

Accepted Manuscript

Title: Business Process Outsourcing Enhanced by Fuzzy Linguistic Consensus Model

Author: Maria Vincenza Ciasullo Giuseppe Fenza Vincenzo Loia Francesco Orciuoli Orlando Troisi Enrique Herrera-Viedma



PII: S1568-4946(17)30745-7
DOI: <https://doi.org/doi:10.1016/j.asoc.2017.12.020>
Reference: ASOC 4617

To appear in: *Applied Soft Computing*

Received date: 9-10-2016
Revised date: 4-12-2017
Accepted date: 13-12-2017

Please cite this article as: Maria Vincenza Ciasullo, Giuseppe Fenza, Vincenzo Loia, Francesco Orciuoli, Orlando Troisi, Enrique Herrera-Viedma, Business Process Outsourcing Enhanced by Fuzzy Linguistic Consensus Model, *Applied Soft Computing Journal* (2017), <https://doi.org/10.1016/j.asoc.2017.12.020>

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.

Business Process Outsourcing Enhanced by Fuzzy Linguistic Consensus Model

Maria Vincenza Ciasullo^a, Giuseppe Fenza^a, Vincenzo Loia^a,
Francesco Orciuoli^a, Orlando Troisi^a, Enrique Herrera-Viedma^{b,c}

^a*Dipartimento di Scienze Aziendali - Management & Innovation Systems,
University of Salerno, 84084 Fisciano (SA), Italy*

^b*Department of Computer Science and Artificial Intelligence, University of Granada,
Granada, Spain*

^c*Department of Electrical and Computer Engineering, Faculty of Engineering, King
Abdulaziz University, Jeddah 21589, Saudi Arabia*

Abstract

Business Process Outsourcing represents a strategic option to obtain the overall improvement of performance in Business Process Management context. It consists in externalizing whole sub-processes (e.g., production, logistics, human resources) of a value chain. Last decade, the concept of value chain moved toward the more flexible concept of value net that implies the assembly of several value chains tailored to specific s, objectives, markets, etc. Thus, the composition of a value chain within a value net environments can be understood as the modeling of a macro business process in which sub-processes can be outsourced. Such composition activity foresees crucial decision-making moments that need to be sustained by a group of decision-makers owning several and heterogeneous competences in order to select the

Email addresses: mciasullo@unisa.it (Maria Vincenza Ciasullo),
gfenza@unisa.it (Giuseppe Fenza), loia@unisa.it (Vincenzo Loia),
forcuoli@unisa.it (Francesco Orciuoli), otrosi@unisa.it (Orlando Troisi),
viedma@decsai.ugr.es (Enrique Herrera-Viedma)

Download English Version:

<https://daneshyari.com/en/article/6904142>

Download Persian Version:

<https://daneshyari.com/article/6904142>

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