



## Pest risk mitigation of sea containers and their cargoes and the facilitation of international trade - defining the way forward

Sofitel Brisbane Central  
Brisbane, Queensland, Australia

Workshop Room – Ballroom Le Grand 3  
Registration, Coffee and Lunch – Lobby 3

July 17-19, 2023

### Preliminary programme

#### Day 1: Monday 17 July

Registration	
Time	Description
08:00-08:45	Registration of participants

Opening and Welcome Moderator: IPPC Secretariat		
Time	Description	Speakers
08:55-09:45	Housekeeping	
	NPPO of Australia (Welcome and introductions)	
	Welcome to Country	
	DAFF Secretary	
	IPPC Secretary (video address)	
09:45-10:15	CPM Chair	Purpose and objectives of the workshop, including CPM Recommendation

10:15-11:00 Session 1: Plant health risks posed by the sea container pathway Moderator: Wendy Asbil (Canadian Food Inspection Agency)		
<i>Objective: Communicate the plant health risks related to the movement of sea containers and their cargoes (CPM R06 objective 1).</i>		
Time	Topic	Speaker/Activity
10:15-11:00	Presentation by the SCFG Data and Risk subgroup on plant health risks related to containers and their cargoes, including their implications, and description of pest contamination.	Sina Waghorn (Ministry for Primary Industries, New Zealand), Rama Karri (Department of Agriculture, Fisheries and Forestry, Australia)
11:00-11:15	Break	

11:15-12:00 Session 2: Estimating the implications of the plant health risks Moderator: Wendy Beltz (U.S. Dept. of Agriculture, APHIS, Plant Protection and Quarantine)		
<i>Objective: To discuss and gather feedback on potential economic and environmental impacts at global level and how to carry cost benefit</i>		
Time	Topic	Speaker/Activity
11:15-11:30	Introduction to the work of the CBD on Invasive Alien Species, and linkages to IPPC activities.	Marianela Araya Quesada (Convention Biological Diversity Secretariat)
11:30-11:45	Environmental perspectives on threats from non-indigenous hitchhiking and contaminating pests.	Leigh Greenwood (Forest Pest and Pathogen Program Director, North America Region, The Nature Conservancy)
11:45-12:00	Simulating damages from biosecurity risks on the sea container pathway	Dr Edith Arndt (Centre of Excellence for Biosecurity Risk Analysis (CEBRA) Australia)
12:00-13:00 Lunch break (provided)		
13:00-14:00 Session 3: Snapshots on Pest risk associated with sea containers movements. Moderator: Artur Shamilov (IPPC Secretariat)		
<i>Objective: Showing the diversity of the regions dealing with different level and types of pest risks and successful experiences as well as type of information biosecurity agencies may require and collect through screening and inspection processes at their border.</i>		
<b>Speakers</b>		
<i>NPOs and RPPOs and Industry and others</i>		
<ul style="list-style-type: none"> <li>• Three examples of pest risks</li> <li>• Kenya – Sea containers survey overview</li> <li>• Uzbekistan – Sea containers survey overview</li> <li>• Animal health and food safety standards related to container cleanliness</li> </ul>		
14:00-14:30 Session 4: Question and answer session to cover topics discussed in the morning sessions. Moderator: Wendy Asbil		
<i>Consider the information presented in Sessions 1, 2 and 3 for discussion and Q&amp;A.</i>		
14:30-15:45 Session 5: Supply chain complexities, shared responsibilities and facilitation of international trade (followed by Q&A) Moderator: Colleen Stirling (IPPC Secretariat)		
<i>Objective: To communicate supply chain complexities, importance of minimizing trade impacts, and the importance of shared responsibilities/custodial responsibility in minimizing pest contamination</i>		
Time	Topic	Speaker/Activity
14:30-14:45	IMO's efforts to minimize pest contamination	Bingbing Song (International Maritime Organization)
14:45-14:55	Volumetrics and supply chain complexities	Lars Kjaer (World Shipping Council)
14:55-15:10	Impact of regulations to trade	Shane Sela (World Bank Group) Bill Gain (Lead Trade Facilitation World Bank Group)
15:10-15:25	Custodial responsibilities and supply chain actors	Lars Kjaer (World Shipping Council) Paul Zalai (Director, Global Shippers Forum (GSF))
15:25-15:45	Q&A	All
15:45-16:00 Break		
16:00-17:15 Session 6: Table (group) discussion: review and discussion on draft CPM Recommendation Moderator: Wendy Asbil (Canadian Food Inspection Agency)		
<i>Objective: to discuss and gather feedback, ideas and opinions in regard to the updated CPM recommendation, on risks and implications (including empties and risks influenced by cargoes; shared/custodial responsibilities; description of pest contamination)</i>		

