



Global Contract Logistics 2016 – Sample



The 2016 edition of Ti's Global Contract Logistics report contains market-leading research and analysis as well as unique market sizing and forecasting data. For the first time, the report includes contract logistics margin comparisons, a dedicated chapter on the adoption of technology throughout the industry, as well as a chapter exploring the impact of social responsibility, environmental accountability and ethics in the supply chain.



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About the authors	6		
1.0 Introduction	8	5.0 Contract logistics market analysis by vertical sector	50
1.1 Key findings	9	5.1 Contract logistics market analysis by vertical sector overview	51
1.2 Foreword	10	5.2 Global contract logistics market size by vertical sector	52
2.0 Contract logistics market overview	11	5.3 Supply chain dynamics: Automotive manufacturing logistics	54
2.1 Contract logistics introduction	12	5.3.1 Production concepts in automotive logistics	56
2.2 A recap of trends impacting the market	13	5.3.2 Different types of inbound logistics operations	57
2.3 Mergers and acquisitions in the contract logistics market	14	5.3.3 Automotive contract logistics and vehicle production	59
2.4 Innovation in the supply chain	16	5.3.4 Automotive contract logistics and the 'vehicle parc'	61
2.5 Risks and the future of contract logistics	17	5.4 Supply chain dynamics: Consumer goods and retail logistics	65
2.6 SWOT analysis of the contract logistics market	19	5.4.1 Consumer packaged goods (CPG) sector	66
3.0 Technology in contract logistics	20	5.4.2 Regionalisation of supply chain geographies	68
3.1 IT applications in the supply chain	21	5.4.3 Durable goods	69
3.2 Investments in supply chain technology	22	5.4.4 Consolidation services	70
3.3 Visibility in the supply chain	25	5.5.5 Retail trends	71
3.3.1 Case study: Visibility in the supply chain	27	5.5.6 Retail contract logistics and retail sales	73
3.4 The four stages of disruption	28	5.5.7 Retail sales by country	74
4.0 Ethical and sustainable supply chain strategies	30	5.4.8 Retail sales growth by country	75
4.1 Ethical and sustainable supply chain strategies overview	31	6.0 Market size and forecasts	76
4.2 Profits, planet & people – The 'triple' advantage	32	6.1 Market sizing definitions and methodology	77
4.3 Environmental issues in the supply chain and logistics	34	6.2 Global contract logistics market growth 2015	78
4.4 Government policy and transport emissions	36	6.2.1 Global contract logistics market forecast 2015-19	80
4.5 Road Freight		6.2.2 Global contract logistics market size by region	81
4.5.1 Europe	38	6.2.3 Leading global contract logistics providers	82
4.5.2 United States	39	6.3 Africa contract logistics market growth and forecast 2015-19	83
4.5.3 Case study: Telematics in Road Freight	40	6.3.1 Africa contract logistics market size by country 2015-19	84
4.6 Air cargo	41	6.4 Asia Pacific contract logistics market growth 2015	85
4.7 Rail and intermodal	42	6.4.1 Asia Pacific contract logistics market forecast 2015-19	86
4.8 Shipping	43	6.4.2 Leading Asia Pacific contract logistics providers	87
4.9 Warehousing	44	6.4.3 Asia Pacific contract logistics market size by country	88
4.9.1 Case study: IDI Gazeley and Porsche	44	6.4.4 China, Japan and India contract logistics growth and forecast 2015-19	89
4.9.2 Case study: Return on Investment – 'Green and gold'	45	6.5 Europe contract logistics market growth and forecast 2015-19	90
4.10 Retail logistics	46	6.5.1 Leading Europe contract logistics providers	91
4.11 Ethical supply chains	47	6.5.2 Europe contract logistics market size by country 2015-19	92

Table of contents (continued)



