## Multi-year Expert Meeting on Transport, Trade Logistics and Trade Facilitation 11th Session

## **Maritime Transport in Times of Polycrisis**

23-24 October 2024, Geneva

# Harnessing sustainable and resilient transportation systems and logistics for food security

Presentation By

Frida Youssef

**UNCTAD** 

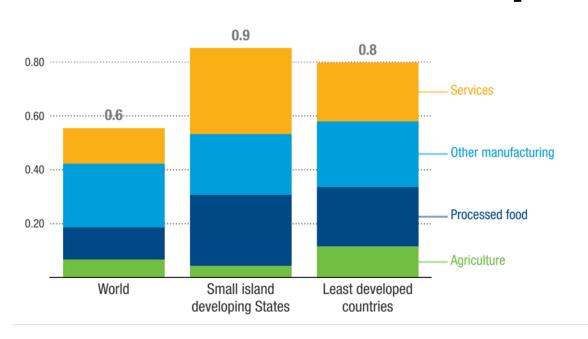
This expert paper serves as background and reading material. It is reproduced by the UNCTAD secretariat in the form and language in which it has been received. The views expressed are those of the author and do not necessarily reflect the views of the UNCTAD.

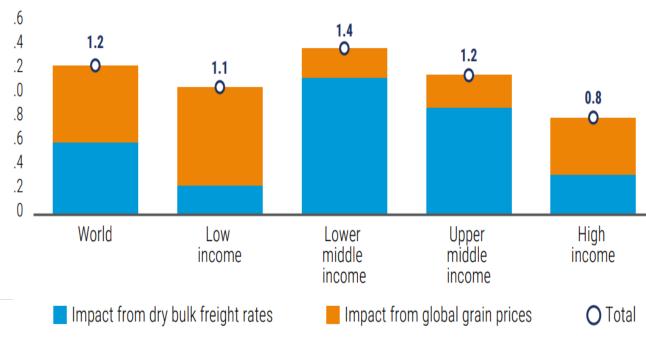




# Impact of maritime disruptions on consumer and food prices







UNCTAD calculations, based on data provided by Clarksons Research, Shipping Intelligence Network and Maritech Services Limited, Sea.

Impact of higher freight rates and grain prices on consumer food prices (Percentage increase)

The simulation concluded that global consumer price levels will increase by **0.6 per cent** by around the end of 2025 due to the Red Sea crisis and the Panama Canal disruption

UNCTAD estimates that **global consumer food prices** rose by **1.2%** due to disruption-induced shipping cost increases, with greater impacts in middle- and low-income countries.





Harnessing trade policy and transport and logistics to build sustainable and resilient food supply chains in the Caribbean and the Arab region

### **Background**

- Challenges arising from the triple crises of food, energy, and finance
- ▶ Accelerated by the disruptions caused by the COVID-19 pandemic, heighted geopolitical risks, intensified climate risks and growing financial constraints and debt burdens in developing regions

#### Aim

To strengthen the capacities of selected countries to leverage **trade policy measures** and harness **transport and logistics** to be better prepared for and respond to **supply chain disruptions** and build **sustainable and resilient food supply chains** 

#### **Beneficiaries**

- ▶ Caribbean region: Barbados, Trinidad and Tobago
- ▶ Arab region: Lebanon, Morocco

Phase 1

 Assess the current state of food trade and transport and logistics systems and put forward context-specific recommendations and solutions.

Phase 2

 Build capacities in support of implementing selected recommendations identified in Phase 1

Phase 3

 Expand regional cooperation the field of sustainable and resilient food trading and food transport and logistics systems, and strengthen collaboration through platforms, mechanisms, and distance learning



# UNCTAD's 4-year project on food security and logistics



Harnessing trade policy and transport and logistics to build sustainable and resilient food supply chains in the Caribbean and the Arab region

