



The thematic focus is on the sustainable design of the entire value chain in the field of (tropical) forest and (tropical) wood. A project in Germany is a digital forest monitoring. The main idea is the development of an app that collects decentralized data in the forest and consolidates them on a platform. Based on this information, the app shall automatically offer information and recommend actions. The app enables forest owners to collect data even if they do not possess subject-specific knowledge. This tool facilitates the cultivation of forest and helps to make it more efficient. Furthermore, due to the easy application, more wood can be mobilized.

Accomplishment of several projects

## DETAILS

---

### ORIGIN OF WOOD

Forest

### TYPE OF WOOD

Stemwood

### KIND OF WOOD CONCERNED

Depending on app user

### IMPACT ON ENVIRONMENT & BIODIVERSITY

Positive/ App provides information accordingly

### INCOME EFFECT

Collected data can be used to inform financial providers

### EXPLOITATION POTENTIAL

--

### HUB

--

### ECONOMIC IMPACT

Medium

### SPECIFIC KNOWLEDGE NEEDED

Dealing with Smartphones

### MOBILIZATION POTENTIAL

Digitalization

### SUSTAINABILITY POTENTIAL - VALUE

--

### EASE OF IMPLEMENTATION

Medium

### EASE OF IMPLEMENTATION - EVALUATION

--

### KEY PREREQUISITES

Big Project!

Winner of the google.org impact challenge Germany

### TYPE OF EVENT WHERE THIS BPI HAS BEEN FEATURED

--

### JOB EFFECT

N.A.

### COSTS OF IMPLEMENTATION ( EURO - € )

--

## MORE DETAILS

---

### CHALLENGE ADDRESSED

--

### KEYWORDS

--

### COUNTRY OF ORIGIN

Germany

### DOMAIN

Forest management, ecosystem, resilience

### DIGITAL SOLUTION

Yes

### SCALE OF APPLICATION

Regional/sub-national

### TYPE OF SOLUTION

Data platforms, data hubs

### INNOVATION

No

### START AND END YEAR

2013 -

## CONTACT DATA

---

### OWNER OR AUTHOR

info@fairventures.org

### REPORTER

## REFERENCES AND RESOURCES

---

### MAIN WEBSITE

<https://fairventures.org/>

### PROJECT WEBSITE

--

### PROJECT REFERENCE

--

### RESOURCES

--

---

**PROJECT UNDER WHICH THIS FACTSHEET HAS BEEN CREATED**

Rosewood

**POST DATE**

7 Oct 2019

---



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**