6.5.3 Central & Eastern Europe contract logistics market growth 2015	93	8.6 DSV	145
6.5.3.1 Central & Eastern Europe contract logistics market forecast 2015-19	94	8.7 Fiege Logistik	151
6.5.3.2 Russia, Turkey and other CIS contract logistics market growth and forecast 2015-19	95	8.8 Kuehne + Nagel	155
6.5.4 Western Europe contract logistics market growth and forecast 2015-19	96	8.9 Panalpina	161
6.5.4.1 Western Europe contract logistics market growth and forecast by country 2015-19	97	8.10 Penkse Logistics	165
6.6 Middle East contract logistics market growth and forecast 2015-19	98	8.11 Rhenus	168
6.6.1 Middle East contract logistics market size by country 2015-19	99	8.12 Ryder	172
6.7 North America contract logistics market growth 2015	100	8.13 SNCF Logistics	177
6.7.1 North America contract logistics market forecast 2015-19	101	8.14 Toll Global Logistics	180
6.7.2 Leading North America global contract logistics providers	102	8.15 UPS Supply Chain Solutions	183
6.8 South & Central America and the Caribbean contract logistics market growth 2015	103	8.16 XPO Logistics	187
6.8.1 South & Central America and the Caribbean contract logistics market forecast 2015-19	103	8.17 Yusen Logistics	195
6.8.2 South & Central America and the Caribbean contract logistics market size by country 2015-19	104	9.0 Appendix	200
7.0 Financial review	106	9.1 Technology in contract logistics appendix: M&A activity	201
7.1 Contract logistics financial performance review	107	9.2.1 Contract logistics market analysis by vertical sector appendix: Retail sales – Europe	205
7.2 Financial breakdown by geography and vertical	111	9.2.2 Contract logistics market analysis by vertical sector appendix: Retail sales – Asia Pacific and North America	206
7.3 Logistics margin analysis	113	9.2.3 Contract logistics market analysis by vertical sector appendix: Retail sales growth – Europe	207
7.3.1 Contract logistics market comparisons	114	9.2.4 Contract logistics market analysis by vertical sector appendix: Retail sales growth – Asia Pacific and North America	208
7.4 Comparison of capital intensity ratios	117	9.3 Global contract logistics market size data	209
8.0 Profiles of major contract logistics providers	118	9.3.1 Africa contract logistics market size data	210
<i>Note: Included within each profile is a background, outlook and SWOT analysis of the company. Wherever possible, the most recent contracts and finances of the companies have also been included.</i>		9.3.2 Asia Pacific contract logistics market size data	211
8.1 Agility	119	9.3.3 Caribbean contract logistics market size data	213
8.2 APL Logistics	124	9.3.4 Central America contract logistics market size data	214
8.3 CEVA	128	9.3.5 Central & Eastern Europe contract logistics market size data	215
8.4 DB Schenker Logistics	134	9.3.6 CIS and Turkey contract logistics market size data	217
8.5 DHL Supply Chain	139	9.3.7 Middle East contract logistics market size data	218
		9.3.8 North America contract logistics market size data	219
		9.3.9 South America contract logistics market size data	220
		9.3.10 Western Europe contract logistics market size data	221
		9.4 Top 10s by region by total revenues	223
		9.5 Contract logistics margin comparisons data	225
		Contact Ti	226

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Having obtained a Masters in Economics David is now Ti's resident Economist. David manages one of Ti's core strengths, that of quantitative analysis of a range of logistics markets, including sizing and forecasting. David contributes to the GSCi portal, Ti Reports and consultancy projects. He also is author of many briefs for Ti's Logistics Briefing service. His key interests are the economics of the logistics sector, emerging markets and statistical modelling.

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As a graduate in International Relations, Alex brings a variety of knowledge and interest to his role as an Analyst at Ti. Alex's drive to constantly provide quality analysis for the logistics industry has led him to increase his area of responsibilities to include investigating the potential for new products, training new recruits, and scanning the horizon for the next big thing.

