

Collection and 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

MOBILISIERUNGSPOTENZIAL

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

ART DES BETROFFENEN HOLZES

Wood residuals, branches, barks, chips, old wreaths, christmas trees, etc

LEICHTE IMPLEMENTIERUNG

Easy

AUSWIRKUNGEN AUF UMWELT UND BIODIVERSITÄT

TEGA S.A. focused on the economic sustainability of the initiatives based on the circular economic model.

LEICHTE IMPLEMENTIERUNG - BEWERTUNG

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EINKOMMENSEFFEKT

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

WICHTIGE VORAUSSETZUNGEN

Urban wood waste to energy

VERWERTUNGSPOTENZIAL

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ART DER VERANSTALTUNG, AUF DER DIESE BPI VORGESTELLT WURDE

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NABE

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ARBEITSPLATZEFFEKT

20 new jobs

WIRTSCHAFTLICHE AUSWIRKUNGEN

257 employees, Turnover 1 mil. €

KOSTEN DER IMPLEMENTIERUNG (EURO - €)

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SPEZIFISCHES WISSEN ERFORDERLICH

MEHR DETAILS

ANGESPROCHENE HERAUSFORDERUNG	DOMÄNE	ART DER LÖSUNG
--	Holzenergie-Industrie	--
SCHLÜSSELWÖRTER	DIGITALE LÖSUNG	INNOVATION
--	Nein	Nein
HERKUNFTSLAND	UMFANG DER ANWENDUNG	ANFANGS- UND ENDJAHR
Rumänien	Lokal	2010 -

REFERENCES AND RESOURCES

HAUPT-WEBSITE	RESSOURCEN
https://www.tega.ro/	--
PROJEKT-WEBSITE	
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PROJEKT-REFERENZ	
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PROJEKT, IN DESSEN RAHMEN DIESES FACTSHEET ERSTELLT WURDE

Rosewood

BEITRAGSDATUM

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A TOOL FROM ROSEWOOD 4.0, DESIGNED AND DEVELOPED BY



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