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Supply chain (re)design: Support for managerial and policy decisions

Wout Dullaert*, Olli Bräysy**, Marc Goetschalckx*** and Birger Raa****
* Institute of Transport and Maritime Management Antwerp (ITMMA)
University of Antwerp
Keizerstraat 64, B-2000
Antwerp
Belgium
tel: +32 32755141
fax: +32 32755150
e-mail: wout.dullaert@ua.ac.be

** Agora Innoroad Laboratory
Agora Center
University of Jyväskylä
P.O.Box 35, FI-40014
Jyväskylä
Finland
tel: +358 142601211
fax: +358 142601021
e-mail: olli.braysy@jyu.fi

*** School of Industrial and Systems Engineering
Georgia Institute of Technology
765 Ferst Drive, GA 30332-0205
Atlanta
USA
tel: +1 404 8942317
fax: +1 404 8942301
e-mail: marc.goetschalckx@isye.gatech.edu

**** Department of Industrial Management (TW18)
Ghent University
Technologiepark 903, 9052
Zwijnaarde
Belgium
tel: +32 92645497
fax: +32 92645847
e-mail: birger.raa@ugent.be

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Abstract

A well-structured supply chain is of key importance in achieving efficient operations amongst the suppliers, manufacturers, distribution facilities and distribution channels that constitute the supply chain. The changing economic and political environment challenges multinational corporations to redesign their existing production and distribution network and to develop new strategies to meet customer service levels at lowest cost. This paper reviews the literature on supply chain design since 1999 with the objective of supporting the development of richer supply chain models capable of taking all logistics costs into account thereby optimizing the full cost of ownership for multinational corporations and allowing for a consolidation of value adding activities in high-wage regions.