



INTERNATIONAL
ACADEMY for
QUALITY



iLTT
LOGISTICS
INTERNATIONAL ACADEMY FOR QUALITY

QiLTT – Quality in Logistics

(1st Meeting- Online, April 28th, 2022)

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1. Initiative to establish Q iLTT – Quality in Logistics

During the 19th/20th October 2020 IAQ virtual meeting and, among other things, one of conclusions told to consider the possibility and need to establish another think tank in addition to the existing ones.

I submit an initiative to establish the “IAQ Quality in Logistics TT” (QiLTT).

In August 2021 the Initiative was accepted and QiLTT was established.

IAQ – QiLTT Members:

1. Ayed T. Alamri – Saudi Arabia
2. Juhani Anttila – Finland
3. Grace D. Brannan – USA
4. Catherine Y. P. Chan – Hong Kong China
5. Elizabeth A. Cudney – USA
6. Pál Molnar – Hungary
7. Hesameddin Aref Kashfi – Iran
8. Pedro M. Saraiva – Portugal
9. Miroslav Drljača – Croatia
10. Luca Urciuoli – Sweden

2. Mission

IAQ QiLTT's Mission is:

- Aimed at producing relevant contributions related with alternative approach to understanding global phenomena such as **LOGISTICS**, for the future development.
- Define the role of **QUALITY** in each of logistic areas with a focus on bringing knowledge and creating useful outputs to promote prosperity, freedom, safety and democracy for all the people of the world.

3. Definition

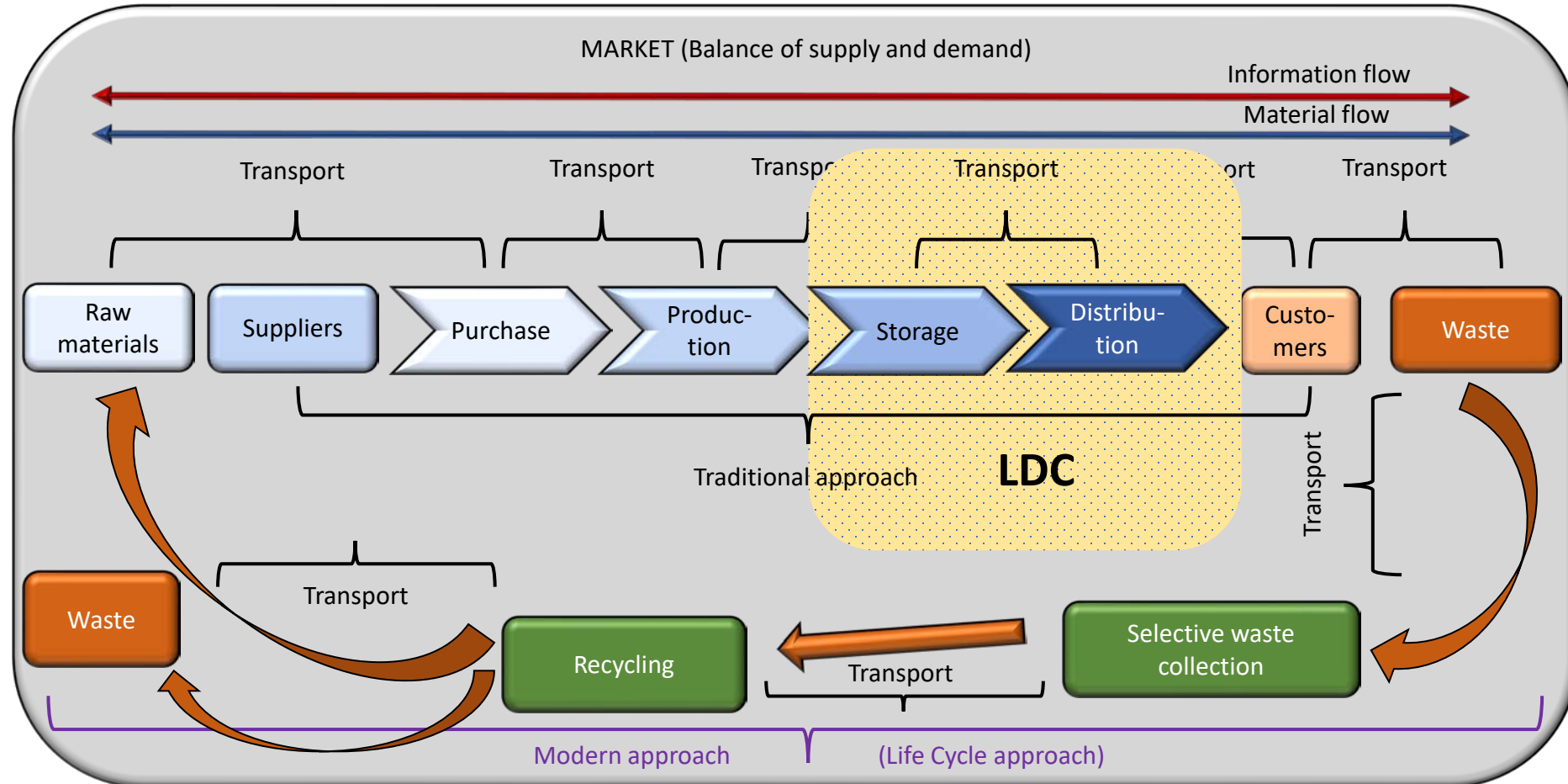
LOGISTICS is an activity that deals with mastering space and time at the lowest cost.