- 1.0 Introduction**
- 2.0 Contract logistics market overview**
- 3.0 Technology in contract logistics**
- 4.0 Ethical and sustainable supply chain strategies**
- 5.0 Contract logistics market analysis by vertical sector**
- 6.0 Market size and forecasts**
- 7.0 Financial review**
- 8.0 Profiles of major contract logistics providers**
- 9.0 Appendix**



1.1 Foreword by John Manners-Bell



The themes adopted for this year's Global Contract Logistics report may at first sight seem diverse and eclectic: innovation, technology, risk, sustainability and ethics. However, together with price, availability and service, each one of these value features has now become fundamental to competitive advantage in the modern supply chain and logistics industry.

These factors now form a complex matrix of values which managers need to take into account when making informed decisions on their production and logistics options.

The industry has moved on considerably over the past decade. The ability to demand – or provide – low-cost and efficient services is no longer sufficient to meet the requirements of customers, consumers or indeed other stakeholders – such as regulatory authorities, non-governmental organisations or even media. Although the days when decisions were made solely on price and service are far from over, there is evidence that at a 'blue chip' corporate level at least, other value dimensions (such as ethics, sustainability or risk) have now become front and centre in the outsourced decision-making process.

In terms of value creation, it would also be a mistake to view each of these factors in isolation. Best practice in the supply chain industry requires the development of a holistic management approach which goes to the very core of corporate strategy. For example, an approach which ensures that suppliers comply with ethical labour and environmental policies requires the technology to provide the requisite visibility of supplier practice. This indirectly provides managers with the capabilities to make decisions to mitigate all types of supply chain risk, which consequently has a beneficial impact on the bottom-line. At the same time as this, the company creates a positive culture which can improve employee morale and motivation.

It would be a mistake to see these additional value features as either separate from the business of making profits, or, as many in the industry still do, a 'necessary evil' which ultimately provides some sort of marketing benefit but at a cost to efficiency. As this report deals with in some detail, those companies which embrace sustainable environmental practices and ethical behaviour are the ones which will ultimately create the most value. Although there may be short-term costs associated with implementing best practice, for example in green warehousing or by refusing to pay bribes in emerging markets, such an approach will deliver longer-term profitability, not least due to enhanced reputations and the creation of a strong management and employee ethos.

The so-called 'triple advantage' of bottom line benefits created through the strategy of 'people, planet and profits' is underpinned by innovation and technology. New business models have the potential to reduce levels of inefficiency in the industry, reducing costs, both financial and environmental.

The logistics industry has been pilloried over the years by many manufacturers and retailers for its lack of innovation. Now is the opportunity for logistics companies to show they are not only responsive to developments in the market, but actually driving many of these changes.

1.2 Key findings



- Globalisation of supply chains, the growth of e-commerce and technological innovations have changed the structure of the contract logistics market. To remain competitive in the evolving market logistics providers are exploiting innovations and technologies to streamline their operations
- Existing IT structures are not the best foundation for addressing future needs of logistics providers. Transition from legacy systems will require a huge amount of investment and, in some cases, could realistically expect to cost millions of dollars, much or which may never be recovered
- The success of logistics providers relies heavily on the level of visibility they have within their own supply chains, from procurement all the way through to final delivery
- Economic, environmental and societal issues are interwoven in deeply dependent relationships. To ensure a long-term, sustainable future for global supply chains, companies must build collaborative, multi-stakeholder approaches to creating value which don't impact on the environment or have a negative impact on people's wellbeing
- One of the biggest challenges that the global logistics industry faces over the next few years is from environmental legislation, as governments and consumers show an increasing interest in the level of 'food miles'
- The consumer/retail sector dominates contract logistics. Ti estimates that it accounted for around half of global revenues in 2015. The automotive, healthcare/pharmaceutical, technology/telecoms and other industry sectors all account for approximately 10% of the market
- Overall, 2015 was a year where there was not a great deal of change in developed contract logistics markets. What the world really noticed was the weakness in certain emerging markets, be it China's slowdown, recessions in Russia and Brazil, and a general downgrade of growth in anywhere dependent on oil or other commodities
- 2015 was a relatively good year for contract logistics operators, although the short- to medium-term prospects of low single-digit growth in revenues across the industry may encourage further consolidation
- Given trends in several end markets, we continue to expect a highly competitive landscape characterised by organic growth in revenues on a constant currency basis. However, as revenues rise, operating costs and investments might have to grow accordingly to preserve competitiveness – and very possibly at a steeper rate than sales, putting more pressure on core operating margins
- Industry consolidation was a driver of change in 2015. Six of the companies profiled have been involved in M&A activity recently, with a low-growth global economy and cheap debt incentivising takeovers to gain scale and new customer accounts. There are a few bright spots in the market nonetheless, with the majority of companies looking into either e-commerce or overseas expansion, in recognition of the changing patterns of global trade and consumer preferences.

