

supply chain mapping example

supply chain mapping example is a crucial tool for businesses aiming to optimize their supply chain operations. This article explores the concept of supply chain mapping by providing a detailed example, illustrating how organizations can visualize and analyze their supply chain from raw material sourcing to product delivery. Understanding supply chain mapping is essential for identifying bottlenecks, improving transparency, and enhancing overall efficiency. By examining a practical supply chain mapping example, companies can gain insights into supplier relationships, logistics flows, and key performance indicators. This article covers the steps involved in creating a supply chain map, the benefits of mapping, and how to apply this framework to real-world scenarios. The following sections will guide readers through a comprehensive overview of supply chain mapping, its components, and best practices for implementation.

- Understanding Supply Chain Mapping
- Key Components of a Supply Chain Map
- Step-by-Step Supply Chain Mapping Example
- Benefits of Supply Chain Mapping
- Common Challenges and Solutions in Supply Chain Mapping

Understanding Supply Chain Mapping

Supply chain mapping is the process of visually representing all the entities, activities, and resources involved in producing and delivering a product or service. It encompasses every step from raw material acquisition to the final delivery of goods to customers. A supply chain mapping example demonstrates how companies document these interconnected processes to gain a clearer understanding of their overall supply network. This visualization helps organizations identify inefficiencies, risks, and opportunities for improvement in their supply chain.

Definition and Purpose

At its core, supply chain mapping is a strategic tool used to illustrate the flow of materials, information, and finances within the supply chain. The purpose is to provide transparency, allowing supply chain managers to pinpoint vulnerabilities, monitor supplier performance, and optimize logistics. The mapping process can also support compliance with regulatory requirements and sustainability initiatives by tracking the origin and movement of products.

Types of Supply Chain Maps

Supply chain maps can vary in complexity and focus depending on the

organization's needs. Common types include:

- **Process Flow Maps:** Highlight the sequence of operations and activities.
- **Network Maps:** Show the relationships between suppliers, manufacturers, distributors, and customers.
- **Geographical Maps:** Depict physical locations of supply chain entities and transportation routes.

Each type serves a specific purpose and can be combined to create a comprehensive view of the supply chain.

Key Components of a Supply Chain Map

A detailed supply chain mapping example includes several essential components that provide a holistic view of the supply network. Understanding these elements is critical for accurate mapping and effective supply chain management.

Suppliers and Vendors

Identifying all suppliers and vendors involved in providing raw materials or components is the foundation of the supply chain map. This includes primary and secondary suppliers, their locations, capacities, and delivery schedules.

Manufacturing and Production Facilities

The map should illustrate all production sites where raw materials are transformed into finished goods. This includes factories, assembly plants, and quality control checkpoints.

Distribution Centers and Warehouses

These nodes represent storage and handling points where products are stored before being shipped to customers or retailers. Their geographic placement and capacity impact lead times and costs.

Transportation and Logistics

Transportation links, such as shipping routes, trucking lanes, and freight methods, connect the various nodes in the supply chain. These links are crucial to understanding delivery times and potential delays.

Customers and End Users

Finally, the map should account for the ultimate recipients of the products, whether they are retailers, wholesalers, or direct consumers. Customer locations and demands influence supply chain decisions.

Step-by-Step Supply Chain Mapping Example

This section provides a practical supply chain mapping example to demonstrate how organizations can create a detailed map of their supply network. The example focuses on a manufacturing company producing electronic devices.

Step 1: Define the Scope

The first step is to determine the boundaries of the supply chain to be mapped. For this example, the scope includes raw material suppliers, the manufacturing plant, distribution centers, and retail outlets within North America.

Step 2: Identify Supply Chain Entities

Next, all entities involved in the supply chain are listed:

- Raw material suppliers for electronic components located in Asia.
- Component assembly factories in Mexico.
- Main manufacturing plant in the United States.
- Regional distribution centers across the U.S. and Canada.
- Retail partners and online sales channels.

Step 3: Map Material and Information Flows

The flow of materials from suppliers through assembly and manufacturing to distribution is charted. Information flows, such as purchase orders, inventory data, and shipping notifications, are also mapped to reflect communication between entities.

