



Algemene gegevens	
Nummer	AF-EU-13009
Titel	BioEcoSIM
Topsector (A&F of T&U)	A&F
Projectleider (onderzoek)	Volkert Beekman
Contactpersoon overheid	Cor Wever
Status (lopend of afgerond)	lopend
Type onderzoek (F, T of V)	Toegepast onderzoek
Werkelijke startdatum	01-10-2012
Werkelijke einddatum	30-09-2016
Korte omschrijving inhoud	DLO-LEI is the leader of WP7 (Integrated sustainability impact assessment) and is as such primary responsible for verification, using an approach based on ISO 14040 and 14044, of the economic, environmental and social sustainability of the BIOECOSIIM process.

Highlights
<p>WP7</p> <p>In the task 7.3 of the BioEcoSIM project, the impacts on the various factors included in the social, environmental and economic system viability assessment has been compared against the benchmark with state-of-the-art as based on data scoped, collated and modelled in the previous tasks 7.1 and 7.2.</p> <p>Clearly significant results:</p> <p>Environmental impact assessment:</p> <ul style="list-style-type: none"> - The input data used in the Quick Scan LCA have been improved and D 7.1 Environmental Impact Assessment has been completed and submitted in April 2015 - Expansion of the Quick Scan LCA to a full blown LCA based on ILCD normalisation, characterisation and weighting factors from SimaPro LCA software - Preliminary results of the complete LCA have been presented at the BioEcoSIM project meeting in April 2015 <p>Economic impact assessment</p> <ul style="list-style-type: none"> - The economic impact assessment has been improved and D 7.2 Economic Impact Assessment has been completed and submitted in April 2015 - A detailed flow chart of BioEcoSIM manure processing is prepared with ESankey software tool. <p>Social impact assessment 2015</p> <ul style="list-style-type: none"> - A literature search following the Internet quick scan has been completed and delivered in April 2015 (Deliverable 7.3). - D 7.3 Social Impact Assessment has been completed and submitted in April 2015 - The literature is concerned with transport/ scale and odour and health impacts of the four state of the art manure processing technologies. - Preparation for group interviews in the proximity of the BioEcoSIM pilot plant and three other manure processing plants. - These group interviews will, apart from health, odour and transport, particularly focus on the hitherto postponed community benefits, interaction and indirect scale impacts. Three hypothesis on the social responses to manure processing

will be tested, relating to scale, community benefits and trust relations.

<http://www.bioecosim.eu/>

<http://www.wageningenur.nl/en/project/BioEcoSim-1.htm>

