



SPIRE-02-2014

SteamBIO

Full Title: Flexible Superheated Steam
Torrefaction and Grinding of Indigenous Biomass
from Remote Rural Sources to Produce Stable
Densified Feedstocks for Chemical and Energy
Applications

Aim:

SteamBio will demonstrate in fields and forests
an innovative mobile superheated steam process.
This process will convert agro-forestry residues
into stable feedstock for biochemical and
bioenergy uses.

Concept:

The overall SteamBio concept is to create a
commercially viable platform that can stabilise
biomass materials close to source for subsequent
biochemical and bioenergy uses. The platform
will be scalable enabling both mobile deployment
according to seasonal demands and fixed
location for high volume throughputs.

Start date:

01/02/2015

End date:

31/01/2018