Step 4: Analyze Transportation Routes

The example highlights key transportation modes like ocean freight from Asia to Mexico, trucking from Mexico to the U.S. manufacturing plant, and regional trucking from distribution centers to retailers. Potential bottlenecks and transit times are noted.

Step 5: Validate and Refine the Map

Stakeholders from procurement, logistics, and production review the map for accuracy. Feedback is incorporated to ensure the supply chain map reflects real-world operations comprehensively.

Benefits of Supply Chain Mapping

Utilizing a supply chain mapping example provides multiple advantages for organizations seeking to enhance their supply chain management practices. The benefits extend across operational, strategic, and compliance domains.

Improved Visibility and Transparency

Mapping the supply chain offers clear visibility into every component and their interconnections. This transparency helps identify hidden risks such as single-source dependencies or geographic vulnerabilities.

Enhanced Risk Management

By visualizing the entire supply chain, companies can anticipate disruptions caused by natural disasters, political instability, or supplier failures. This proactive approach enables the development of contingency plans.

Cost Reduction and Efficiency

Supply chain mapping allows for the identification of redundant processes, inefficient routes, and underutilized resources. Optimizing these elements leads to cost savings and improved operational efficiency.

Regulatory Compliance and Sustainability

Accurate supply chain maps support adherence to regulations by tracking material origins and ensuring ethical sourcing. They also facilitate sustainability initiatives by highlighting environmental impacts across the supply network.

Common Challenges and Solutions in Supply Chain Mapping

Despite its benefits, supply chain mapping can present challenges that organizations must address to maximize its effectiveness.

Data Collection and Accuracy

Gathering accurate and comprehensive data from all supply chain partners is often difficult. Companies can mitigate this by implementing standardized data collection processes and leveraging digital tools for real-time updates.

Complexity of Global Supply Chains

Global supply chains involve numerous entities and geographies, increasing mapping complexity. Segmenting the supply chain into manageable parts and

using layered maps can simplify analysis.

Dynamic Supply Chain Changes

Supply chains continuously evolve due to market demands, supplier changes, or geopolitical factors. Regular updates and continuous monitoring are essential to keep the supply chain map current and relevant.

Stakeholder Collaboration

Effective supply chain mapping requires collaboration across departments and with external partners. Establishing clear communication channels and shared objectives helps overcome resistance and fosters teamwork.

Frequently Asked Questions

What is a supply chain mapping example?

A supply chain mapping example illustrates the visualization of all entities, resources, and processes involved in producing and delivering a product or service, showing the flow from raw materials to the end customer.

Why is supply chain mapping important with an example?

Supply chain mapping is important because it helps identify bottlenecks, risks, and inefficiencies. For example, mapping a food supply chain can help track the origin of ingredients and improve traceability.

Can you give an example of a simple supply chain map?

A simple supply chain map example might include a manufacturer sourcing raw materials from suppliers, processing them in a factory, distributing products to warehouses, and delivering to retail stores.

How does supply chain mapping help in risk management? Provide an example.

Supply chain mapping helps identify vulnerabilities by illustrating dependencies. For example, mapping a pharmaceutical supply chain can reveal reliance on a single supplier for critical ingredients, enabling risk mitigation strategies.

What tools can I use to create a supply chain map example?

Tools like Microsoft Visio, Lucidchart, and specialized software like IBM Sterling Supply Chain Insights can be used to create detailed supply chain maps with real-life examples.

What does a supply chain mapping example look like in the automotive industry?

In the automotive industry, a supply chain mapping example shows suppliers of parts like engines and tires, assembly plants, distribution centers, dealerships, and the end customer.

How detailed should a supply chain mapping example be?

The level of detail depends on the purpose; a high-level map might show only key players like suppliers, manufacturers, and customers, while a detailed map includes transportation modes, inventory levels, and process times.

Can supply chain mapping examples be used for sustainability efforts?

Yes, supply chain mapping examples help identify environmental and social impacts across the supply chain, enabling companies to implement sustainable sourcing and reduce carbon footprints.

