



The International Maritime Transport and Logistics Conference

"MARLOG 13"

Smart Green Blue Infrastructure



3-5 March 2024 - Alexandria, Egypt







The International University of Logistics and Transport in Wroclaw



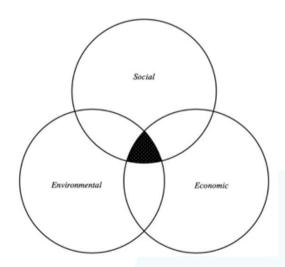
A PATH TO ENVIRONMENTAL AND ECONOMIC EFFICIENCY





Sustainable development concept

Sustainable development is a development that meets the present without compromising the ability of future generations to meet their own needs.



according to

Model of Sustainability

Sustainable Development Goals

A document created by the UN General Assembly in 2015 called the "2030 Agenda for Sustainable Development" contains the Sustainable Development Goals (SDGs).

Of the 17 SDGs listed in this Agenda, the following goals may address logistics issues:

7 AFFORDABLE AND TO CHEAN ENERGY

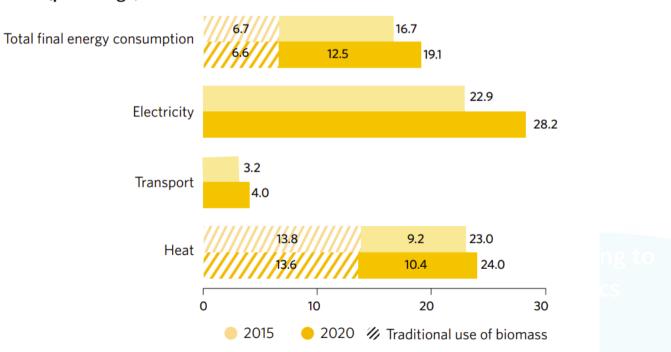
SDG-7 Affordable and clean energy
SDG-11 Sustainable cities and communities
SDG-12 Responsible consumption and production





SDG-7 Affordable and clean energy

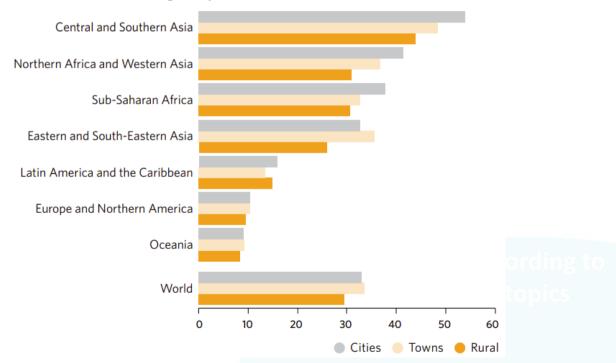
Share of renewable sources in final energy consumption and by end use, 2015 and 2020 (percentage)



Share of renewable sources in final energy consumption and by end use, 2015 and 2022 Source: UNSTATS (2023)

SDG-11 Sustainable cities and communities

Population-weighted particulate matter (PM_{2.5}) concentrations in cities, towns and rural areas, 2019 (micrograms per cubic metre)

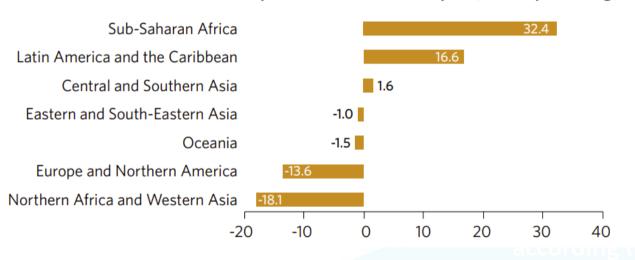


Source: UNSTATS (2023)



SDG-12 Responsible consumption and production

Excess of domestic material consumption over material footprint, 2019 (percentage)



Source: UNSTATS



Sustainable Logistics

Sustainable logistics is defined as supply chain management practices and strategies that reduce the ecological and energy footprints of the distribution of goods which focuses on material handling, waste management, packaging and transport

Logistics is a crucial component of the supply chain, yet it is a significant contributor to air pollution. Transportation is a key operational aspect of logistics and is responsible for 24% of global CO2 emissions



according to topics



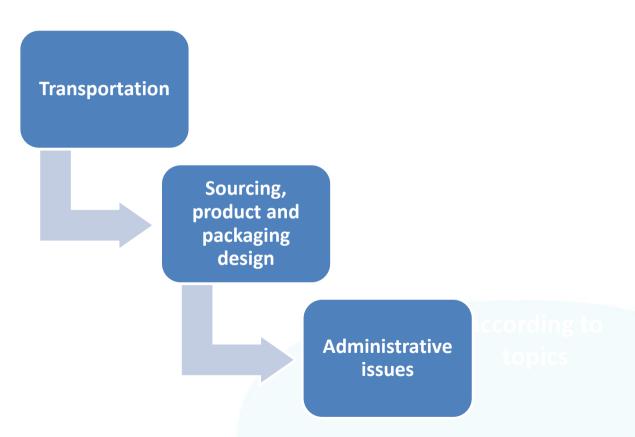
Green logistics practices in value creation perspective

VALUE CREATION PERSPECTIVE	
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Thank You

