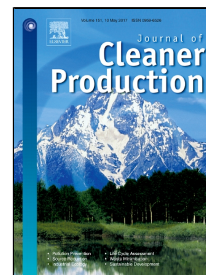


# Accepted Manuscript

Factors influencing the market diffusion of bio-based plastics: Results of four comparative scenario analyses



Miriam Lettner, Josef-Peter Schögggl, Tobias Stern

PII: S0959-6526(17)30793-X  
DOI: 10.1016/j.jclepro.2017.04.077  
Reference: JCLP 9432  
To appear in: *Journal of Cleaner Production*  
Received Date: 21 October 2016  
Revised Date: 29 March 2017  
Accepted Date: 12 April 2017

Please cite this article as: Miriam Lettner, Josef-Peter Schögggl, Tobias Stern, Factors influencing the market diffusion of bio-based plastics: Results of four comparative scenario analyses, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.04.077

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- Factors influencing the market diffusion of PLA, PHA, lignin and CNSL are identified.
- A normative scenario approach with effect and cross impact analysis is applied.
- The sales volume depends largely on the price and marketing activities.
- PLA and PHA mainly struggle with cost effectiveness.
- Lignin and CNSL require further technological innovations.

Download English Version:

<https://daneshyari.com/en/article/5481186>

Download Persian Version:

<https://daneshyari.com/article/5481186>

[Daneshyari.com](https://daneshyari.com)