Additional Resources

1. Supply Chain Mapping: A Practical Guide to Visualizing and Improving Your Supply Chain

This book offers a comprehensive approach to mapping supply chains, emphasizing practical techniques to identify bottlenecks and inefficiencies. It guides readers through the process of creating detailed supply chain maps to improve visibility and decision-making. Real-world case studies highlight how mapping can drive operational excellence.

2. Supply Chain Visualization: Strategies for Effective Mapping and Analysis

Focused on the strategic benefits of supply chain visualization, this book explains various mapping tools and methodologies. It covers how to analyze supply chain data visually to uncover risks and optimize performance. The author provides step-by-step instructions for implementing mapping technologies in diverse industries.

3. Supply Chain Network Design and Mapping

This title delves into the design and mapping of supply chain networks to enhance connectivity and efficiency. It discusses the role of mapping in planning network configurations and managing supplier relationships. Readers will learn to create scalable maps that support strategic supply chain decisions.

4. End-to-End Supply Chain Mapping for Risk Management

This book highlights the importance of end-to-end visibility in supply chain risk management through detailed mapping techniques. It explains how to map supply chains to identify vulnerabilities and develop mitigation strategies. The content is enriched with examples from global supply networks.

5. Mapping the Supply Chain: Tools and Techniques for Improved Operations

A practical resource filled with tools and techniques for creating supply chain maps that enhance operational control. It focuses on how mapping can improve inventory management, logistics, and supplier coordination. The book

also discusses software solutions that facilitate effective supply chain visualization.

6. Supply Chain Mapping and Analytics: Leveraging Data for Competitive Advantage

This book combines supply chain mapping with advanced analytics to provide insights that drive competitive advantage. It covers data collection, mapping methodologies, and analytical techniques to interpret supply chain flows and performance. Case studies show how companies have transformed their supply chains through data-driven mapping.

7. Global Supply Chain Mapping: Managing Complexity in a Connected World

Addressing the challenges of global supply chains, this book explains mapping strategies suited for complex, multi-tiered supply networks. It focuses on managing risks, compliance, and sustainability through comprehensive supply chain maps. Readers gain understanding of global sourcing dynamics and their impact on supply chain design.

8. Supply Chain Process Mapping for Continuous Improvement

This title explores how process mapping within supply chains can identify inefficiencies and support continuous improvement initiatives. It provides frameworks for mapping workflows, material flows, and information flows across the supply chain. The book emphasizes lean principles and process optimization through visualization.

9. Digital Supply Chain Mapping: Harnessing Technology for Enhanced Visibility

Focusing on digital transformation, this book discusses how emerging technologies like IoT, blockchain, and AI enhance supply chain mapping capabilities. It illustrates how digital maps provide real-time visibility and improve responsiveness. Practical guidance is provided on integrating digital tools into supply chain mapping efforts.

Supply Chain Mapping Example

Find other PDF articles:

<https://www-01.massdevelopment.com/archive-library-210/pdf?trackid=FnQ56-7493&title=daikin-inverter-instruction-manual.pdf>

supply chain mapping example: Supply Chain Mapping, Sustainability, and Industry 4.0

Muhammad Shujaat Mubarik, Sharfuddin Ahmed Khan, Simonov Kusi-Sarpong, Steve Brown, Syed Imran Zaman, 2023-09-08 During the COVID-19 pandemic, supply chain (SC) mapping appeared as one of the critical SC capabilities that could make a striking difference in organizations' SC performance and improve sustainable operations. Despite its crucial role in responding to SC disruptions, there is a void in the literature on this topic. This book aims to address this gap demonstrating the importance of SC mapping, sustainability in the Industry 4.0 era. The book explores how SC mapping contributes to sustainability from social, economic, and environmental perspectives, the role of SC mapping in upstream, midstream, and downstream SC sustainability, as well as the role of technology advancement and the impact of blockchain and Industry 4.0 in SC mapping. Adopting a multidisciplinary approach, this edited collection features international authors

from a diverse range of disciplines including SC management, operations management, technology and innovation management, and sustainability. The book will be a valuable resource for global scholars, researchers, and upper-level students across operations, SC management, and logistics, as well as engineering and technology management.

