

**Lazar, S., Klimecka-Tatar, D. & Obrecht, M.** Defining sustainability orientation and focus in logistics and supply chain-related research studies.

**Supplementary material**

**Database of 116 studies of investigating logistics and supply chain in relation with sustainable development**

No.	Paper & Author(s)	Database		Relation	Geographical orientation	Dimensions of SD			Primary research orientation related to SDG	Secondary research orientation related to SDG	Main findings and results
		WoS	Scopus			Economic	Social	Environmental			
1	[38] Isaksson et al.. (2010)	X	X	Supply chain	Not specified	X	X	X	Industry, Innovation, and Infrastructure; Responsible consumption and production	Sustainable cities and communities	In all supply chain, it is necessary to expand the mind-set for the rational use of resources and to compensate for the damage caused, because this also leads to sustainable development, which is more innovative, but is conditioned by good business ethics.

2	[39] Yildiz, T., & Yercan, F. (2011)	X	Supply chain	International	X	X	X	Responsible consumption and production	Sustainable cities and communities	The importance of a sustainable concept with an emphasis on ecology, including in green strategies with an emphasis on sustainable development, where environmental reporting is included as part of improvements. Green products are becoming more and more interesting for consumers, and green issues for all other stakeholders in the supply chain process.
3	[40] Bajdor, P. (2012)	X	Logistics	Not specified (Literature review)	X	X	X	Clean water and sanitation; Affordable and clean energy; Climate actions	Sustainable cities and communities	Green logistics deals primarily with the issue of the environment, it is an introduction to the concept of sustainable development, where the issues are connected: the environment, the economy and society (also for future generations).

4	[41] Fleury, A., & Davies, B. (2012)	X	X	Supply chain	International (study on individual case )	X	X	X	Clean water and sanitation; Affordable and clean energy; Responsible consumption and production	Sustainable cities and communities	Sustainable development of sectors can be achieved through products, life cycle and also the material used to make it environmentally friendly. For example: The EU directive requires that certain hazardous substances not be used in electronics,...
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5	[42] Boons, F., Baumann, H., & Hall, J. (2012)	X		Supply chain	International (study on individual case )	X	X	X	Decent work and economic growth; Reducing inequalities; Responsible consumption and production	Sustainable cities and communities	The sustainable development of global supply chains needs to be viewed holistically. From the economic point of view, from the ecological point of view, from the social point of view, as well as from the mutual influence, where certain sciences and tools are used.
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6	[43] Rabenasolo, B., & Zeng, X. (2012)	X	Supply chain	International	X	X	Responsible consumption and production	Sustainable cities and communities	The evaluation index would be based on measures of sustainable development in the textile supply chain (environmental protection, recycling, energy saving, human, health and safety, and social impacts). With an appropriate management strategy, companies would apply the criteria of sustainable development and thus reduce risks.
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7	[44] Cucchiella, F., & Koh, L. (2012)	X	Supply chain	International	X	X	X	Affordable and clean energy; Decent work and economic growth	Sustainable cities and communities	Understanding the green supply chain means progress for all stakeholders and, at the same time, if there is carbon management behaviour, a competitive advantage. A green supply chain strategy makes sense from a general business perspective, but the vast majority of organizations are at an early stage of the strategy. Users want organizations to be green-oriented, but they are not willing to pay more for it.	
8	[27] Large, R. O., Kramer, N., & Hartmann, R. K. (2013)	X	X	Logistics	Germany		X	X	Responsible consumption and production	Partnerships for the goals	Study found that logistics services in the context of sustainable development focus on ecology and the social aspect.

9	[30] Kannegiesser, M., & Günther, H. (2013)	X	X	Supply chain	Not specified (Literature review)			X	Affordable and clean energy	Sustainable cities and communities	When defining sustainability, other sustainability indicators are also used, such as waste consumption, methods of aggregation, time required for changes, optimization framework.
10	[45] Lintukangas, K., Hallikas, J., & Kähkönen, A. (2013)	X	X	Supply chain	Finland	X	X	X	Clean water and sanitation; Affordable and clean energy; Responsible consumption and production	Sustainable cities and communities	The demands of customers lead to greater sustainability of companies, especially large ones, because the image depends on it. Therefore, they are introducing more green practices, also on the purchasing side.

11	[46] Kannegiesser, M., Günther, H., & Gylfason, Ó. (2013)	X	X	Supply chain	International (supply chain analysis for the European automotive industry)	X	X	X	Affordable and clean energy; Industry, Innovation, and Infrastructure; Responsible consumption and production	Sustainable cities and communities	The European car industry has the potential to improve sustainability, where is time also an important factor for sustainability, which is defined in strategies. Optimization is also taken into account between factors.
12	[47] Hornibrook, S., May, C., & Fearn, A. (2013)	X	X	Supply chain	United Kingdom	X	X	X	Industry, Innovation, and Infrastructure; Responsible consumption and production	Sustainable cities and communities	Pre-testing the use of carbon labels did not provide the expected background for product demand. Causes of ignorance, too heterogeneous consumer group, influence of society, culture, under-emphasized labelling.