#### **Timeline**

Output #	Expected time to complete outputs																
	Year 1				Year 2				Year 3				Year 4				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
OP1.1																	
OP1.2																	
OP1.3																	
OP2.1																	
OP2.2																	
OP2.3																	
OP3.1																	
OP3.2																	
OP3.3																	
OP 3.4																	
	OP1.1 OP1.2 OP1.3 OP2.1 OP2.2 OP2.3 OP3.1 OP3.2 OP3.3	Q1 OP1.1 OP1.2 OP1.3 OP2.1 OP2.2 OP2.3 OP3.1 OP3.2 OP3.3	Q1 Q2 OP1.1 OP1.2 OP1.3 OP2.1 OP2.2 OP2.3 OP3.1 OP3.2 OP3.3	Q1 Q2 Q3  OP1.1  OP1.2  OP1.3  OP2.1  OP2.2  OP3.1  OP3.2  OP3.3	Q1 Q2 Q3 Q4  OP1.1  OP1.2  OP1.3  OP2.1  OP2.2  OP2.3  OP3.1  OP3.2  OP3.3	Output #         Year 1           Q1         Q2         Q3         Q4         Q1           OP1.1         0P1.2         0P1.3         0P2.1         0P2.2         0P2.2         0P2.3         0P3.1         0P3.2         0P3.2         0P3.3         0P3.4         0P3.4	Output #         Year 1         Year           Q1         Q2         Q3         Q4         Q1         Q2           OP1.1         0P1.2         0P1.3         0P1.3         0P2.1         0P2.2         0P2.2         0P2.3         0P3.1         0P3.2         0P3.2         0P3.3         0P3.4         0P3.4 <td>Output #         Year 1         Year 2           Q1         Q2         Q3         Q4         Q1         Q2         Q3           OP1.1         0P1.2         0P1.3         0P2.1         0P2.1         0P2.2         0P2.3         0P2.3         0P3.1         0P3.2         0P3.2         0P3.3         0P3.4         0P3.4</td> <td>Output #         Year 1         Year 2           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4           OP1.1         0P1.2         0P1.3         0P2.1         0P2.1         0P2.2         0P2.3         0P2.3         0P3.1         0P3.2         0P3.2         0P3.3         0P3.4         0P3.4</td> <td>Output #         Year 1         Year 2           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1           OP1.1         Image: Color of the c</td> <td>Output #         Year 1         Year 2         <th colsp<="" td=""><td>Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3           OP1.1         Image: Color of the col</td><td>Output #       Year 1     Year 2     Year 3       Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4       OP1.1     0P1.2     0P1.3     0P1.3<!--</td--><td>Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1           OP1.1         0P1.2         0P1.3         0P1.3</td><td>Output #         Year 1         Year 2         Year 3         Year 3         Year 3           Q1         Q2         Q3         Q4         Q1         <t< td=""><td>Output #         Year 1         Year 2         Year 3         Year 4           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4</td></t<></td></td></th></td>	Output #         Year 1         Year 2           Q1         Q2         Q3         Q4         Q1         Q2         Q3           OP1.1         0P1.2         0P1.3         0P2.1         0P2.1         0P2.2         0P2.3         0P2.3         0P3.1         0P3.2         0P3.2         0P3.3         0P3.4         0P3.4	Output #         Year 1         Year 2           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4           OP1.1         0P1.2         0P1.3         0P2.1         0P2.1         0P2.2         0P2.3         0P2.3         0P3.1         0P3.2         0P3.2         0P3.3         0P3.4         0P3.4	Output #         Year 1         Year 2           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1           OP1.1         Image: Color of the c	Output #         Year 1         Year 2         Year 2 <th colsp<="" td=""><td>Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3           OP1.1         Image: Color of the col</td><td>Output #       Year 1     Year 2     Year 3       Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4       OP1.1     0P1.2     0P1.3     0P1.3<!--</td--><td>Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1           OP1.1         0P1.2         0P1.3         0P1.3</td><td>Output #         Year 1         Year 2         Year 3         Year 3         Year 3           Q1         Q2         Q3         Q4         Q1         <t< td=""><td>Output #         Year 1         Year 2         Year 3         Year 4           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4</td></t<></td></td></th>	<td>Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3           OP1.1         Image: Color of the col</td> <td>Output #       Year 1     Year 2     Year 3       Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4       OP1.1     0P1.2     0P1.3     0P1.3<!--</td--><td>Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1           OP1.1         0P1.2         0P1.3         0P1.3</td><td>Output #         Year 1         Year 2         Year 3         Year 3         Year 3           Q1         Q2         Q3         Q4         Q1         <t< td=""><td>Output #         Year 1         Year 2         Year 3         Year 4           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4</td></t<></td></td>	Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3           OP1.1         Image: Color of the col	Output #       Year 1     Year 2     Year 3       Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4     Q1     Q2     Q3     Q4       OP1.1     0P1.2     0P1.3     0P1.3 </td <td>Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1           OP1.1         0P1.2         0P1.3         0P1.3</td> <td>Output #         Year 1         Year 2         Year 3         Year 3         Year 3           Q1         Q2         Q3         Q4         Q1         <t< td=""><td>Output #         Year 1         Year 2         Year 3         Year 4           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4</td></t<></td>	Output #         Year 1         Year 2         Year 3           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4         Q1           OP1.1         0P1.2         0P1.3         0P1.3	Output #         Year 1         Year 2         Year 3         Year 3         Year 3           Q1         Q2         Q3         Q4         Q1 <t< td=""><td>Output #         Year 1         Year 2         Year 3         Year 4           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4</td></t<>	Output #         Year 1         Year 2         Year 3         Year 4           Q1         Q2         Q3         Q4         Q1         Q2         Q3         Q4

**Outcome 1** 

 Enhanced knowledge of policymakers and government officials, as well as other relevant stakeholders in target countries and regions, in key policies and priority actions needed to promote sustainable and resilient food trading and transport systems and logistics

**Outcome 2** 

 Enhanced capacity of policymakers and government officials, and other relevant stakeholders in target countries to implement recommendations and priority actions for sustainable and resilient food trading and transport systems and logistics

**Outcome 3** 

Strengthened regional cooperation to support sustainable and resilient food trading and transport/logistics systems.