supply chain mapping example: *Supply Chain Management* Douglas M. Lambert, 2008

supply chain mapping example: *Procurement and Supply Chain Management* Kenneth Lyons, Brian Farrington, 2020 *Procurement and Supply Chain Management*, 10th Edition, by Farrington is the most comprehensive and accessible textbook on procurement and supply chain management currently available. It is the ideal textbook for those aspiring to be leaders in the profession, and for those who are engaged in professional studies for the Chartered Institute of Procurement and Supply examinations (at both the foundation and professional stages). It is also of value to specialists in other fields who require understanding of the role and influence of this area of business performance. Using extensive real-life ex.

supply chain mapping example: *Value Stream Mapping for the Process Industries* Peter L. King, Jennifer S. King, 2017-08-25 Providing a framework that highlights waste and its negative effects on process performance, value stream maps (VSMs) are essential components for successful Lean initiatives. While the conventional VSM format has the basic structure to effectively describe process operations, it must be adapted and expanded to serve its purpose in the process indu

supply chain mapping example: ,

supply chain mapping example: *Procurement Playbook* David McKeivitt, Ingrid De Doncker, Monika Bis, Paul Davis, 2023-09-18 Perhaps the greatest frustration of procurement students and faculty is the lack of a codified procurement body of knowledge (PBoK). At the same time, the demand for relevant procurement skills has never been greater. The Procurement Playbook consists of ten chapters of essential procurement knowledge and skills. Written by an award-winning panel of experts, consultants and academics, the Playbook distils essential procurement knowledge using a structured pedagogical framework. Organisations are at various stages of their development towards procurement excellence. Existing texts on the market tend to convey procurement through a manufacturing lens or position private and public procurement as separate disciplines. The Playbook helps practitioners organise their thoughts and speak with clarity and confidence about the art and science of procurement. The text is an ideal companion for middle-level executives seeking to acquire procurement skills and provides a blueprint for training and training specialists who design procurement courses. * Achieves a balance between theory and a practical, skill-based approach to the procurement discipline. * Each chapter contains a glossary of terms, key questions and learning objectives. * Ideal for executives looking to acquire procurement skills, the Playbook is interspersed with short cases, research insights and debate points. * Provides a blueprint for training and education specialists looking to design procurement courses. Chapter overview: * Introduction * Perspectives of procurement * Identifying needs and writing specifications * Supplier screening and selection * Market analysis * Supply cost and prices * Outsourcing * Procurement value * Spend analysis * Supplier Performance Management

supply chain mapping example: **Supply Chain Redesign** Robert B. Handfield, Ernest L. Nichols (jr.), 2002 The authors identify key emerging trends and drivers in supply chain management, introduce powerful new strategies for redesigning supply chains, and present comprehensive global case studies showing how Nortel and General Motors have transformed their own supply chains to optimize value and drive out costs.

supply chain mapping example: ICCWS 2016 11th International Conference on Cyber Warfare and Security Dr Tanya Zlateva and Professor Virginia Greiman, 2016 The 11th International Conference on Cyber Warfare and Security (ICCWS 2016) is being held at Boston University, Boston, USA on the 17-18th March 2016. The Conference Chair is Dr Tanya Zlateva and the Programme Chair is Professor Virginia Greiman, both from Boston University. ICCWS is a recognised Cyber Security event on the International research conferences calendar and provides a valuable platform for individuals to present their research findings, display their work in progress and discuss

conceptual and empirical advances in the area of Cyber Warfare and Cyber Security. It provides an important opportunity for researchers and managers to come together with peers to share their experiences of using the varied and expanding range of Cyberwar and Cyber Security research available to them. The keynote speakers for the conference are Daryl Haegley from the Department of Defense (DoD), who will address the topic Control Systems Networks...What's in Your Building? and Neal Ziring from the National Security Agency who will be providing some insight to the issue of Is Security Achievable? A Practical Perspective. ICCWS received 125 abstract submissions this year. After the double blind, peer review process there are 43 Academic Research Papers 8 PhD papers Research papers, 7 Masters and 1 work-in-progress papers published in these Conference Proceedings. These papers represent work from around the world, including: Australia, Canada, China, Czech Republic, District of Columbia, Finland, France, Israel, Japan, Lebanon, Netherlands, Pakistan, Russian Federation, Saudi Arabia, South Africa, Turkey, United Arab Emirates, UK, USA.