Time	Topic	Speaker/Activity
16:00-16:15	CPM instruments (CPM Recommendations, ISPMs) - their purposes, benefits, and limitations	Sophie Peterson (Department of Agriculture, Fisheries and Forestry, Australia)
16:15-16:30	Provide context and objectives of the table discussions	Wendy Asbil (Canadian Food Inspection Agency)
16:30-17:00	Shared responsibilities	Table discussions
16:30-17:00	Risks related to containers	Table discussions
16:30-17:00	Risks influenced by type of cargo	Table discussions
17:00-17:15	Reports from table groups on top 3 ideas	Elected spokesperson for table groups
<b>17:15-17:30 Concluding remarks by CPM Chair Moderator: Greg Wolff (CPM Chair)</b>		
<i>Objective: Discussion and synthesis, to gather feedback, ideas and opinions, information and recommendations for further consideration by CPM.</i>		

## Day 2: Tuesday 18 July

Registration	
Time	Description
08:00-08:15	Registration of participants

<b>08:15-11:30 Session 7: Risk mitigation and Potential solutions Moderator: Rama Karri (Department of Agriculture, Fisheries and Forestry, Australia)</b>		
<i>Objective: To present sub-group's analysis of options derived from Sea Container Task Force and London Workshop outcomes, examples of risk management approaches, and potential solutions for discussion, feedback, ideas, opinions, information and recommendations for further consideration.</i>		
Time	Topic	Speaker/Activity
08:15-08:45	Presentation of CPM focus group's subgroup on regulatory and non-regulatory solutions	Summary by Wendy Asbil (Canadian Food Inspection Agency) followed by discussion in plenary
08:45-09:05	Australia – Hitchhiker Management Program	Sarah Bruce (Australian Government Department of Agriculture, Fisheries and Forestry)
09:05-09:25	The New Zealand Biosecurity System - the Sea Container Pathway	Sina Waghorn (Ministry for Primary Industries, New Zealand)
09:25-09:45	Technologies: eDNA	Geoff Grossel (Australian Government Department of Agriculture, Fisheries and Forestry)
09:45-10:05	Technologies: Cameras	Michael Gately (CEO, Trellis Data) Tim McLaren (Trellis Data Head of Communications)
10:05-10:15	IPPC input to CTU code related work	Lars Kjaer (World Shipping Council)
10:15-10:30	SAFE FoS related to Sea Container Cleanliness	Taeyeon Kim
10:30-10:50	CTU code and CTU App	Gub McNicoll (WiseTech Global)
10:50-11:30	Q&A and discussion in plenary	All
11:30-11:45	<b>Break</b>	
<b>11:45-13:00 Session 8: Container design modifications and innovations to minimize pest contamination Moderator: Mike Downes (Southern Container Advisory Ltd.)</b>		
<i>Objective: To present details on various aspects of container design and innovations</i>		
Time	Topic	Speaker/Activity
11:45-12:00	Risks posed by the structural components of sea containers	Rama Karri (Australian Government Department of Agriculture, Fisheries and Forestry)

12:00–12:15	Container design modifications – research and case study	Professor Simon McKirdy (Murdoch University) Sam Lymbery (Murdoch University)
12:15–12:35	Container Design Innovations for Pest Minimization	Jinping Hu (China International Marine Containers)
12:35–12:45	New steel floor design	Anurag Aggarwal (Hapag-Lloyd)
12:45–13:00	Q&A and discussion in plenary	All
13:00-14:00	<b>Lunch break (provided)</b>	
<b>14:00-15:00 Session 9: Presentations from call for papers</b> <b>Moderator: Paul Zalai (Director, Global Shippers Forum (GSF))</b>		
<i>Objective: Present information on some of the available tools to design effective risk mitigation policies, including systems approach and policy evaluation.</i>		
<b>Time</b>	<b>Topic</b>	<b>Speaker/Activity</b>
14:00-14:10	Developing a mathematical model to evaluate biosecurity inspection policies	Christopher Baker (Centre of Excellence for Biosecurity Risk Analysis (CEBRA) Australia)
14:10-14:20	To comply or not to comply efficient and fair pest risk mitigation through clever incentive design	Susie Hester (Centre of Excellence for Biosecurity Risk Analysis (CEBRA) Australia)
14:20-14:30	Systems approach to reduce pest risks	Rieks Van Klinken (Commonwealth Scientific and Industrial Research Organisation (CSIRO))
14:30-14:40	Shippers' perspective on some of the issues addressed in the Recommendation	Sal Milici (Chair, Container Cleanliness Working Group, Global Shippers Forum (GSF))
14:40-15:00	Q&A session	All
<b>15:00-16:00 Session 10: Table (group) discussion, then review and discuss the following aspects of draft CPM Recommendation 6</b> <b>Moderators: Wendy Asbil (Canadian Food Inspection Agency) &amp; Wendy Beltz (U.S. Dept. of Agriculture, APHIS, Plant Protection and Quarantine)</b>		
<i>Objective: to discuss and gather feedback, ideas and opinions in regard to the updated CPM recommendation on risks and implications (including Visual examination, Methods to remove contamination, Container structure)</i>		
<b>Time</b>	<b>Topic</b>	<b>Speaker/Activity</b>
15:00-15:10	Provide context and objectives of the table discussions	Wendy Asbil (Canadian Food Inspection Agency)
15:10-15:40	Visual examination	Table discussions
15:10-15:40	Methods to remove contamination	Table discussions
15:10-15:40	Container structure	Table discussions
15:40-16:00	Identify top 3 ideas	Table discussions
16:00-16:15	<b>Break</b>	
<b>16:15-17:00 Session 11: Reporting from group spokespersons, discussions in plenary and summary and discussion of Day 2</b> <b>Moderator: Greg Wolff (CPM Chair)</b>		
<b>Time</b>	<b>Topic</b>	<b>Speaker/Activity</b>
16:15-16:30	Reports from table groups on top 3 ideas	Elected spokesperson for table groups
16:30-16:45	Discussions in plenary	All
16:45-17:00	Summary of discussions of day 2	Greg Wolff (CPM Chair)
<b>Dinner Reception</b>		
19:00-19:30	Pre-dinner drinks	Lobby 3

