Collection an use of urban wood waste



TEGA operates in urban public services area and initiated large campaign for wood residue collection in cities/villages in Covasna County. TEGA uses wood chips as fuel in its heating plant and provide heating for its workshops, offices. The capacity of the heat boiler is 200 kWt.
The idea was to collect wood residues from green areas. Collected wood residues are chopped and crushed and can be delivered for energy production. Types of collected waste wood: i.e. forest sanitation, gardening cuttings and cleaning operations. The types of biomass used are wood residues (barks, chips, branches).

Energy problems are so acute, that it is no longer possible to satisfy the local's constantly growing needs. This growth of energy demand must be increasingly satisfied by diversified energy sources, including sustainable and renewable resources. Biomass is a renewable energy option that can be practical and safe, can strengthen the circular economy, and can help ease the urgent strain on our planet's ecosystem.

TEGA company promotes and invests in acceleration of the entire biomass chain. The company members participate in collection, chipping activities and produce more than 500 m3 woodchips. They use this biomass material and valorize at the company. Moreover, training sessions on bioenergy issues, active involvement in local projects such as at waste collection actions TEGA company was actively involved.

DETAILS

HERKUNFT DES HOLZES
Landschaftsbau, Kommunalwälder

ART DES HOLZES
Recyceltes oder Abfallholz

ART DES BETROFFENEN HOLZES
Wood residuals, branches, barks, chips, old wreaths, christmas trees, etc

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITäT
TEGA S.A. focused on the economic sustainability of the initiatives based on the circular economic model.

EINKOMMENSEFFEKT
The activity of the company is more sustainable by reducing the energy expenses

VERWERTUNGSPOTENZIAL
--

NABE
--

WIRTSCHAFTLICHE AUSWIRKUNGEN
257 employees, Turnover 1 mil. €

SPEZIFISCHES WISSEN ERFORDERLICH

MOBILISIERUNGSPOTENZIAL
500 m3 comparing to normal practice, affected area is 3400 km2

POTENZIAL FüR NACHHALTIGKEIT - WERT
--

LEICHTE IMPLEMENTIERUNG
Easy

LEICHTE IMPLEMENTIERUNG - BEWERTUNG
--

WICHTIGE VORAUSSETZUNGEN
Urban wood waste to energy

ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE
--

ARBEITSPLATZEFFEKT
20 new jobs

KOSTEN DER IMPLEMENTIERUNG (EURO - €)
--

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG

--

SCHLüSSELWöRTER

--

HERKUNFTSLAND

Rumänien

DOMäNE

Holzenergie-Industrie

DIGITALE LöSUNG

Nein

UMFANG DER ANWENDUNG

Lokal

ART DER LöSUNG

--

INNOVATION

Nein

ANFANGS- UND ENDJAHR

2010 -

REFERENCES AND RESOURCES

HAUPT-WEBSITE

https://www.tega.ro/

PROJEKT-WEBSITE

--

PROJEKT-REFERENZ

--

RESSOURCEN

--

PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

27 Sep 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