Accepted Manuscript

Integrating partner objectives in horizontal logistics optimisation models

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PII: S0305-0483(17)30193-7
DOI: 10.1016/j.omega.2017.11.008
Reference: OME 1852

To appear in: *Omega*

Received date: 28 February 2017
Revised date: 25 October 2017
Accepted date: 29 November 2017

Please cite this article as: Christof Defryn, Kenneth Sörensen, Wout Dullaert, Integrating partner objectives in horizontal logistics optimisation models, *Omega* (2017), doi: 10.1016/j.omega.2017.11.008

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Highlights

- We propose a general solution framework for logistic optimization in a horizontal cooperation.
- The framework distinguishes between the objective of the group and the objectives of the individual partners in the coalition.
- A coalition level optimisation problem and partner level optimisation problem are solved sequentially.
- The developed method is applied to the clustered vehicle routing problem.
- We show that the coalition efficient solution is often suboptimal for the individual partners.

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