supply chain mapping example: Global Logistics Management Wolfgang Kersten, 2008

supply chain mapping example: Risk Management for the Future Jan Emblemsvåg, 2012-04-25 A large part of academic literature, business literature as well as practices in real life are resting on the assumption that uncertainty and risk does not exist. We all know that this is not true, yet, a whole variety of methods, tools and practices are not attuned to the fact that the future is uncertain and that risks are all around us. However, despite risk management entering the agenda some decades ago, it has introduced risks on its own as illustrated by the financial crisis. Here is a book that goes beyond risk management as it is today and tries to discuss what needs to be improved further. The book also offers some cases.

supply chain mapping example: Supply Chain Risk Management Gregory L. Schlegel, Robert J. Trent, 2014-10-14 You don't have to outrun the bear you just have to outrun the other guy. Often in business we only have to run a bit faster than our competitors to be successful. The same is true in risk management. While we would always like to anticipate and prevent risk from happening, when risk events do occur being faster, flexible, and more responsive than

supply chain mapping example: Supply Chain Planning for Clinical Trials Ryan Mills, 2024-08-13 Ensure your clinical trial supply chain is running smoothly with this practical guide Clinical trials are a critical part of the pharmaceutical development process. These trials cannot proceed without timely and regular receipt of the drugs being tested, which can prove a challenge for drug manufacturers who have not yet established the structures required to produce quality-controlled specimens of the drug at scale. Managing supply chains of pre-production drugs for clinical trials is therefore an essential component of drug development. Supply Chain Planning for Clinical Trials offers a practical introduction to this process for researchers and industry professionals. Beginning with the basics of clinical trial supply chain management, it proceeds step by step through all aspects of demand and supply planning for clinical trials. The result is a thorough overview that also offers practical examples of how to plan supply for clinical trials. Supply Chain Planning for Clinical Trials readers will also find: Tools for minimizing risk and expense by optimizing the relationship between supply and demand Detailed discussion of topics including quality and regulatory considerations and the business processes that support clinical trial supply chain management Spreadsheet-based models to illustrate key concepts, adaptable to the readers' specific scenarios Supply Chain Planning for Clinical Trials is ideal for pharmaceutical industry professionals involved in clinical trial supply planning, as well as academics and researchers interested in the pharmaceutical industry and its logistics.

supply chain mapping example: Make Your Business a Lean Business Paul C. Husby, Jerome Hamilton, 2017-09-19 Make Your Business a Lean Business is a written by business leaders for business leaders as a how-to guide to building enduring market leadership. Written by authors with more than 60 years' experience applying Lean to operations and businesses, this book will allow readers to understand Lean principles and apply practices to transform their business. It also Shows readers how to transform their business to a Lean business using Lean philosophy, values, practice, and tools Is a comprehensive Lean Enterprise Operational Management System implementation

guide that defines the Lean Enterprise Business Model Uses personal author experiences throughout the book to illuminate and reinforce concepts and practices Provides insights and a roadmap so executives can take immediate action to start building a Lean business Readers will be able follow a logical path aligning their business from strategy to detailed activity, thereby engaging their entire organization in becoming more competitive. It is the only true enterprise book about applying Lean to the entire business, and it provides business leaders with the understanding, approach, and tools to plan, align, and transform their business starting with their core business value proposition, business planning, disciplined goal and resource alignment, and implementation management.