2.1 Contract logistics introduction



The outsourcing of transport and logistics operations (most commonly warehousing and distribution) by any company to a dedicated third-party logistics provider (3PL) is what is known as contract logistics.

Companies outsource transport and logistics operations because it is more expensive for them to operate their own fleet of trucks and their own warehouses. Instead, it is cheaper to hand over this responsibility to a dedicated logistics provider. It also allows companies to focus on their 'core business'. For example, in January 2016, GlaxoSmithKline (GSK) contracted Kuehne + Nagel to provide end-to-end global logistics services which included transporting products from raw materials suppliers to trade customers, allowing GSK to concentrate on researching and

developing healthcare products, rather than worrying about managing a fleet of trucks. On the other hand, some companies prefer to keep as many aspects of their operations as possible 'in-house' so that they can manage exactly what is going on themselves.

It is worth noting that outsourcing occurs much more in some countries than others. The so-called 'penetration rate' (the level of contract logistics undertaken by logistics providers as a proportion of overall spend) varies from around 40% in the UK to less than 10% in the Asia Pacific region. In Asia Pacific and China in particular, there is a lack of qualified local logistics providers which has hindered the growth of the sector.

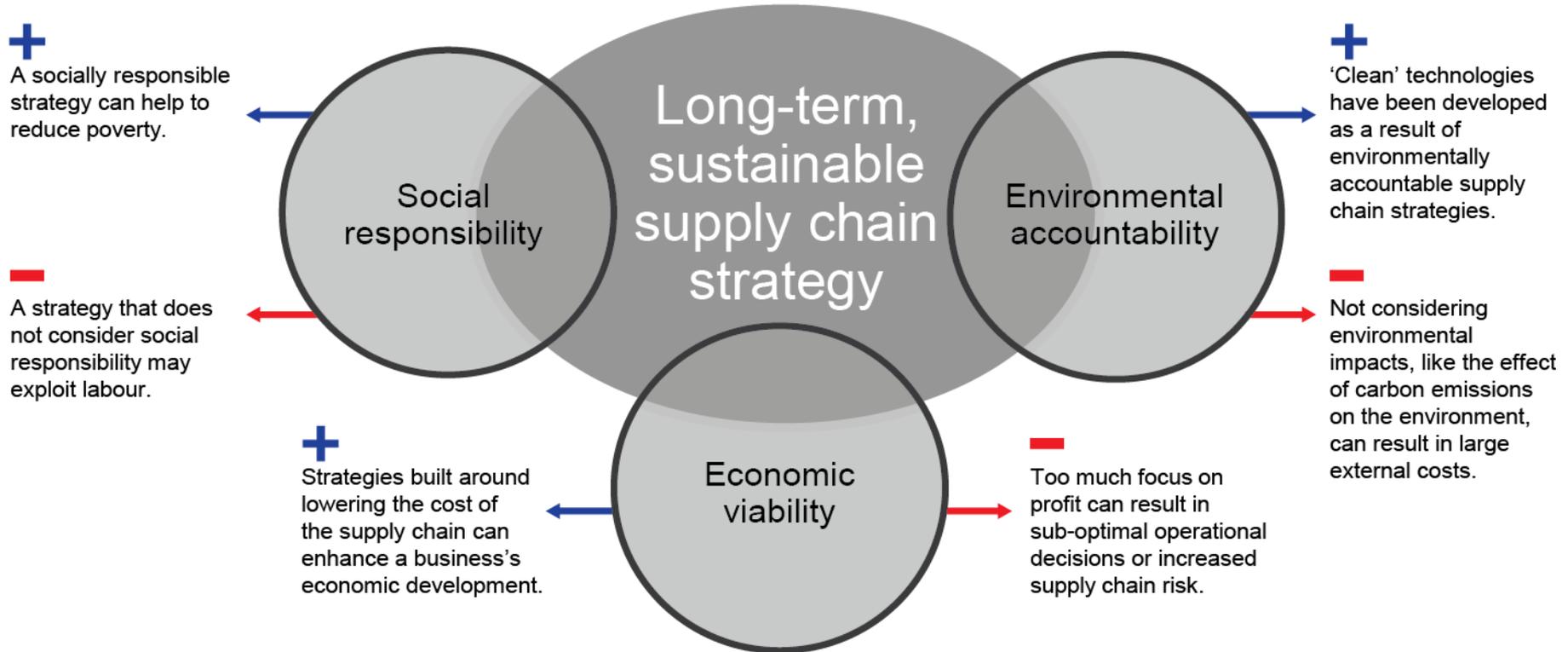
Examples of major contracts in early 2016

