## Multi-year Expert Meeting on Transport, Trade Logistics and Trade Facilitation:

## Trade Logistics and the 2030 Agenda for Sustainable Development

23-24 October 2017

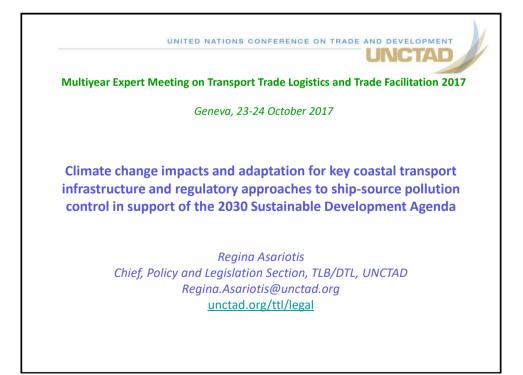
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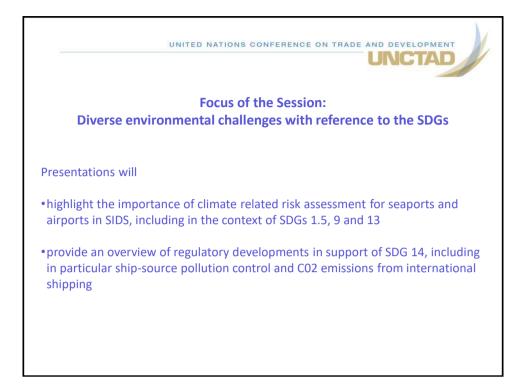
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24 October 2017

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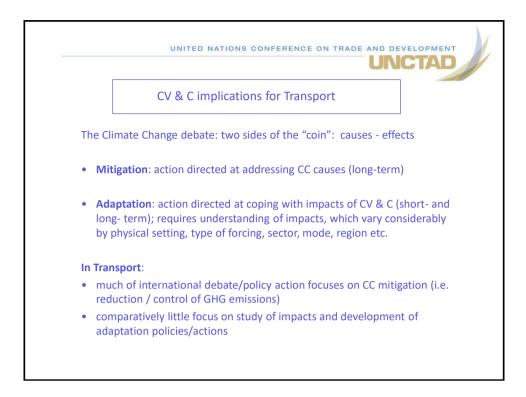


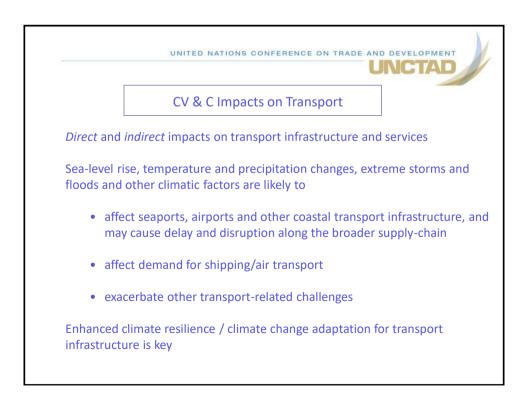


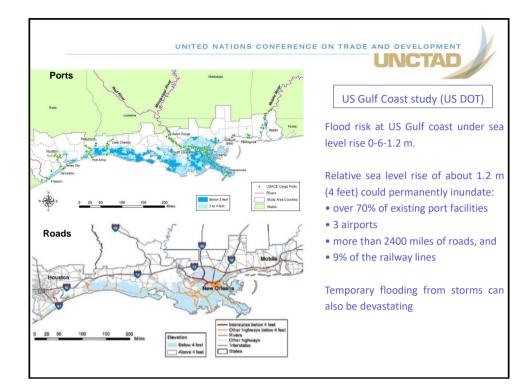
	UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT
Relevance in th	e context of the SDG 2030 Sustainable Development Agenda
2030 Agenda adopt	ed in September 2015, effective as of 1 <sup>st</sup> January 2016
· · · · · · · · · · · · · · · · · · ·	national community on a 'plan of action' involving 17 sustainable development ciated targets, which are ' <i>integrated and indivisible, global in nature and ble</i> '
	lient transport among the cross-cutting issues, of relevance for achievement of of the goals and targets, e.g.
SDG 13	Take urgent action to combat Climate Change and its impacts
SDG 9	<b>Build resilient infrastructure</b> , promote inclusive and sustainable industrialization and foster innovation
SDG 14	<b>Conserve and sustainably use the oceans</b> , seas and marine resources for sustainable development
SDG 1.5	By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate- related extreme events and other economic, social and environmental shocks and disasters