supply chain mapping example: Handbook of Research on Promoting Logistics and Supply Chain Resilience Through Digital Transformation Masudin, Ilyas, Almunawar, Mohammad Nabil, Restuputri, Dian Palupi, Sud-On, Ploy, 2022-11-25 Adoption of new technologies in logistics and supply chain processes is crucial for the continued effectiveness of supply chains. Technology has the potential to address the issue of logistics and supply chain visibility throughout the supply chain, from raw materials through manufacturers and end users. When properly implemented, improved forecasting of inventory levels, employee productivity, adequate accountability, and higher warehouse savings are all possible. Additionally, businesses must upskill their supply chain workers and recruit and manage digital talent in cross-functional teams. The Handbook of Research on Promoting Logistics and Supply Chain Resilience Through Digital Transformation discusses the ways in which global logistics and supply chains have been severely disrupted by digital technology transformation. The book helps policymakers in designing a resilient framework that can absorb external shocks like the COVID-19 pandemic and also enhances the performance and operational capability of the logistics and supply chain network. Covering topics such as oil and gas maintenance support, stakeholder management, and business optimization strategy, this major reference work is essential for logistics professionals, business leaders and executives, IT managers, government officials, manufacturers, students and faculty of higher education, librarians, researchers, and academicians.

supply chain mapping example: *Dynamic Supply Chain Alignment* John Gattorna, 2016-04-29 Just like the world financial system, but for different reasons, 21st-century corporations need a new business model for their enterprise supply chains. The old conventions no longer work in this new world of volatile and increasingly unpredictable demand and supply. The enterprise needs to become more 'connected' to its own parts, as well as its partners up and down the chains it participates in. So too, we need to embrace new ways of looking at customers to gain deeper, more insightful impressions of what they are telling us about the way they want to buy our products and services. Finally, these signals need converting into corresponding action, driven by the people in the business, leaders and staff alike, who are aligned to their customers' wishes. This is the world of dynamic supply chain alignment where, increasingly, supply chains are the business. In the follow-up to his hugely successful *Strategic Supply Chain Alignment*, John Gattorna's *Dynamic Supply Chain Alignment*, explores how to create and sustain multiple supply chains with a level of flexibility and responsiveness that allow you to respond to opportunities and threats; at the same time aligning with your suppliers, your partners and your customers. When more executives get to this stage of development the profits will flow more readily, and sustainability of performance will not be the same issue it is today. The way forward is right there in front of us; but, says John Gattorna, we must throw off old ways and embrace the new.

supply chain mapping example: *Supply Management and Procurement* Robert W. Turner, 2011-10-10 Read the Reviews: "Supply Management and Procurement contains a wealth of practical knowledge and is a great resource to all who seek to excel in their study of supply chain best practices." —Les Long, C.P.M., A.P.P., President, Caterpillar Dealers of North America Purchasing Group "Supply Management and Procurement is a book that imparts tremendous insight and tools for procurement professionals seeking best-in-class advantages for their companies in a simple, understandable, and practical approach." —Tom Middleton, C.P.M., A.P.P, President, Airport Purchasing Group About the Item: Driven by a down economy and difficult economic realities, many

organizations are discovering that what worked well in the past may not be what is needed now to move forward or even survive. This comprehensive and analytical resource draws comparisons between practicing basic procurement and the more advanced modern principles of strategic supply management, and clearly demonstrates how merely practicing the basic procurement principles and methods of the past in our new economy can lead to disastrous consequences. This valuable guide shows readers how to attain best-in-class supply management performance to help insure survival and achieve competitive advantage. For the individuals in the trenches actually doing the work, it shows why strategic supply management and procurement practices are important to their jobs, why and how to use them, and what benefits can be derived from using them. *Supply Management and Procurement: From the Basics to Best-in-Class* contains proven tools and techniques and a wealth of information that procurement and supply management professionals at any level can use to improve both their organization's performance and their individual performance in real-world situations they face on a daily basis. This unique text is ideal for individual learning, corporate training, and academic course instruction. Key Features: Provides an extended source of knowledge, tools, and techniques to better understand the philosophy of strategic supply management and procurement, and discusses how to facilitate, implement, and manage change from a basic procurement philosophy to a strategic supply management philosophy Emphasizes the value and benefit of integrating new concepts and philosophies into current operations for cost reduction and process improvement, and increases in efficiencies that equate to higher profit margins and greater competitive advantage Examines the various analysis, tools, and techniques used by best-in class strategic supply management organizations and elaborates on each one to demonstrate how to use these tools and techniques in real-world situations so that readers can master them in practice Includes interactive case studies that present situational facts, background information, and research results, and then asks readers to make decisions based on all the facts WAV offers a downloadable Incoterm responsibility chart, a sourcing methodology model, a best-in-class sourcing checklist, and a comprehensive listing of supply and procurement terms and definitions — available from the Web Added Value™ Download Resource Center at www.jrosspub.com