13	[48] Reefke, H., & Trocchi, M. (2013)	X	Supply chain	Not specified (Literature review)	X	X	X	Decent work and economic growth	Sustainable cities and communities	Sustainable supply chain management can be achieved through balanced indicators, where their success depends on they aligned with strategy, goals of individuals, companies, supply chains. The indicators are monitored through: perspectives of finance, customer, internal processes, growth, knowledge and environmental protection.
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14	[49] Campbell, A. M., & MacRae, R. (2013)	X	Supply chain	Canada	X	X		Responsible consumption and production	Sustainable cities and communities	A case of a non-profit organization in Canada that targets producers and consumers in order to promote regional supply and consumption. They highlight traditional values, community, local food (this also leads to sustainable development).
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15	[50] Muduli, K., & Barve, A. (2013)	X	Supply chain	India	X	X	X	Reducing inequalities	Sustainable cities and communities	Green supply chain management leads to sustainable development, which is a problem for smaller businesses. Example: a small mining industry in India, which can be accelerated by setting up a laboratory to test, evaluate and determine causal relationships.
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16	[51] Davies, W., Baines, R., & Batt, P. (2013)	X	Supply chain	International	X	X		Partnerships for the goals	Sustainable cities and communities	Universities can, as a stakeholder in the supply chain, have a role to: partnerships, collaborations, solving challenges, finding solutions, helping in the form of knowledge, long-term success, promoting entrepreneurship. The private sector, on the other hand, contributes idea and investment. Interaction is key.
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17	[52] Komar, N., & Grabara, I. (2013)	X	Supply chain	Poland	X	X	X	Affordable and clean energy; Industry, Innovation, and Infrastructure	Sustainable cities and communities	Study includes mines where all processes in the field of waste and all logistics processes have introduced elements that are consistent with the concepts of sustainable development.

18	[53] Prause, G. (2014)	X	Logistics	International (Europe)	X		X	Affordable and clean energy; Climate actions	Sustainable cities and communities	The concept of a green transport corridor is important for Europe and also depends on the basic hubs, which presents the logistics nest.
19	[54] Brandenburg et al. (2014)	X	X	Supply chain	Not specified (Literature review)	X	X	Reducing inequalities	Sustainable cities and communities	Modelling is also across the field of research at SSCM. It is necessary to include social issues, the use of research between areas, the study of situations in unforeseen environments with many complications.

20	[55] Oelze, et al.. (2014)	X	X	Supply chain	International (United Kingdom and Germany)	X	X	X	Quality education	Sustainable cities and communities	From supply chain management depends the success of companies. Organizational learning (between companies, between generations) leads to sustainable supply chain management, although it has been proven that learning is always purposeful for a specific purpose.
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21	[56] Yan et al., (2014)	X	X	Supply chain	China	X	Industry, Innovation, and Infrastructure	Responsible consumption and production	<p>If they invest in RFID technology in the supply chain of fresh agricultural products, this will certainly have effect in the future. In the initial stage, costs increase, but transportation is more rational. Conversion time in the supply chain is faster especially if there are and will be more stakeholders (supply chain stage) and profit will also be affected.</p>
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22	[57] Martínez-Guido et al. (2014)	X	X	Supply chain	International	X				Industry, Innovation, and Infrastructure; Responsible consumption and production	Sustainable cities and communities	Growing a special raw material in Mexico for perfume production means positive for the economy, society in new locations, because the supply chain can be used. At the same time, it has a negative impact on the environment, and it is basically an expensive raw material, which represents a high cost in the price of perfume. Compromises need to be considered.
23	[58] Gopal, P., & Thakkar, J. (2014)	X	X	Supply chain	Not specified (Literature review)	X	X	X	X	Industry, Innovation, and Infrastructure	Sustainable cities and communities	A combination of key indicators is needed. Sustainability and quantitative statistical inputs can be combined with expert to create a general sustainability index.

24	[59] Steele, B., & Feyerherm, A. (2014)	X	Supply chain	Canada	X	X	X	Clean water and sanitation; Reducing inequalities; Life below water	Sustainable cities and communities	A change of mind-set in order to increase the sustainable development of the supply chain. In the sense that it is first executed through the commitment of internal change leadership, and then extended to other partners in the chain.
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25	[60] Singhry, H. B. (2015)	X	Supply chain	Not specified (Literature review)	X	X	X	Partnerships for the goals	Sustainable cities and communities	Supply chain management affects on competitive advantage, performance, but if not considering competently, the problem of sustainability arises. The latter is important so that we do not endanger the environment, it does not pose a threat to society, higher unemployment.
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26	[61] Battini et al.(2015)	X	X	Supply chain	Not specified	X		X	Industry, Innovation, and Infrastructure; Responsible consumption and production	Sustainable cities and communities	Packaging materials represent approximately 65% of household waste, which affects the environment as well as costs. Disposable packaging and reusable plastic were studied. The solution, which is less burdensome for the environment and also economically acceptable, is in two packages, whether it is a traditional supply chain or a short food chain.
27	[27] Mehmman, J., & Teuteberg, F. (2016)	X	X	Logistics	Germany	X	X	X	Clean water and sanitation; Affordable and clean energy	Sustainable cities and communities	Involvement of an independent logistics service provider in German agricultural logistics for bulk cargo via full trucks - greater sustainability, better environmental impact and lower costs.