19:30	Dinner hosted by DAFF <i>Formal attire not required</i>	Ballroom Le Grand 3
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### Day 3: Wednesday 19 July

Registration	
Time	Description
07:45-08:00	Registration of participants

08:15 -12:15 Field Visit / Hyperspectral camera presentation and demonstration		
08:00-10:30 (Field visit)		Group A
10:45-11:45 (Camera presentation and demonstration at the venue)		
08:15-09:15 (Camera presentation and demonstration at the venue)		Group B
09:30-12:00 (Field visit)		
<i>Objective: Field visits are to provide participants an opportunity to witness practical application of specific container risk management activities such as container surveys and treatments, and demonstration of containers with different structural components. The demonstration of camera technology will provide participants an understanding of its capabilities and an opportunity for discussion on its application.</i>		
12:15-13:15	Lunch break (provided)	
13:15-14:15 Session 12: Session: Awareness raising, outreach and education, and capacity building Moderator: Wendy Beltz (U.S. Dept. of Agriculture, APHIS, Plant Protection and Quarantine)		
<i>Objective: To highlight the importance of promoting sea container cleanliness and gathering perspectives from all parts of the supply chain and from government.</i>		
Time	Topic	Speaker/Activity
13:15-13:30	Introduction and overview of the session	Wendy Beltz
13:30-13:45	NASCI	Wendy Asbil (Canadian Food Inspection Agency) and Wendy Beltz (U.S. Dept. of Agriculture, APHIS, Plant Protection and Quarantine)
13:45-14:00	Kenya's awareness raising strategy	Fredrick Makathima (Kenya Plant Health Inspectorate Service)
14:00-14:15	Q&A and plenary discussion on awareness raising	All
14:15-15:45 Session 13: Table (group) discussion: Potential elements in a general framework Moderator: Wendy Beltz (U.S. Dept. of Agriculture, APHIS, Plant Protection and Quarantine) and Lars Kjaer (World Shipping Council)		
<i>Objective: To discuss and gather feedback, ideas and opinions on a general framework</i>		
Time	Topic	Speaker/Activity
14:15-14:25	Provide context and objectives of the table discussions	Wendy Beltz (U.S. Dept. of Agriculture, APHIS, Plant Protection and Quarantine)
14:25-14:55	Elements in a general framework	Table discussions
14:55-15:25	Identify top 5 elements	Table discussions
15:25-15:40	Break	
15:40-16:40 Session 14: Plenary discussion – spokesperson reports from table discussions Moderator: Greg Wolff (CPM Chair)		
<i>Objective: Conclude with practical recommendations on the path forward to globally address the pest risks associated with the movement of sea containers and their cargos in a practical and sustainable way.</i>		
Time	Topic	Speaker/Activity
15:40-16:10	Reports from table groups on top 5 elements	Elected spokesperson for table groups
16:10-16:40	Discussions in plenary	All
Time	Speakers	

<b>16:40-17:10</b>	<b>Wrap up of the Workshop and closing remarks from CPM Chair</b>
<b>17:10-17:30</b>	<b>Closing remarks from NPPO of Australia</b>