supply chain mapping example: *Programme Procurement in Construction* John Mead, Stephen Gruneberg, 2013-03-06 This book ... adds to the impressive 'legacy' of learning which is still emerging from the successful delivery of the London 2012 construction programme. The authors combine the reforming zeal of a champion for change, who was there every step of the way, with academic rigour, and the result is delivered with impressive passion and commitment to the topic ... All spenders and suppliers need to read this, to understand how conventional understandings of procurement fall so dramatically short when applied to high value-high risk acquisitions, which invariably is what large construction projects represent. —Don Ward, Chief Executive, Constructing Excellence, UK Successful construction is often attributed to one or more aspects of the delivery process from good planning, design and clever engineering to efficient project management and quality construction. Before any of these disciplines can begin, they all require some form of procurement to select the team or supply chain to meet a client's or a project's specific requirements. The concept of PSE - Purchase and Supplier Engineering - originated in the procurement of the construction and infrastructure required to stage the 30th Olympiad in London during 2012. At the time of writing PSE has successfully delivered almost £25bn of public procurement meeting client and project requirements and without legal challenge. The construction of the venues and infrastructure needed to stage London 2012 was such a resounding success that it boosted not only the reputation of the UK construction industry but also the confidence of the UK population in the country's ability to organise, build and run a major international event. Its success has been lauded as something from which clients and industry could learn. The ODA has established a comprehensive and informative body of evidence as part of a Learning Legacy. While the ODA is well aware of the many elements of the procurement and supply chain management, the complete end to end concept of how the Olympic supply chain procurements were managed has until now not been captured. For example, how does one buy the stage for an Olympic Games? How does one

manage the details of thousands of contracts and the many firms of contractors, subcontractors and material suppliers and ensure that no one organisation adversely affects any other to the detriment of the programme? How are a client's requirements beyond those of the capital asset realised as part of the investment? How does one measure programme exposure, or manage performance? How does one measure capacity and the ability of firms to cope with the work and manage the risks involved? Programme Procurement in Construction: Learning from London 2012 covers the planning and preparation of a programme's procurement processes from understanding and developing the client's requirements, to monitoring performance based on the benchmarks contractors set out in their own tender submissions. The emphasis is on a close attention to detail to avoid surprises, while keeping a focus on the total programme. Purchase and Supplier Engineering provides an overview of managing the interest of firms in participating and the resulting capacity and workloads of all suppliers, including the main contractors and the critical subcontractors and material suppliers. Offering techniques, tips and lessons learnt from the implementation of PSE on London 2012 and Crossrail, this book is aimed at public and private sector clients, developers, senior management and those businesses and professionals involved in undertaking the procurement, supply chain management and delivery of multiple construction projects or complex major construction programmes.

supply chain mapping example: The Handbook of Logistics and Distribution Management Alan Rushton, John Oxley, Phil Croucher, Institute of Logistics and Transport, 2000 Designed for students, young managers and seasoned practitioners alike, this handbook explains the nuts and bolts of the modern logistics and distribution world in plain language. Illustrated throughout, this second edition includes new chapters on areas previously not covered, such as: intermodal transport; benchmarking; environmental matters; and vehicle and depot security.

