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.

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

1. Verbesserung der Widerstandsfähigkeit der Wälder und ihrer Anpassung an den Klimawandel

DOMäNE

Bestandsaufnahme, Bewertung, Überwachung
Forschung und Entwicklung

ART DER LöSUNG

Modellierung, DSS, Simulation, Optimierung

SCHLüSSELWöRTER

Calculation
carbon
sylviculture
software

DIGITALE LöSUNG

Nein

INNOVATION

Ja

HERKUNFTSLAND

Frankreich

UMFANG DER ANWENDUNG

Lokal

ANFANGS- UND ENDJAHR

2018 -

KONTAKTDATEN

EIGENTüMER ODER AUTOR

CNPF
Simon Martel
simon.martel@cnpf.fr
https://www.cnpf.fr/n/foret-et-carbone/n:2490

REPORTER

Henri Husson
h.husson@crpf.fr

REFERENCES AND RESOURCES

HAUPT-WEBSITE

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

PROJEKT-WEBSITE

--

PROJEKT-REFERENZ

--

RESSOURCEN

--

LOGO DER BEST PRACTICE

LOGO DER HAUPTORGANISATION

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood 4.0

BEITRAGSDATUM

11 Aug. 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