## Accepted Manuscript

Assessing social risks of global supply chains: a quantitative analytical approach and its application to supplier selection in the German automotive industry

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PII:	S0959-6526(17)30245-7
DOI:	10.1016/j.jclepro.2017.02.041
Reference:	JCLP 8967
To appear in:	Journal of Cleaner Production
Received Date:	06 March 2016
Revised Date:	30 November 2016
Accepted Date:	06 February 2017

Please cite this article as: Konrad Zimmer, Magnus Fröhling, Patrick Breun, Frank Schultmann, Assessing social risks of global supply chains: a quantitative analytical approach and its application to supplier selection in the German automotive industry, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.02.041

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## Highlights

- A quantitative social risk assessment model for supply chains is developed.
- The approach is based on multi-regional input-output analysis.
- Country specific risks and labour intensities are integrated into the MRIO.
- Fuzzy Analytical Hierarchy Process is used for weighting of selected criteria.
- A practical application shows how social risk of suppliers can be assessed.

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