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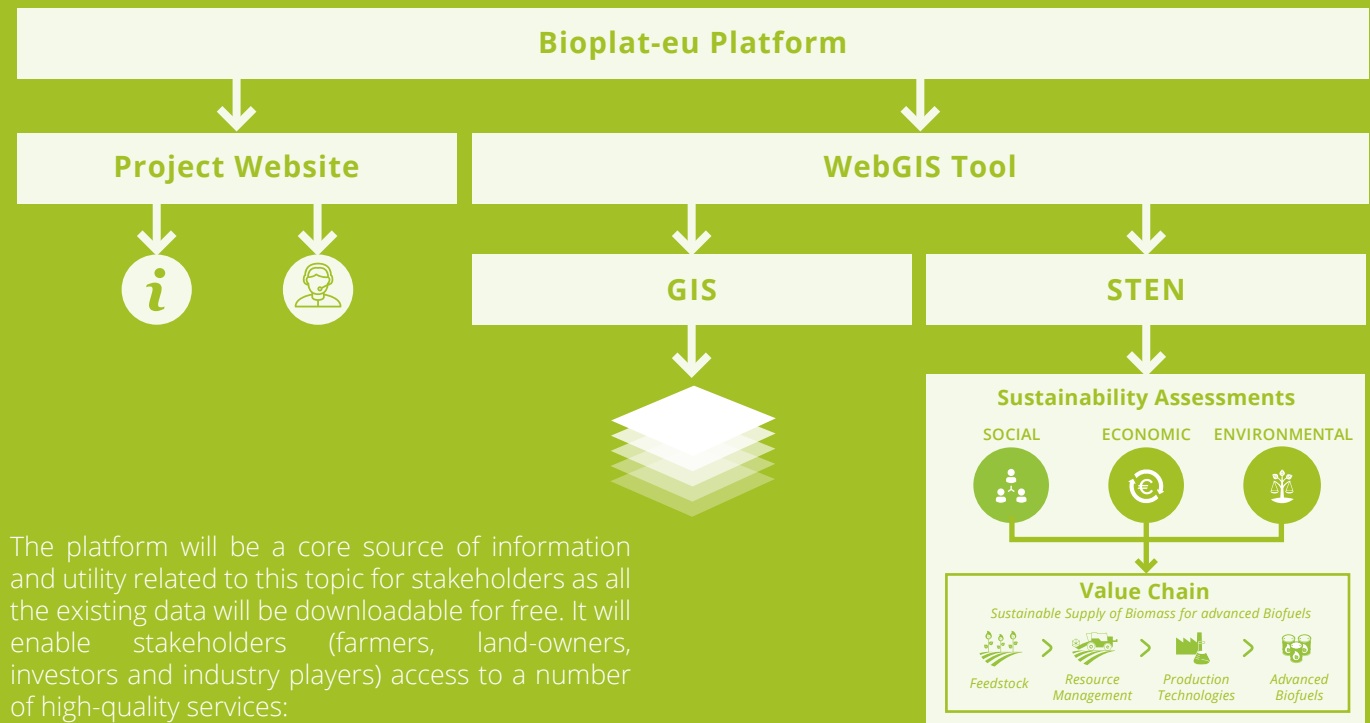
**PROMOTING SUSTAINABLE USE
OF UNDERUTILIZED LANDS
FOR BIOENERGY PRODUCTION
THROUGH A WEB-BASED
PLATFORM FOR EUROPE**

BIOPLAT-EU Objectives

The overall objective of the project is to promote the market uptake of sustainable bioenergy in Europe using marginal, underutilized, and contaminated lands for non-food biomass production through the provision of a web-based platform that serves as decision support tool. The specific objectives are:

- Creation of a database of maps on MUC lands (marginal, underutilised and contaminated) in Europe generated based on high resolution data and their attributes (GIS)
- Development of a public user-friendly tool (STEN: Sustainability Tool for Europe and Neighbouring countries) that will assess the environmental, social and techno-economic sustainability aspects of bioenergy value chains on MUC lands.
- Development of a web-based platform that will include mainly, a webGIS tool which will be composed of the STEN tool and the GIS maps.
- Mobilisation and involvement of stakeholders through working groups and workshops to encourage the launch of bioenergy projects on MUC lands.
- Communication with local and regional authorities through targeted presentations to help removing legal or political market uptake barriers.
- Provision of technical and financial structuring support to stakeholders on all aspects related to final stage of implementation from biomass production and processing, market access and management up to access to finance, business models and project bankability.

BIOPLAT-EU WEB-BASED PLATFORM



The platform will be a core source of information and utility related to this topic for stakeholders as all the existing data will be downloadable for free. It will enable stakeholders (farmers, land-owners, investors and industry players) access to a number of high-quality services:

- Identification of suitable MUC lands on EU Levels;
Support throughout the planning process by a user manual and step-by-step guide;
- Assess sustainability implications of bioenergy projects, based on real global earth observation data, actual statistics, and experiences from case studies and previous projects and
- Standardised financial structuring service with output that allows direct loan applications.

Case study regions