Relevant Sustainable Development Goals (SDGs) and targets				
SDG	Target	Description		
SDG 1	1.5	By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters		
SDG 9	9.1	Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all		
	9a	Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, LDCs, LLDCs and SIDS		
SDG 11	11b	By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, <i>mitigation and adaptation to climate change, resilience to disasters</i> , and develop and implement in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels		
SDG 13	13.1	Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries		
	13.2	Integrate climate change measures into national policies, strategies and planning		
	13.3	Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning		
SDG 14	14.1	By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution		
	14.2	By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans		
	14c	Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 15th of 'The future we want'		

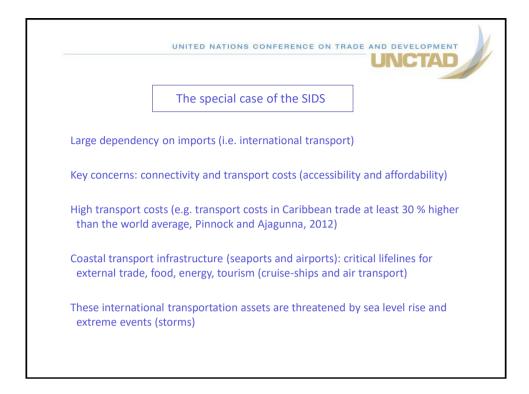
Climate Variability and Change – CV & C
, ,
• A global challenge and "defining issue of our era" (UN SG Ban Ki Moon)
Compelling scientific evidence (IPCC AR5, 2013)
<ul> <li>Huge potential costs associated with inaction (at least 5 % of the Global GDP, annually (STERN Review 2006))</li> </ul>
• A development threat particularly for the Least Developed Countries (LDCs) and the Small Island Developing States (SIDS)
<ul> <li>Since 2008, integration of climate change considerations into UNCTAD's work on transportation</li> </ul>
See <u>unctad.org/ttl/legal</u> for further information

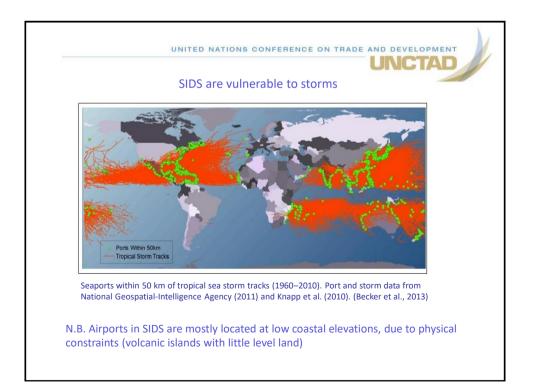


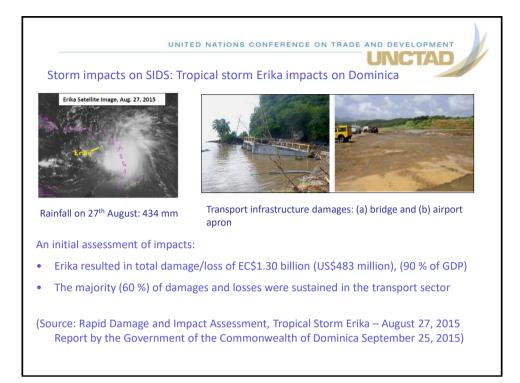




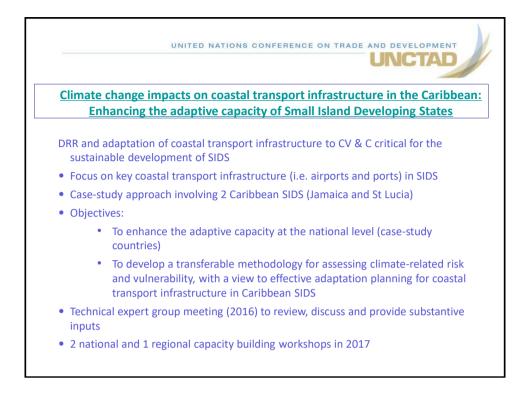
Major climate change impacts on coastal transport infrastructure				
Factor	Impacts			
Sea level (mean and extreme)	Coastal transport infrastructure			
<ul> <li>Mean sea level changes</li> <li>Increased destructiveness of storms/storm surges</li> <li>Changes in the wave energy and direction</li> </ul>	Damages to seaport and airport infrastructure/cargo from incremental and/or catastrophic inundation and wave regime changes; higher infrastructure construction/maintenance costs; sedimentation/dredging issues in port/navigation channels; effects on key transit points; increased risks for coastal road links; relocation of people/businesses; insurance issues			
Precipitation				
• Changes in the intensity and frequency of extremes (floods and droughts)	Seaport, airport, and road infrastructure inundation; damage to cargo/equipment; and vital node damage (e.g. bridges)			
Temperature				
<ul> <li>Higher mean temperatures,</li> <li>Heat waves and droughts</li> <li>Increased variability in temperature extremes</li> </ul>	Damage to infrastructure/equipment/cargo and asset lifetime reduction; higher energy consumption for cooling cargo; changes in transport demand; lower aircraft payloads allowed-need for runway extension			