28	[62] Sun, Q. (2016)	X	X	Logistics	Liaoning (Province of China)	X	X	Responsible consumption and production	Clean water and sanitation; Affordable and clean energy	When defining the goals of how to achieve sustainable development of return logistics, it is necessary to take into account several aspects of the carbon footprint of reverse logistics. Theory and practice must be used. The action can also be inhibitory (energy efficiency, energy structure, processing). Intensity, on the other hand, has an accelerating effect.
29	[63] Manea, et al. (2016)	X	X	Logistics	Romania		X	Affordable and clean energy	Responsible consumption and production	It is important to maintain the ecological balance and determine which trees are more common in a particular area.  In determining a logistical recession is used, which is more flexible and at the same time allows for categorization.

30	[64] Dupal, A., Richnak, P., & Gubova, K. (2016)	X		Logistics	Slovakia	X	X	X	Industry, Innovation, and Infrastructure	Sustainable cities and communities	Fast development of technology brings the need for return logistics in manufacturing companies, which needs to be optimized for sustainable development.
31	[65] Zuzek, D. K., & Mickiewicz, B. (2016)		X	Logistics	Not specified (Literature review)	X	X	X	Responsible consumption and production	Sustainable cities and communities	Logistics processes in companies must follow sustainable development, in all three dimensions and in all general principles: inventory, innovation and technology. Sustainable logistics must be the direction of development.

32	[66] Alshubiri, F. N., & Hussein, M. A. (2016)	X	Supply chain	Oman	X	X	X	Sustainable cities and communities	Decent work and economic growth	The impact of sustainable development on performance is examined. Sustainable supply chain recipients are more important than GDP in foreign direct investment. Researchers recommend the need to limit domestic consumption and increase the contribution of small and large companies and strengthen local added value.
33	[67] Jarda, M., Dundović, Č., & Badurina-Tomić, P. (2016)	X	Supply chain	Croatia	X	X		Partnerships for the goals	Sustainable cities and communities	Information and telecommunication technology will influence the supply chain for efficient delivery to city centres, where the emphasis is also on the participation of all stakeholders. The future is seen in a centralized distribution centre.

34	[68] Rakhmangulov et al. (2017)	X	X	Logistics	International (countries)	X	X	X	Industry, Innovation, and Infrastructure	Sustainable cities and communities	Sustainable development can be achieved by coordinating economic goals and principles of logistics taking into account individual methods and instruments of logistics.
35	[69] Sun, Q. (2017)	X	X	Logistics	Liaoning (Province of China)	X	X	X	Partnerships for the goals	Sustainable cities and communities	There is a long-term stable balance between new type of urbanization and regional logistics, which leads to the sustainable development of China.

36	[70] Malá et al. (2017)	X	X	Logistics	Slovakia	X	X	X	Reducing inequalities; Industry, Innovation, and Infrastructure	Sustainable cities and communities	The research is based on wood pulp processing, which should include all three dimensions of sustainable development. The introduction of green logistics involves the implementation of the model as an element of sustainable development, as for individual smaller companies they face high costs and ignorance of the topic.
37	[71] Wang, et al. (2017)	X	X	Logistics	United States of America	X		X	Partnerships for the goals	Sustainable cities and communities	Choose the right model from green logistics providers for a partnership towards sustainable cooperation to lead to efficiency and environmental protection.

38	[29] Jafari, H., Hejazi, S. R., & Rasti-Barzoki, M. (2017)	X	X	Supply chain	Not specified	X		X	Clean water and sanitation; Affordable and clean energy; Reducing inequalities; Responsible consumption and production	Sustainable cities and communities	Sustainability in the supply chain can also be achieved through a higher level of waste recycling, where the producer, collector, recycler and the use of waste materials act as a two-channel supply chain.
39	[72] Das, D. (2017)	X	X	Supply chain	Not specified (Literature review)	X	X	X	Decent work and economic growth; Responsible consumption and production	Sustainable cities and communities	A sustainable supply chain is successful if it is environmentally, productively, socially successful, competitive, if it is focused on employees, the community.

40	[73] Wong, C. W., Wong, C. Y., & Boon-itt, S. (2017)	X	X	Supply chain	Thailand	X	X	X	Affordable and clean energy; Industry, Innovation, and Infrastructure; Responsible consumption and production	Sustainable cities and communities	Companies in the supply chain work together to achieve success: lean (cost reduction), green (environmental) and profitable (financial). With different impact and also thus achieve sustainability. Example: Environmental performance has a positive impact on sustainability, but less on financial performance.
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41	[74] Jarrett, C., Cummins, I., & Logan-Hines, E. (2017)	X	Supply chain	Ecuador	X	X	Peace, justice and strong institutions; Partnerships for the goals	Sustainable cities and communities	More activities should be carried out with a view to sustainable development. The government would subsidize the maintenance of certain indigenous plants, governmental and non-governmental organizations should promote local engagement to add value e.g. packaging, landscapes should be managed holistically (commonly as forestry and land use).
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42	[75] Ha-Brookshire et al. (2017)	X	X	Supply chain	International		X	Quality education; Peace, justice and strong institutions	Sustainable cities and communities	Examining the case of the supply chain of the textile and clothing industry, where they find that the personal morality of the individual is important. The moral capacity of professionals is crucial and, from this point of view, adequate moral education is necessary for sustainable development.
43	[76] Mishenin et al. (2018)	X	X	Logistics	Not specified	X	X	Clean water and sanitation; Affordable and clean energy	Industry, Innovation, and Infrastructure	Sustainable development on global level primarily begins in the region, where it is necessary to include the environmental vision in the economic content of business subjects.

44	[77] Pamucar, D. S., Tarle, S. P., & Parezanovic, T. (2018)	X	X	Logistics	Not specified	X		X	Sustainable cities and communities	Decent work and economic growth	The MAIRCA method is used to select a location for the development of a multimodal logistics centre along the Danube - a good option for classifying alternatives, in theory and practice.
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45	[78] Straka, et al. (2018)	X	X	Logistics	Slovakia	X	X	X	Industry, Innovation, and Infrastructure	Affordable and clean energy	Reducing the impact of the waste incineration process on the environment using a computer simulation method. It adapts, improves the combustion process and achieves the appropriate parameters: heat, steam and also pollution.
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46	[79] Pourjavad, E., & Mayorga, R. V. (2018)	X	X	Logistics	Not specified	X	X	X	Partnerships for the goals	Sustainable cities and communities	Based on the models, it was found that the choice of an external provider of logistics services in the direction of sustainability is influenced by cost and environmental criteria over social ones.
47	[80] Cao, C. (2018)	X	X	Logistics	China	X		X	Affordable and clean energy; Industry, Innovation, and Infrastructure	Sustainable cities and communities	Using efficiency model regarding to investment can be used in the logistics industry in cities in the way of sustainability, where geographical location and environmental has advantage for greater efficiency.
48	[81] Averkyna, M. F., & Shulyk, Y. V. (2018)	X		Logistics	Ukraine	X			Reducing inequalities	Sustainable cities and communities	Decentralization and coordination of financial logistics flows at the local level would increase the sustainable development of urban areas, as it would improve local operations.

49	[82] Dembińska, I., Jedliński, M., & Marzantowicz, L. (2018)	X	Logistics	National (and EU regulations)	X	Partnerships for Sustainable cities the goals and communities	In natural disasters, logistical support is very important in rescue operations. The use of the ecological footprint, which leads to the protection of the environment and sustainable development, draws attention to the specifics of each realistic situation of this kind.
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50	[83] Chen et al. (2018)	X	X	Supply chain	China	X	Partnerships for Sustainable cities and communities	The choice of suppliers also affects sustainable development, so a special approach is used. The proposed model combines a combination, which explains the interrelationships between the recipients and a specific assessment of each of them. The presented model is effective for both the management structure and the sustainable supply chain.
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51	[84] Andalib Ardakani, D., & Soltanmohammadi, A. (2018)	X	X	Supply chain	Iran	X	X	X	Affordable and clean energy; Reducing inequalities; Responsible consumption and production; Partnerships for the goals	Sustainable cities and communities	Green products are one of the factors for success and accelerate the development of a sustainable supply chain. The point is that the emphasis is already on raw materials so that they can be recycled, thus less polluting the environment, optimal use of energy, social responsibility and commitment. Primarily knowledge is required.
52	[85] Stranieri et al. (2018)	X	X	Supply chain	International (Europe)		X	X	Partnerships for the goals	Decent work and economic growth; Sustainable cities and communities	Corporate social responsibility improves relations in the supply chain through increased vertical coordination (feedback, adoption of standards, discussions, impacts, etc.) and in the integration of environmental policy.

53	[86] Sreekumar, V., & Rajmohan, M. (2018)	X	X	Supply chain	India	X				Responsible consumption and production	Sustainable cities and communities	Methods, criteria and choice of sustainability strategies (integrated approach, structured, flexible) in production supply chains for decision makers.
54	[87] Bastas, A., & Liyanage, K. (2018)	X	X	Supply chain	International	X	X	X		Decent work and economic growth	Sustainable cities and communities	ISO 9001 strategic management and supply chain integration with the bottom line of sustainability for: integration, improvement, measurement through tools, management framework for management, management and quality performance towards sustainability.

55	[88] Patidar, R., Agrawal, S., & Pratap, S. (2018)	X	X	Supply chain	India	X	Decent work and economic growth	Sustainable cities and communities	It is necessary to reform the traditional supply of agricultural fresh food into a sustainable supply chain by improving the economy, setting goals and measuring performance, issuing recommendations to managers, guidelines for researchers, and agricultural policy makers. Help through TOWS analysis (threat, opportunity, weakness, strength).
56	[89] Zhang et al. (2018)	X	X	Supply chain	Not specified (Literature review)	X	Decent work and economic growth; Reducing inequalities	Sustainable cities and communities	Network density encourages knowledge and thus innovation when it is high or low, but when the network density is moderate, the impact is smaller, so network density is important for the sustainable development of the supply chain.



57	[90] Mirghafoori, S. H., Morovati Sharifabadi, A., & Karimi Takalo, S. (2018)	X	X	Supply chain	Iran	X	X	X	Good health and well-being for people	Sustainable cities and communities	Service activity (including hospitals) is important for generating GDP. Sustainable hospital supply chains can be improved by combining and emphasizing certain concepts. For example: capacity, management, resources, etc.
58	[91] Tong, Y., & Li, Y. (2018)	X	X	Supply chain	Not specified (Literature review)	X		X	Decent work and economic growth; Partnerships for the goals	Sustainable cities and communities	The subsidy can be external from the state or internal among stakeholders in the supply chain. If it is high enough, companies decide for external, despite certain conditions, otherwise the funds of partners are used, which also brings positive results in the direction of sustainability. It is necessary to be aware of the importance and help of the state.

59	[92] Patel, A. B., & Desai, T. N. (2018)	X	Supply chain	Not specified (Literature review)	X	X	X	Sustainable cities and communities	Partnerships for the goals	Through the study of the development of a sustainable supply chain in the years from 2001 to 2017 in various fields, where the initial aspect of the treatment of the concept is changed to multi-criteria decision-making and mathematical model of treatment.
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60	[93] Leksono, E. B., Suparno, & Vanany, I. (2018)	X	Supply chain	Indonesia	X	X	X	Good health and well-being for people	Sustainable cities and communities	The concept of sustainable performance measurement of the health care supply chain is still less developed, so balanced indicators are examined where it is found that human resources have the greatest direct impact.
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61	[94] Mishra et al. (2018)	X	Supply chain	India	X	X	Good health and well-being for people; Affordable and clean energy	Sustainable cities and communities	Healthcare seeks to enhance the benefits of practices through sustainable development at all stages from the purchase to the sale of waste. The study explores the impact of sustainable waste management practices in the health sector, where there must be a specific approach due to the prioritization of waste impacts.
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62	[95] Srinita, S. (2018)	X	Supply chain	Indonesia	X			Industry, Innovation, and Infrastructure	Sustainable cities and communities	Information and communication technology is emerging in a positive relationship with sustainable supply chain management. Furthermore the findings of the study also show that information and communication technology mediates the relationship between an efficient supply chain system and sustainable supply chain management.
63	[96] Hamdan, K. H. (2018)	X	Supply chain	International	X	X	X	Clean water and sanitation; Reducing inequalities	Sustainable cities and communities	Despite the efforts of water-related projects and plans to achieve a sustainable supply chain, no positive effects were identified in reality regarding water management.

64	[97] Dong et al. (2019)	X	X	Logistics	Beijing (China)		X	X	Industry, Innovation, and Infrastructure	Sustainable cities and communities	The underground logistics system can help improve urban transport and logistics, which leads to sustainable cities.
65	[98] Mesjasz-Lech, A., & Michelberger, P. (2019)	X	X	Logistics	International	X		X	Responsible consumption and production	Sustainable cities and communities	Because of the change of environmental impacts, the way of managing recyclable raw materials is changing (waste management, waste logistics). This affects in sustainability.
66	[99] Lee, C. K., Zhang, S., & Ng, K. K. (2019)	X	X	Logistics	National	X		X	Industry, Innovation, and Infrastructure	Sustainable cities and communities	Logistics inside plant in the process of washing dishes, striving for management and optimization of the workforce, which leads to background of environmental awareness and sustainability.

67	[100] Boonlua, S. (2019)	X	X	Logistics	Thailand	X			Industry, Innovation, and Infrastructure	Decent work and economic growth	Technology also in logistics companies enables a competitive advantage, economic growth, increases the qualification of employees and with that growth for the sustainable development of such companies.
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68	[101] Milewska, B. (2019)	X		Logistics	Poland	X	X	X	Industry, Innovation, and Infrastructure	Partnerships for the goals	There are different models of e-business in the case of clothing, among them there are certain differences, some achieve ecological, economic and social goals, also due to the compromise-further studies are needed towards sustainability.
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69	[102] Russo, F., & Pellicano, D. S. (2019)	X	Logistics	Italy (Calabria)	X	X	X	Partnerships for the goals	Sustainable cities and communities	City logistics rules must follow sustainable development, including in planning. All too often, urban transport has a negative impact on sustainable development.
70	[103] Pongpanit, P., & Sornsaruht, P. (2019)	X	Logistics	Thailand	X	X		Industry, Innovation, and Infrastructure	Sustainable cities and communities	The cost of logistics is in average 11% of GDP, while in Thailand, it is 14% and with study they found that they should invest more in the education system for the transport and logistics sector. This would also increase the use of technology, innovation and the level of services.

71	[104] Asian, S., Hafezalkotob, A., & John, J. J. (2019)	X	X	Supply chain	International	X	X	X	Decent work and economic growth; Reducing inequalities; Partnerships for the goals	Sustainable cities and communities	Smaller organic growers in developing countries should form cooperatives in order to achieve economies of sharing / sharing of certain resources. The supply chain would be more optimized, streamlined production, logistics, more affordable, because they would have certain costs in common and share them, and this is also a way of sustainable development.
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72	[105] Cole, R., & Aitken, J. (2019)	X	X	Supply chain	Not specified (Literature review)	X	X	Reducing inequalities; Partnerships for the goals	Sustainable cities and communities	Socially responsible purchasing allows you to choose the right supplier, where they must show a commitment to sustainability, the introduction of improvements after corrective action. Sustainability targets need to be aligned already in the pre-selection to reduce risk.
73	[106] Mair, S., Druckman, A., & Jackson, T. (2019)	X	X	Supply chain	International	X	X	Decent work and economic growth; Partnerships for the goals	Sustainable cities and communities	Paying higher wages in global supply chains is a good but not a sufficient step towards achieving the goals of sustainable development. A higher standard also affects environmental protection.

74	[107] Jawaad, M., & Zafar, S. (2019)	X	X	Supply chain	Pakistan	X	X	Reducing inequalities	Sustainable cities and communities	In the textile industry, investments increase competitiveness, performance and in this way they can transform the usual supply chain into green supply chain management, where cooperation with suppliers and customers is particularly exposed.
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75	[108] Fantasy, K., & Tipu, S. A. (2019)	X	X	Supply chain	Pakistan	X		Quality education; Reducing inequalities	Sustainable cities and communities	The research is focused on supply chain and logistics managers. It has been found that the development of knowledge and culture of competitiveness will be more focused on performance in general than on the sustainable management of supply chains in organizations in Pakistan.
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76	[109] Sherafati et al. (2019)	X	X	Supply chain	Not specified (Literature review)	X	X	X	Affordable and clean energy; Decent work and economic growth; Reducing inequalities; Responsible consumption and production	Sustainable cities and communities	Sustainable development can help build a low-carbon, high-growth global economy and ensure people's well-being through a model, while maximizing profits, using green facilities, enabling the development of less developed regions, using sustainable logistics systems (environmentally, more cost-effective).
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77	[110] Yakavenka et al. (2019)	X	X	Supply chain	International	X	X	X	Reducing inequalities	Sustainable cities and communities	Compromises between the three aspects of sustainability are important. For example in fruit is important both the time from start to finish in the supply chain as well as the cost and all this leads to sustainability.
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78	[111] Al-Nory, M. T. (2019)	X	X	Supply chain	Not specified (Literature review)	X	X	Affordable and clean energy	Sustainable cities and communities	The goal of sustainable development is achieved through favourable and clean energy and through the reduction of energy fluctuations (also through various architectures). The integration of renewable energy sources leads to the fulfilment of sustainable measures in the electricity networks. The optimal plan of operation of the supply chain is to achieve energy change at minimal cost.
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79	[112] Elias Mota et al. (2019)	X	X	Supply chain	International	X	X	X	Responsible consumption and production	Reducing inequalities	Sustainability reporting is a tool for assessing a company's sustainability and is based on a product life cycle assessment. Due to different methods of life cycle impact assessment and thus data we have different environmental and economic strategies, but also cultural perspectives are different, models. Try to improve this gap between strategy and sustainable reporting.
80	[113] Wu, A., & Li, T. (2019)	X	X	Supply chain	China	X	X	X	Industry, Innovation, and Infrastructure	Quality education; Partnerships for the goals	Specific investments accelerate the growth of green innovation, but knowledge (and its transfer) is also important,

implementation and stakeholders that the partners are socially responsible to make this happen as they act as moderators.

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81	[114] Zhuo, N., & Ji, C. (2019)	X	X	Supply chain	China		X	Partnerships for the goals	Sustainable cities and communities	Sustainability in the pig farming supply chain encourages close stakeholder cooperation and capacity building of key companies.
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82	[115] Alexander, A., & Delabre, I. (2019)	X	Supply chain	International	X	X	X	Reducing inequalities	Sustainable cities and communities	Sustainable supply chain management and performance measurement to achieve sustainability goals, which are set globally, but implementation itself depends on different speeds. Every nation has different influences, where politics and the economy play an important role, and all too often one dimension develops at the expense of another. Example: economic at the expense of the environment.
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83	[116] Aliakbari Nouri, F., Shafiei Nikabadi, M., & Olfat, L. (2019)	X	X	Supply chain	Not specified		X	X	Decent work and economic growth	Sustainable cities and communities	A sustainable supply chain of services can be built through management processes where the emphasis is: sustainable supplier, employee, customer, sustainable service delivery, sustainable service activities, external relations and knowledge, information and technology.
84	[117] Delabre, I., Alexander, A., & Rodrigues, C. (2019)	X	X	Supply chain	International (Brazil, United Kingdom)	X	X	X	Life on land; Peace, justice and strong institutions	Sustainable cities and communities	Two stakeholders in the supply chain use different strategies, sustainability frameworks.



They use power dynamics that can shape the processes and results of sustainable strategies as they want to advance the goals of their organizations. In sustainable development, it is important to define responsibility, including for the protection of tropical forests, regardless of the participating organization in the supply chain.

In the supply chain, special attention needs to be paid to relationships, that's why policy makers should build a relationship with stakeholders with an emphasis on the social and environmental aspects of sustainability. This is also their way to get high image.