supply chain mapping example: Digital Business Annmarie Hanlon, 2024-03-15 Digital Business: Strategy, Management & Transformation covers all the essentials for understanding and doing business in a digital world within a single comprehensive textbook, including an introduction to the digital business environment, cutting-edge coverage of data and artificial intelligence, and an exploration of the latest digital tools and platforms and emerging and enabling technologies such as blockchain and Web 3.0. The text explores all types and scales of digital business, from small, innovative start-ups and disruptors that are 'born digital', to the digital transformation of traditional large-scale businesses. Readers will also learn how these businesses strategise, operate and manage themselves, user experiences and customer relationships within an ever-increasing digital environment. Consideration is also given to the ethical and legal components of doing digital business with the United Nations' Sustainable Development Goals in mind. This textbook includes a rich source of learning features and activities making it suitable for business students at undergraduate and postgraduate levels, and setting students up for success on graduation in a fast-changing, digitalised and technology-led business world. Annmarie Hanlon teaches digital marketing and is Course Director for the MSc Marketing and Leadership at Cranfield School of Management in the UK. You can follow her updates at twitter.com/annmariehanlon and [LinkedIn linkedin.com/in/annmariehanlon](https://www.linkedin.com/in/annmariehanlon)

supply chain mapping example: Purchasing and Supply Chain Management Thomas Johnsen, Mickey Howard, Joe Miemczyk, 2018-10-26 For too long, business has focused on short-term cost advantages through low-cost country sourcing with little regard for the longer-term implications of global sustainability. Purchasing and Supply Chain Management, Second Edition, not only fully addresses the environmental, social and economic challenges of how companies manage purchasing and supply chains, but also delves deeper into emerging areas such as modern slavery, digital technologies and circular supply chains. In addition to explaining the basic principles and processes of both purchasing and supply chain management, the book evaluates how to develop strategic and sustainable purchasing and supply chain management. Our key message is that purchasing and supply chain management needs to focus on value creation rather than cost cutting. This requires the development of new purchasing and supply chain models that involve circular

supply structures, supply chain transparency and collaboration with new stakeholders in traditional sourcing and supply chain settings. Aimed at students, educators and practitioners the book integrates sustainability into each chapter as a core element of purchasing and supply chain management. This second edition incorporates new examples and case studies from industry throughout, striking a balance between theoretical frameworks and guidelines for implementation in practice.

Related to supply chain mapping example

What is Supply Chain Mapping? Best 6 Tools & Examples A supply chain map is a diagram that illustrates the key steps involved in creating and managing a supply chain. In a typical supply chain process map, each step is represented by a box with

Top 7 Supply Chain Map Templates with Samples and Examples This PowerPoint Slide represents the effective supply chain mapping process for products and materials in order to reduce time and cost throughout the supply chain

Supply Chain Mapping Explained: A Step-by-Step Guide Discover how supply chain mapping can enhance your business operations. This step-by-step guide provides insights on mapping, benefits, challenges, and technology's role

Guide to Supply Chain Mapping: Enhance Transparency and There are four key steps in the process to map a supply chain. 1. Learn where your suppliers and their suppliers are located by working with your procurement teams, starting with

How to Map a Supply Chain: Tools & Techniques | QIMA Creating a supply chain map involves a deep dive into the inner workings of your suppliers and their operations. This process can be a complex undertaking, with many

Why a Supply Chain Map is Valuable - Where to start, to prepare a supply chain map? Here's a video walkthrough of an example supply chain map that I made over on Sofeast's YouTube channel: Now, let's go through each step

Free Editable Supply Chain Diagram Examples - Edrawsoft Let us review supply chain diagram examples ranging from generic to the supply chains of giants in the industry to understand how these models support the businesses

Supply Chain Mapping: The Key to Faster Fulfillment in 2025 In this guide, we'll break down the steps to map your supply chain effectively and unlock smarter fulfillment strategies. What Is Supply Chain Mapping? Supply chain mapping is

Supply Chain Map Template (Free Examples) | Slickplan Quickly create a supply chain map with a ready-made template. Visualize resources, assets, and transportation flows to optimize operations. Start today!

Supply Chain Mapping Explained - Unleashed Software As an example, consider this detailed supply chain map of a clothing manufacturer: The map starts with raw material suppliers, such as cotton farms and synthetic fibre

Back to Home: <https://www-01.massdevelopment.com>