

Regional Roadside Grass Processing

by *Gerrit Muller* USN-SE

e-mail: `gaudisite@gmail.com`

`www.gaudisite.nl`

Abstract

Maintenance of roadsides produces bio mass. This bio mass is composted and then used as compost. This presentation explores the option to process the bio mass into Hydrogen or electricity, through Pyrolyse.

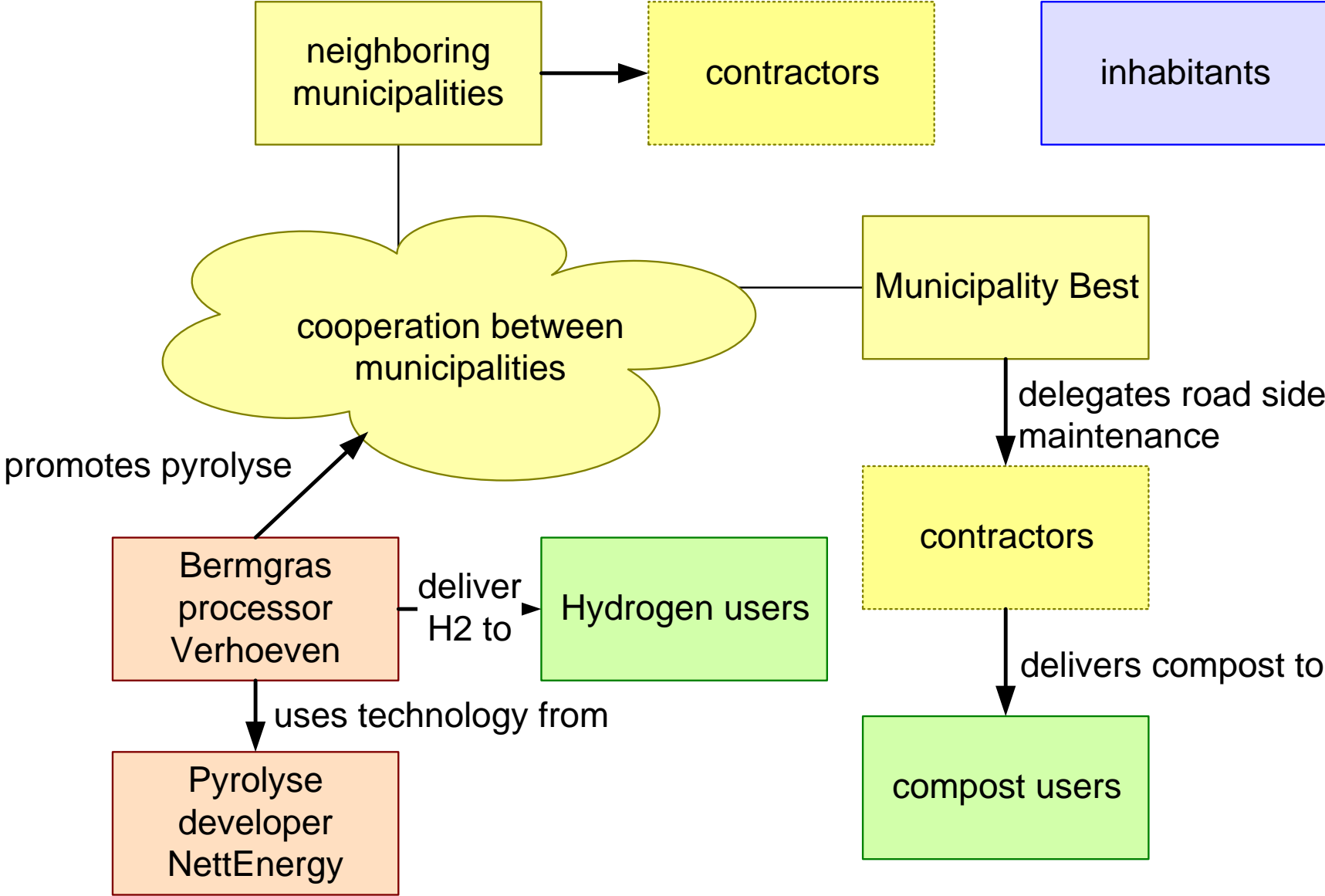
Distribution

This article or presentation is written as part of the Gaudí project. The Gaudí project philosophy is to improve by obtaining frequent feedback. Frequent feedback is pursued by an open creation process. This document is published as intermediate or nearly mature version to get feedback. Further distribution is allowed as long as the document remains complete and unchanged.