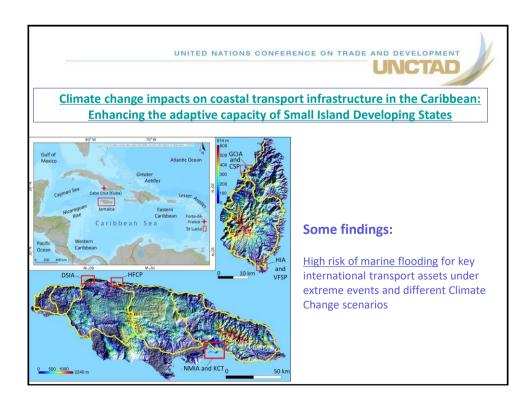


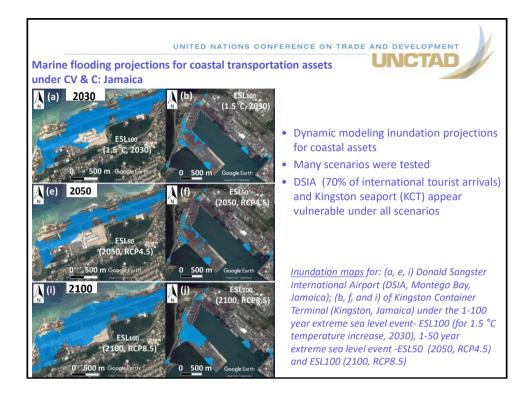


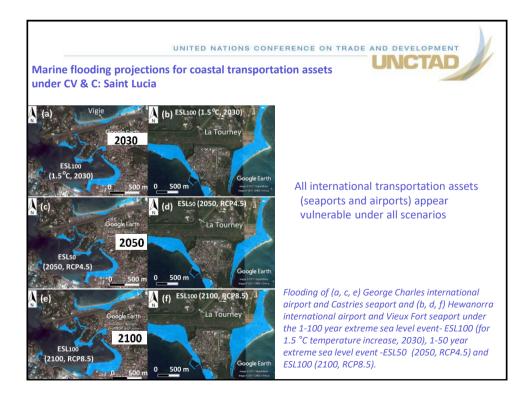














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UNCTAD	D's work on climate change impacts and adaptation for coastal transport
	infrastructure and follow-up
(see further <u>h</u>	ttp://unctad.org/en/Pages/DTL/TTL/Legal/Climate-Change-and-Maritime-Transport.aspx)
2009	UNCTAD Multiyear Expert Meeting: "Maritime Transport and the Climate Change Challenge"
Follow-up	UNCTAD edited multidisciplinary book: <u>Maritime Transport and the Climate Change Challenge</u> UN-Earthscan (Routledge/Taylor&Francis) (2012) 327 pp
2010	Joint UNECE-UNCTAD Workshop:
	"Climate change impacts and adaptation for international transport networks"
Follow-up	UNECE Group of Experts on Climate Change Impacts and Adaptation for International Transport Networks (2011-2014); mandate extended in 2015;
	2012 International Conference - including session on SIDS
	2013 EG Report - Climate Change Impacts and Adaptation for International Transport Networks
2011	UNCTAD Ad Hoc Expert Meeting: "Climate Change Impacts and Adaptation: a Challenge for Global Ports" Academic paper co-published by Experts (2013)
Follow-up	Becker et. al, A note on climate change adaptation for seaports, Climatic Change, 2013
2014	UNCTAD <u>Ad Hoc Expert Meeting</u> : "Addressing the Transport and Trade Logistics Challenges of the Small Island Developing States (SIDS): Samoa Conference and Beyond"
	UNCTAD Multiyear Expert Meeting: "Small Island Developing States: Transport and Trade Logistics Challenges
Ongoing	UNCTAD Port-Industry Survey on Climate Variability and Change
Ongoing	UNCTAD DA Project "Climate change impacts on coastal transport infrastructure in the