



Sustainable supply chain creates competitive advantage

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Agenda

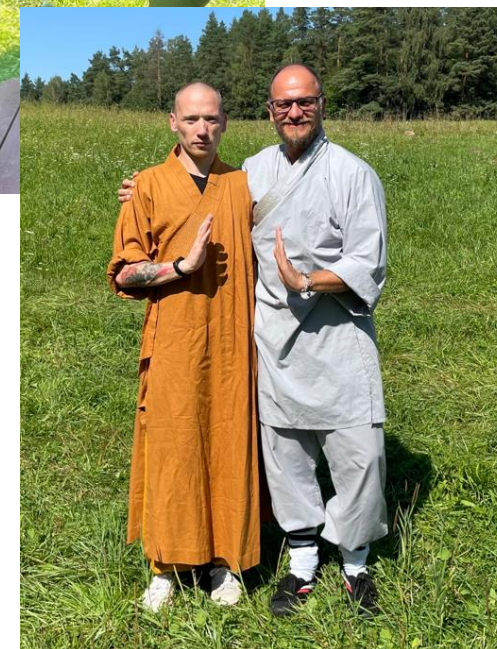
- About me
- Sustainable development
- Sustainable supply chain
- Worth remembering...



About me



AKADEMIA
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What is sustainable development?





Sustainable development

- Sustainable development is a way of "managing" the planet in such a way that the welfare of the current generation does not reduce the degree to which the needs of future generations are met
- Three dimensions of sustainable development:
 - * Economic
 - * Social
 - * Environmental



Dimensions of sustainable development

Economic

Companies seek to reduce costs while trying to maintain high quality and efficient processes

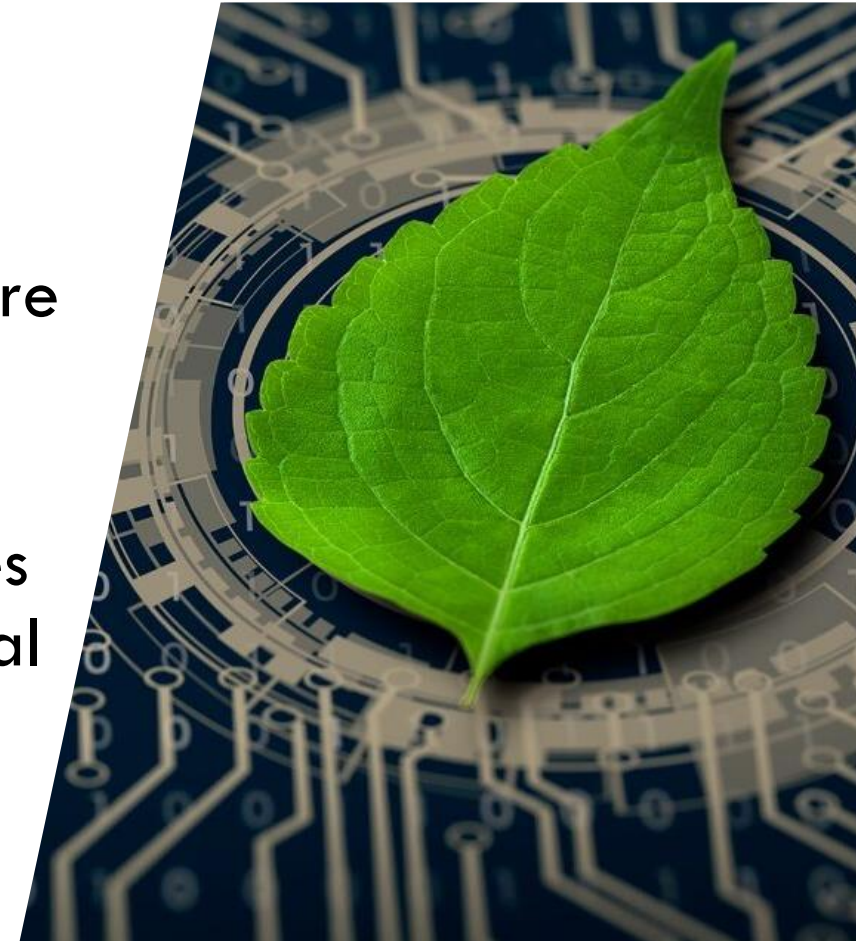




Dimensions of sustainable development

Social

- Respect for workers' rights: companies must ensure decent working conditions, wages and ensure the safety for workers
- Corporate Social Responsibility (CSR): companies undertake social initiatives that contribute to local communities, such as through educational programs or support for the poor





Dimensions of sustainable development

Environmental

- Reducing greenhouse gas emissions: companies are trying to reduce CO2 emissions by using greener energy sources and optimizing delivery routes
- Waste management: strive to minimize waste and promote recycling
- Sustainable raw materials: companies strive to use responsibly sourced raw materials, such as certified wood or recycled materials





Sustainable supply chain

Sustainable supply chain provides products and services that meet customer expectations while having as little negative impact on the environment as possible (additionally from me: a well-organized supply chain provides benefits to society and the environment)