Client	Company	Year	Duration	Sector	Country	Region	Description
Aldi	XPO Logistics Europe	2016		Consumer/Retail	UK	Western Europe	In March 2016 supermarket chain Aldi awarded XPO Logistics a multi-million pound contract to wash and repair reusable transit packaging from its UK stores.
Lufthansa Global Business Services	DHL Supply Chain	2016	5 years	Fashion/Textiles	Germany	Western Europe	DHL Supply Chain was awarded the contract for Lufthansa Group's global work apparel logistics.
GlaxoSmithKline	Kuehne + Nagel	2016	5 years	Healthcare/Pharmaceutical		Global	In January 2016 Kuehne + Nagel won a five-year contract with GSK to provide end-to-end global logistics services including the core business of transporting products from raw material suppliers to trade customers.
LG Electronics Inc	FM Logistic	2016		High Tech	Brazil	South America	LG Group awarded a contract to FM Logistic for the management of all deliveries in northern Brazil. The agreement between the companies relates to the distribution of household appliances to 20 logistics platforms belonging to international and domestic retailers.

Source: Ti database of Major Contracts

4.1 Ethical and sustainable supply chain strategies overview

A tripartite approach to supply chain management is critical to ensure **long-term** sustainability, although striking a **balance** between each of these core 'pillars' will be challenging.



Why examine the automotive and retail sectors when analysing the global contract logistics market?



Automotive

Vehicle production by country is a simple indicator to assess the scale of a country's automotive logistics market. The rationale is clear - the more vehicles produced in a country, the greater the spending on inbound and component supplier logistics, as well as finished vehicle logistics.



Retail

Ti estimates that the consumer/retail sector accounted for around half of global contract logistics revenues in 2015.

Retail sales data offer an insight into the size of a country's retail contract logistics market. If everything else is equal, the larger a country's retail sales, the larger its retail contract logistics market .

Disruptive factors impacting these verticals and contract logistics



3D printing has the potential to enable the 'on demand' supply of parts.



Growth in e-commerce could see the outsourcing rate of e-fulfilment centre management increase.



Developments in warehouse technologies such as better software, improvements in automation, robots and virtual/augmented reality, could reduce warehousing costs.



Changes to consumer preferences and the economic environment have a direct impact on the volumes passing through the supply chain.

Intelligence tailored to your specific sector?

Insight drives strategy – if you would like to know more about our global or local logistics insights in your sector please contact:

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