February 16, 2025
status: preliminary
draft
version: 0.1

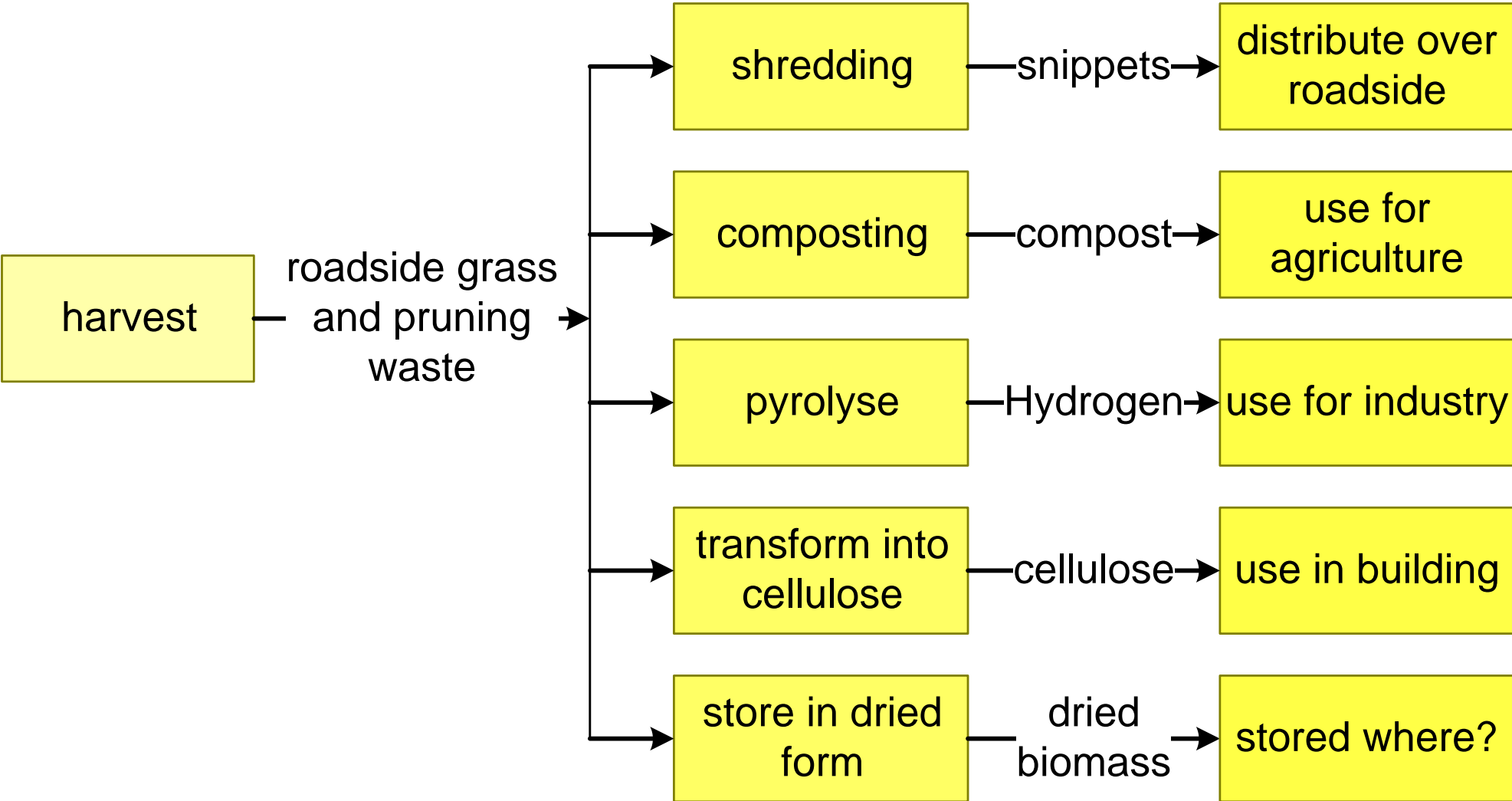
logo
TBD

Some of the Stakeholders of this Case

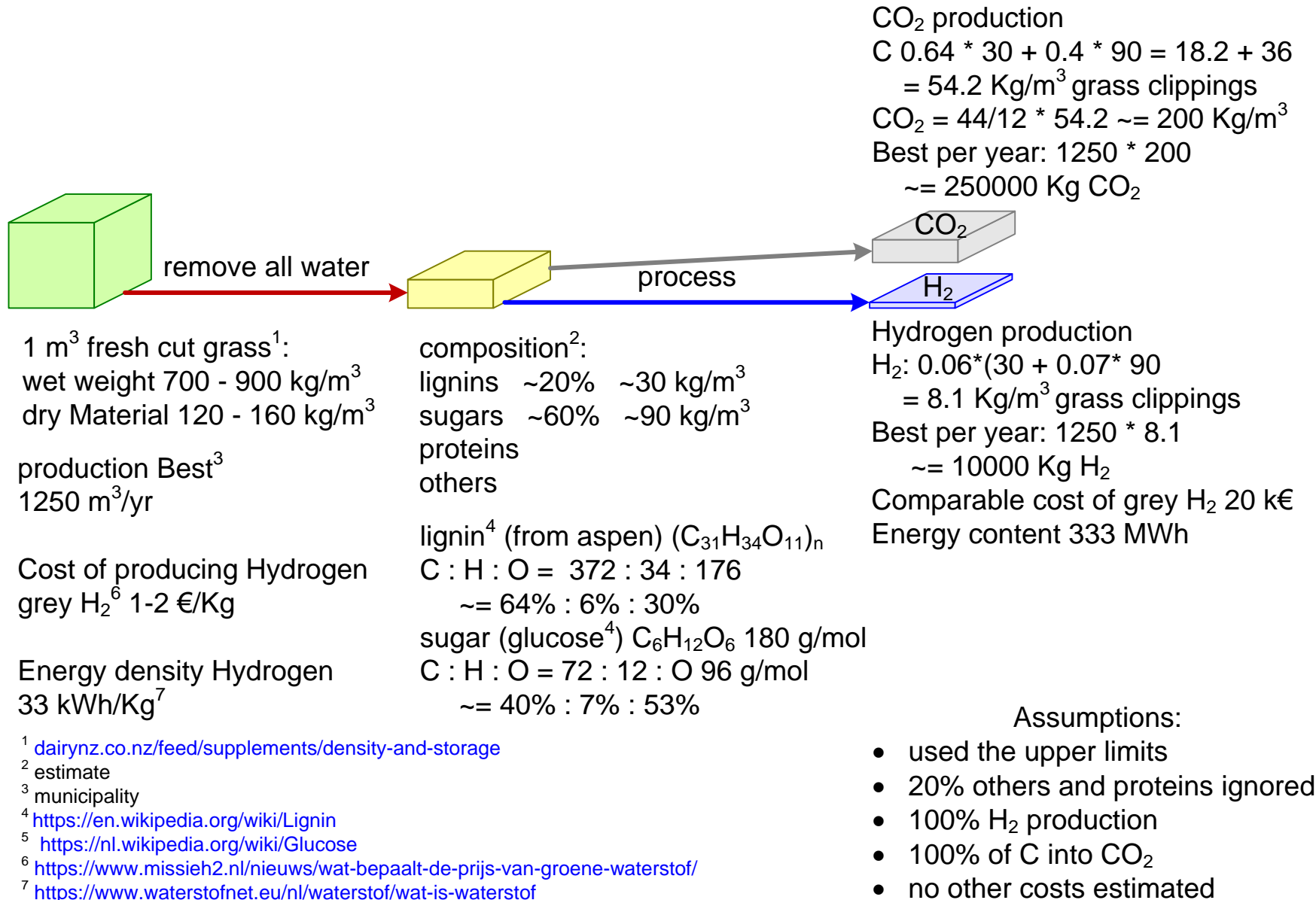


<https://innovationorigins.com/nl/selected/nieuw-project-zet-bermgras-om-in-waterstof-van-groenstrook-naar-groene-energie/>

Biomass Processing Options



Estimating Hydrogen and CO2 Production



¹ dairynz.co.nz/feed/supplements/density-and-storage

² estimate

³ municipality

⁴ <https://en.wikipedia.org/wiki/Lignin>

⁵ <https://nl.wikipedia.org/wiki/Glucose>

⁶ <https://www.missieh2.nl/nieuws/wat-bepaalt-de-prijs-van-groene-waterstof/>

⁷ <https://www.waterstofnet.eu/nl/waterstof/wat-is-waterstof>