Modern supply chain means sustainable supply chain

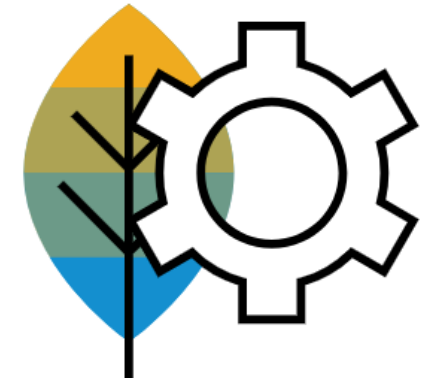
Green Supply Chain



Transparent Supply Chain



Circular Supply Chain





Green supply chain

Green supply chain is the application of pro-environmental principles and standards. Building a competitive advantage is the application of solutions that take into account the environmental aspect of supply chains, while continuing to ensure a decrease in costs / increase in profits



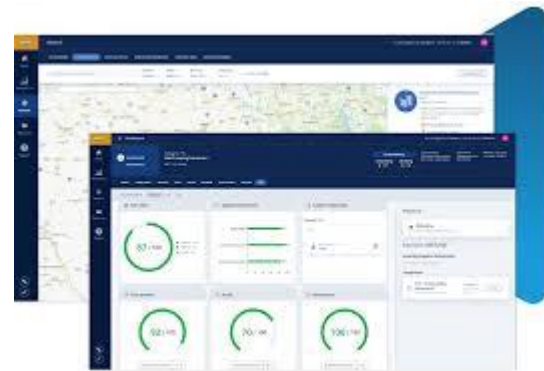


Transparent supply chain

The ability to have real-time visibility into all stages and levels of the supply chain can significantly reduce delivery times, reduce capital expenditures and improve risk management

Visibility: accurate identification and collection of data from all links in the supply chain

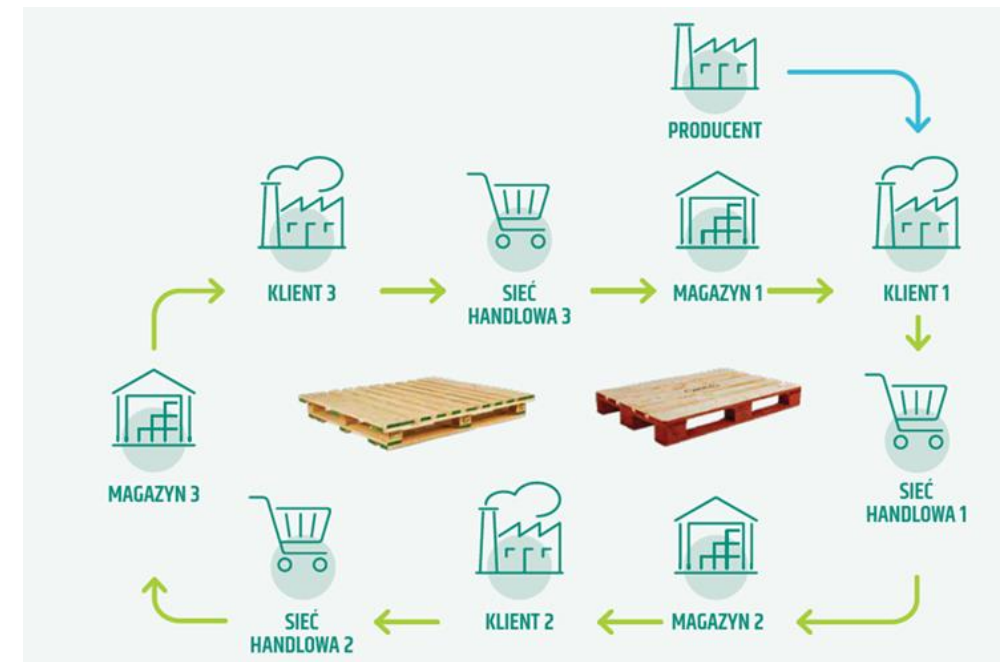
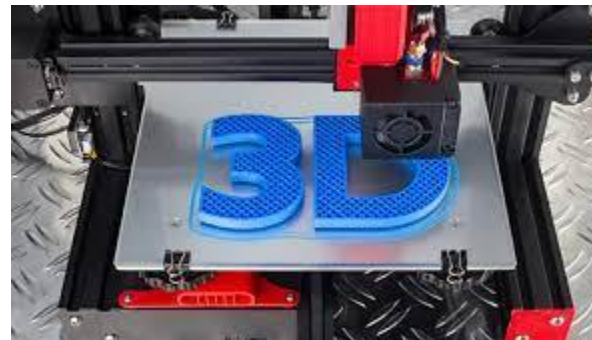
Disclosure: communicate this information, both internally and externally, at the required or desired level of details





Circular supply chain

Circular supply chain means keeping resources in use as long as possible without creating waste





OK Tomasz...so what should I do to make my supply chain more sustainable?

- Reduce waste in your logistic processes
- Integrate technology into your processes - technology is about improving transparency, e.g. RFiD or RTLS
- Use dedicated IT platforms to improve supply chain "visibility"
- Eliminate paper from your logistic processes where possible
- Use "green" solutions in your warehouses (LED lighting, alternative energy sources)
- Reduce "empty" mileage in transportation / reduce the number of kilometers traveled
- Take advantage of pallets pooling



Worth remembering...

There is a common misconception that a sustainable supply chain (i.e., reducing environmental impact) is expensive. In reality, it can lead to big savings. By reducing waste and making buildings more green, vehicles and packaging more efficient, you can quickly see a payback....



Thank you for your attention



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