILS

DÉFI CONCERNÉ

1. Améliorer la résilience de la forêt et son adaptation au changement climatique

MOTS-CLÉS

Calculation
carbon
sylviculture
software

PAYS D'ORIGINE

France

DOMAINE

Inventaire, diagnostic, monitoring
Recherche et développement

SOLUTION DIGITALE

Non

ECHELLE D'APPLICATION

Locale

TYPE DE SOLUTION

Modélisation, DSS, simulation, optimisation

INNOVATION

Oui

DÉBUT ET FIN D'ANNÉE

2018 -

INFORMATIONS DE CONTACT

PROPRIÉTAIRE OU AUTEUR

CNPF

Simon Martel

simon.martel@cnpf.fr

<https://www.cnpf.fr/n/foret-et-carbone/n:2490>

RAPPORTEUR

Henri Husson

h.husson@crpf.fr

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

<https://www.cnpf.fr/n/diagnostic-carbone-territorial/n:2492>

SITE WEB DU PROJET

--

RÉFÉRENCE DU PROJET

--

RESSOURCES

--

LOGO DE LA BONNE PRATIQUE



LOGO DE L'ORGANISATION PRINCIPALE



PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A été CRÉÉE

Rosewood 4.0

DATE DE PUBLICATION

11 août 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 862681

A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY