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85	[118] Muzaffar et al. (2019)	X	Supply chain	Not specified (Literature review)	X	X	Reducing inequalities; Partnerships for the goals	Sustainable cities and communities
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86	[119] Gaur, A., & Vazquez-Brust, D. A. (2019)	X		Supply chain	United Kingdom	X	X		Decent work and economic growth; Industry, Innovation, and Infrastructure	Sustainable cities and communities	The study identifies key actions which are needed to improve sustainability in the UK construction chain, such as: collaboration, training, transparency, research, employee development and the team. The insights can also be applied in other industries.
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87	[120] Rosado, L., & Kalmykova, Y. (2019)		X	Supply chain	Sweden	X	X	X	Decent work and economic growth	Sustainable cities and communities	The development goes in the direction of adapting the industrial symbiosis with the concept of sustainable supply chain management for urban areas where economic clusters would be formed.
											They would connect several product supply chains, where certain resources and infrastructure could be exchanged together.
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88	[121] Mehrjerdi, Y. Z., & Lotfi, R. (2019)	X	Supply chain	Iran	X	X	X	Decent work and economic growth	Sustainable cities and communities	The sustainability goals addressed by the research in the automotive industry in Iran include: reducing costs, CO2 and energy emissions, and increasing employment. Capacities are flexible, adaptable to different scenarios.
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89	[122] Jernsittiparsert, K., Pintobtang, P., & Jumnianpol, S. (2019)	X	Supply chain	Thailand			X	Sustainable cities and communities	Affordable and clean energy; Partnerships for the goals	The sustainable development goals contribute directly and indirectly to the promotion of green environmental production and have a significant impact on environmental performance. The mediating role is also important.
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90	[123] Yudhia Kurniawan, B. P., Sundari, S., & Wardat, I. (2019)	X	Supply chain	Indonesia	X	X	Decent work and economic growth; Industry, Innovation, and Infrastructure	Sustainable cities and communities	Factors that contribute to a sustainable competitive advantage are: management orientation, customer type level, and marketing execution. Innovation affects market performance, but it does not affect sustainable competitive advantage, but in conjunction and with the help market performance, the indirect effect of innovation on sustainable competitive advantage is important.
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91	[124] Setiawan et al. (2019)	X	Supply chain	Indonesia	X		X	Clean water and sanitation; Affordable and clean energy; Responsible consumption and production	Sustainable cities and communities	Indonesia needs to make more use of natural resources and thus increase funding as a source of funding for: the introduction of special solar savings banks and all the necessary technology for greater sustainable development.
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92	[125] Varchenko et al. (2019)	X	Supply chain	Ukraine	X	X		Reducing inequalities	Partnerships for the goals	Development must be based on scientific, balanced development and the strengthening of implementation towards sectoral and territorial / agricultural and rural development. Complementarity leads to greater sustainable development in the direction of agriculture.
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93	[126] Xu, X. L., & Chen, Y. J. (2020)	X	X	Logistics	China	X	X	Affordable clean energy	and	Responsible consumption and production	Biomass power plants should choose their location sensibly due to the high logistics costs for straw recycling, which are as much as 44,35%. It is necessary to choose the right partners and pay attention to the method of planting straw.
94	[127] Lv et al. (2020)	X	X	Logistics	China	X		Responsible consumption and production	and	Sustainable cities and communities	The steel logistics park enables: greater rationalization, better overview, greater transparency of the process and determination of more frequent products.
95	[128] Khan et al. (2020)	X	X	Logistics	Pakistan		X	Quality education		Sustainable cities and communities	Education can bring sustainable development in humanitarian logistics, because mentioned logistics operates under emergency conditions.

96	[129] Ostapenko et al. (2020)	X		Logistics	Ukraine	X	X	X	Affordable clean energy	and Industry, Innovation, Infrastructure; Responsible consumption and production	Use of new technologies in the concept of green logistics and sustainable development with the aim of greater energy and economic efficiency.
97	[130] Nguyen, H. P. (2020)		X	Logistics	Vietnam	X			Reducing inequalities	Decent work and economic growth; Industry, Innovation, and Infrastructure; Sustainable cities and communities	Logistics industry in Vietnam is still at the beginning. But international economic integration and the industrial revolution 4.0 could have an impact on the Vietnamese logistics market.
98	[131] Russo et al. (2020)		X	Logistics	Italy (Calabria)	X	X	X	Affordable and clean energy; Climate actions	Sustainable cities and communities	Policy in Calabria is all directed towards to the goal of sustainable development with a purpose to have zero-emission urban logistics in the future.