In modern conditions, **LOGISTICS** is most often used to denote a business function and a scientific discipline that deals with the coordination of all movements of materials, products and goods in physical, informational and organizational terms.

As **LOGISTICS** is one of the fundamental occupations of the future, the fact that the EU has declared the development of logistics one of the most promising sectors proves it.

LOGISTICS = Material management + Distribution
Supply Chain = Suppliers + **LOGISTICS** + Customers

Fig. 1. Supply Chain display



Source: Own research.

4. Scope

LOGISTICS is a very broad area and has a complex structure:

- supply chains,
- procurement (purchase),
- production,
- storage,
- distribution,
- retail,
- traffic and transport,
- reverse logistics,
- waste management,
- cost management,
- organization,
- information management,
- circular economy,
- Human resources management,
- quality management,
- safety management,
- risk management, etc.

LOGISTICS activities and SCs should not be completely disrupted as this would cause at least the following negative consequences for the whole world:

- shortage of certain vital products (food, fuel, water, utilities, energy, etc.),
- shortage of medical equipment and medicines which would make it difficult to fight COVID-19 disease,
- development of the black market with all the consequences,
- an increase in crime at the global level,
- global inflation,
- job loss around the world,
- additional environmental pollution,
- widening the gap between rich and poor,
- social unrest around the world,
- conflicts, in extreme cases wars (struggle for resource control),
- strong deformation of the value system of the democratic world, etc.

5. Goals

- A holistic approach to researching the phenomenon of logistics on a global scale.
- Research on the implementation of quality management principles in **LOGISTICS**.
- Consideration of **LOGISTICS** as a separate issue (or discipline) but as part of a broader Socio-Economic-Human (SEH) entity that should now be understood as a global network.
- Creating new innovative ideas, models, and practices and not just the repetition of old ideas.
- Modern **LOGISTICS** should first be considered as a whole and then, in that context (aspects of pandemic, some regional conflict, a specific natural disasters, etc) should be considered as an examples.
- The contribution of science and the promotion of core values of IAQ and United Nations Global Compact principles.
- Offer an alternative approach to understanding global phenomena such as **LOGISTIC**, for the future development. Define the role of quality in each of these **LOGISTIC** areas with a focus on bringing knowledge and creating useful outputs.

6. Values and principles

- The IAQ Quality in Logistics TT has points of contact with the existing TTs within the IAQ.
- IAQ Quality in Logistics TT fully respects and is in line with the purpose of IAQ and is based on the core values of IAQ.
- Advocating for the implementation of United Nations Global Compact principles and connection to United Nations Sustainability Development Goals.

7. Mode of operation

1. Virtual and live contact meetings of IAQ QiLTT members once in two months and thematic discussion on certain aspects of **LOGISTICS** as a phenomenon. Each time the introductory speech and presentation has one or two members after which a discussion takes place and conclusions are drawn.
2. Joint scientific research and publication of scientific papers.
3. Publishing a brochure, each year for the previous year, on the state, role, weaknesses and quality of logistics in the world or some part of the world.
4. Collaboration with all other TTs operating within the IAQ.
5. Work reporting of IAQ QiLTT activities at General IAQ meetings and proposing conclusions.

8. Conclusion

Global **LOGISTICS** problems:

- exposure and vulnerability (Ever Given, geopolitics, pandemic, etc.),
- length of Supply Chains,
- many participants of different interests,
- resources management (raw materials, supplies, HR, etc.)
- imbalance of supply and demand,
- price growth, inflation,
- shortages of strategic products,
- changing some concepts of quality (Just in Time, customer requirements, etc.),
- without **LOGISTICS** there are no Supply Chains.

How quality can help?

Next steps:

- MoM
- GM in May 19th, 2022 in Anaheim, CA USA,
- Web page,
- Election of the co-chair,
- Newsletter (invitation to all members).

Thank you for kind attention!

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