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.

DETALHES

ORIGEM DA MADEIRA

Jardinagem, Áreas florestais municipais

TIPO DE MADEIRA

Madeira reciclada ou residuos

TIPO DE MADEIRA EM CAUSA

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

IMPACTE NO AMBIENTE E BIODIVERSIDADE

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

IMPACTE NAS RECEITAS

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

POTENCIAL DE EXPLORAçãO

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HUB

--

IMPACTE ECONOMICO

257 employees, Turnover 1 mil. €

CONHECIMENTOS ESPECIFICOS NECESSáRIOS

POTENCIAL DE MOBILIZAçãO

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

SUSTENTABILIDADE POTENCIAL - VALOR

--

FACILIDADE DE IMPLEMENTAçãO

Easy

FACILIDADE DE IMPLEMENTAçãO

--

PRE-REQUISITOS CHAVE

Urban wood waste to energy

TIPO DE EVENTO EM QUE ESTE BPI TEM SIDO APRESENTADO

--

IMPACTE NO EMPREGO

20 new jobs

CUSTOS DE IMPLEMENTAçãO (EURO - EUR)

--

MAIS DETALHES

DESAFIO ABORDADO

--

DOMíNIO

Industria da madeira para energia

TIPO DE SOLUçãO

--

PALAVRAS-CHAVE

--

SOLUçãO DIGITAL

Não

INOVAçãO

Não

PAíS DE ORIGEM

Roménia

ESCALA DE APLICAçãO

Local

ANO DE INíCIO E FIM

2010 -

REFERENCES AND RESOURCES

WEBSITE PRINCIPAL

https://www.tega.ro/

WEBSITE DO PROJETO

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REFERêNCIA AO PROJETO

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RECURSOS

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PROJETO NO âMBITO DO QUAL A FOLHA DE DIVULGAçãO FOI CRIADA

Rosewood

DATA DE ENTRADA

27 Set 2019

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