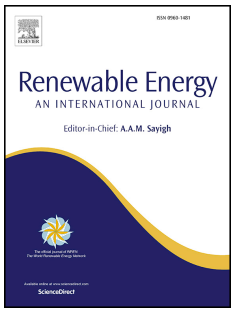
Accepted Manuscript



Well-to-wheel life cycle assessment of *Eruca Sativa*-based biorefinery

Vajiheh Rahimi, Keikhosro Karimi, Marzieh Shafiei, Reza Naghavi, Benyamin Khoshnevisan, Hossein Ghanavati, Seyed Saeid Mohtasebi, Shahin Rafiee, Meisam Tabatabaei

PII: S0960-1481(17)30997-7

DOI: 10.1016/j.renene.2017.10.035

Reference: RENE 9323

To appear in: *Renewable Energy*

Received Date: 10 March 2017

Revised Date: 13 September 2017

Accepted Date: 11 October 2017

Please cite this article as: Rahimi V, Karimi K, Shafiei M, Naghavi R, Khoshnevisan B, Ghanavati H, Mohtasebi SS, Rafiee S, Tabatabaei M, Well-to-wheel life cycle assessment of *Eruca Sativa*-based biorefinery, *Renewable Energy* (2017), doi: 10.1016/j.renene.2017.10.035.

Well-to-wheel life cycle assessment of *Eruca Sativa*-based biorefinery

Authors:

Vajiheh Rahimi[1], Keikhosro Karimi[1,2], Marzieh Shafiei[3,*], Reza Naghavi[4], Benyamin Khoshnevisan[5], Hossein Ghanavati[6,7,], Seyed Saeid Mohtasebi[5], Shahin Rafiee[5,*], Meisam Tabatabaei[6,7,*],

Affiliations:

[1] *Department of Chemical Engineering, Isfahan University of Technology, Isfahan 84156-83111, Iran*
[2]*Industrial Biotechnology Group, Institute of Biotechnology and Bioengineering, Isfahan University of Technology, Isfahan 84156-83111, Iran*
[3] *Department of Chemical Engineering, Faculty of Engineering, University of Isfahan, Isfahan 81746-73441, Iran*
[4] *Department of Environmental Engineering-Solid waste management, Graduate Faculty of Environment, University of Tehran, Tehran, Iran*
[5] *Department of Mechanical Engineering of Agricultural machinery, Faculty of Agricultural Engineering and Technology, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran.*
[6]*Microbial Biotechnology Department, Agricultural Biotechnology Research Institute of Iran (ABRII), Agricultural Research, Education and Extension Organization (AREEO), 31535-1897, Karaj, Iran.*
[7]*Biofuel Research Team (BRTeam), Karaj, Iran.*

[*]Corresponding authors:

Marzieh Shafiei
Department of Chemical Engineering, Faculty of Engineering, University of Isfahan, Isfahan 81746-73441, Iran, Email address: m.shafiei@eng.ui.ac.ir

Shahin Rafiee,
Faculty of Agricultural Engineering and Technology, University of Tehran, Karaj, Iran. Tel: +98-2632801011, Fax: +98-263-2808138; Email address: shahinrafiee@ut.ac.ir

Meisam Tabatabaei,
Biofuel Research Team (BRTeam), Karaj, Iran
Tel: +98-2632703536, Fax: +98-263-2701067; Email address: meisam_tab@yahoo.com; meisam_tabatabaei@abrii.ac.ir