99	[132] Grabara, J., Dabylova, M., & Alibekova, G. (2020)	X	Logistics	International (Commonwealth Community)	X	X	Peace, justice and strong institutions	Sustainable cities and communities	The state of logistics and legal norms are being studied. Logistics management should contribute to the protection of environmental and social sustainability, because the number of customers which are supporting social responsible companies is growing.
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100	[133] Zimon, D., Tyan, J., & Sroufe, R. (2020)	X	X	Supply chain	International	X	X	X	<p>No poverty; Zero hunger; Good health and well-being for people; Quality education; Gender equality; Clean water and sanitation; Affordable and clean energy; Decent work and economic growth; Industry, Innovation, and Infrastructure; Reducing inequalities; Sustainable cities and communities; Responsible consumption and production; Climate actions; Life below water; Life on land; Peace, justice and strong institutions; Partnerships for the goals</p>	<p>Sustainable cities and communities</p>	<p>Supply chains will become increasingly complex and will require the cooperation of management and the entire supply chain. In the future, performance should be in line with the 17 Sustainable Development Goals (according to the United Nations).</p>
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101	[134] Ilyas, S., Hu, Z., & Wiwattanakornwong, K. (2020)	X	X	Supply chain	Pakistan	X	X	X	Sustainable cities and communities; Partnerships for the goals	Sustainable cities and communities	Achieving the goals of sustainable development in small and medium-sized companies can be achieved through: the support of the state, company management and the community, where state cooperation strengthens relations between stakeholders in adopting green practices.
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102	[135] Akbarian-Saravi, N., Mobini, M., & Rabbani, M. (2020)	X	X	Supply chain	International	X	X	X	Affordable and clean energy	Responsible consumption and production	Designing an efficient bioethanol supply chain is important because it is more environmentally / socially acceptable energy source. Bioethanol is more expensive than fossil fuels. Because of that is important that adequate distribution of ethanol reduces overall costs, although on the other hand the positive impact on the environment / society needs to be taken into account. It relies on efficient management, subsidies, use of models to optimize distribution.
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103	[136] Mastrocinque et al. (2020)	X	X	Supply chain	International	X	X	X	Affordable clean energy	and	Sustainable cities and communities	The research is focused on the sustainable development of the supply chain in the renewable energy sector, where several decision criteria are used to select suitability, such as: location, prosperity, development. Example: Seven European countries have most of their photovoltaic capacity.
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104	[137] Shan, H., Li, Y., & Shi, J. (2020)	X	X	Supply chain	China	X			Industry, Innovation, and Infrastructure	and	Sustainable cities and communities	Joint innovations in the supply chain market have a significant indirect impact on sustainable supply. It is necessary to define: how to participate in innovation, promote chain capacity and improve overall sustainability
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106	[138] Kalpande, S. D., & Toke, L. K. (2020)	X	X	Supply chain	India	X	X	Reducing inequalities	Sustainable cities and communities	The management of the green supply chain in India is hampered: a lack of commitment from top management, inadequate acceptance of reverse logistics, the government should have more influence on producers, etc.
107	[139] Zhou, M., Govindan, K., & Xie, X. (2020)	X	X	Supply chain	China	X	X	Quality education; Decent work and economic growth; Industry, Innovation, and Infrastructure	Sustainable cities and communities	It is important for the environment to involve the entire supply chain. Knowledge exchange plays a key role in achieving green innovation, the size of the company also has a positive effect on green innovation and thus on greater competitiveness and the ability to achieve SDGs.

108	[140] Centobelli, P., Cerchione, R., & Esposito, E. (2020)	X	X	Supply chain	International (Germany, United Kingdom and Italy)			X	Industry, Innovation, and Infrastructure	Sustainable cities and communities	The logistics services of European providers differ in the level of management and technology strategy and thus have a different impact on the development of environmental sustainability strategies.
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109	[141] Sherafati et al. (2020)	X	X	Supply chain	Not specified (Literature review)	X	X	X	Affordable and clean energy; Decent work and economic growth	Sustainable cities and communities	The optimization of carbon policy rules is being considered, depending on the area where high growth can create a low-carbon economy and almost global wellbeing. A company can alone accept the best sustainable decisions.
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110	[142] Jouzdani, J., & Govindan, K. (2020)	X	Supply chain	International	X	X	X	Zero hunger; Affordable and clean energy; Decent work and economic growth; Responsible consumption and production	Sustainable cities and communities	Supply chain management is used for perishable goods and goes in the direction of sustainable development, also with the help of a mathematical optimization model. The results showed that if decision-makers significantly reduce the environmental and social impacts of the supply chain, this means that does not threaten from an economic point of view.
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111	[19] Cai, Y., & Choi, T. (2020)	X	Supply chain	Not specified (Literature review)	X	X	X	Responsible consumption and production	Reducing inequalities; Sustainable cities and communities	It is evident from the studied literature that the current sustainable business in the field of textiles is more in line with the social and environmental aspects than with the economic goal. The aim is to balance measures for sustainable development.
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112	[143] Hasan, H. (2020)	X	Supply chain	International	X	X	Decent work and economic growth	Sustainable cities and communities; Responsible consumption and production	Logistics and supply chain management have been key factors in gaining a competitive advantage for companies. This means that sustainable supply chain management can respond to different points of view, for example: diversity of beliefs (regarding knowledge, profession, religion, etc.). The importance of communication is emphasized.
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113	[144] Abadi, T. W., Umar Balahmar, A. R., & Choiriyah, I. U. (2020)	X	Supply chain	United States of America	X	X	X	Peace, justice and strong institutions; Partnerships for the goals	The development of sustainable eco-tourism is influenced by several factors. Most collaboration with the community. Public relations has the least impact.

114	[145] Chandra, D., & Kumar, D. (2020)	X	Supply chain	India	X	X	X	Good health and well-being for people	Sustainable cities and communities	In particular, the immunization program raises awareness of the importance of vaccination in order to achieve a sustainable development mission of this program, which can be enhanced by performance indicators where learning, growth and internal processes have a positive impact.
115	[146] Kongtana et al. (2020)	X	Supply chain	Indonesia	X	X		Good health and well-being for people	Sustainable cities and communities	It is important for policy makers in the banking sector to focus on their human resources in order to gain a competitive advantage and sustainability.

116	[147] Martoyo, M., Elyta, E., Herlan, H., & Arifin, S. (2020)	X	Supply chain	Indonesia	X	X	Partnerships for the goals	Reducing inequalities	To overcome the lack of services of the government apparatus in the service of the community, the concept of the service apparatus is harmonized with the vision of a mental revolution, which emphasizes work ethic and the spirit of mutual cooperation.
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