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.

DéTAILS

ORIGINE DU BOIS
Forêts communales, d'agrément

TYPE DE BOIS
Bois recyclé ou rémanants

TYPE DE BOIS CONCERNé
Wood residuals, branches, barks, chips, old wreaths, christmas trees, etc

IMPACT SUR L'ENVIRONNEMENT ET LA BIODIVERSITé
TEGA S.A. focused on the economic sustainability of the initiatives based on the circular economic model.

EFFET SUR LE REVENU
The activity of the company is more sustainable by reducing the energy expenses

POTENTIEL D'EXPLOITATION
--

HUB
--

IMPACT éCONOMIQUE
257 employees, Turnover 1 mil. €

CONNAISSANCES SPéCIFIQUES REQUISES

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

POTENTIEL DE DURABILITé - VALEUR
--

FACILITé D'IMPLéMENTATION
Easy

FACILITé D'IMPLéMENTATION - ÉVALUATION
--

PRéREQUIS CLéS
Urban wood waste to energy

TYPE D'éVéNEMENT Où CETTE ICPE A éTé PRéSENTéE
--

EFFET SUR L'EMPLOI
20 new jobs

COûTS D'IMPLéMENTATION (EURO - €)
--

PLUS DE DéTAILS

DéFI CONCERNé

--

DOMAINE

Industrie du bois énergie

TYPE DE SOLUTION

--

MOTS-CLéS

--

SOLUTION DIGITALE

Non

INNOVATION

Non

PAYS D'ORIGINE

Roumanie

ECHELLE D'APPLICATION

Locale

DéBUT ET FIN D'ANNéE

2010 -

REFERENCES AND RESOURCES

SITE WEB PRINCIPAL

https://www.tega.ro/

SITE WEB DU PROJET

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RéFéRENCE DU PROJET

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RESSOURCES

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PROJET SOUS LEQUEL CETTE FICHE D'INFORMATION A éTé CRééE

Rosewood

DATE DE PUBLICATION

27 sep 2019

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

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