



ICAO SEMINAR ON **GREEN AIRPORTS**

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Session 3: Emerging Environmental Topics

Part 1: Addressing Plastic Usage Challenges in Aviation



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ACI World

Plastics: How did we
get here?

Airports leadership

Avoid-Reduce-Reuse-
Recycle

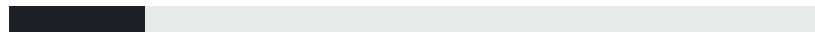
What we need

Plastic is not fantastic



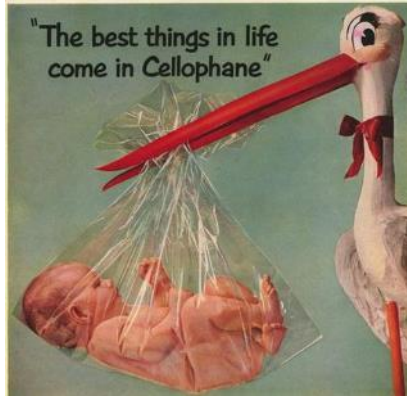
**8.3 billion
metric tons**
produced since the
1950s (UNEP)

Proportion of plastics recycled (OECD)



9%

How did we get here? Plastic's qualities



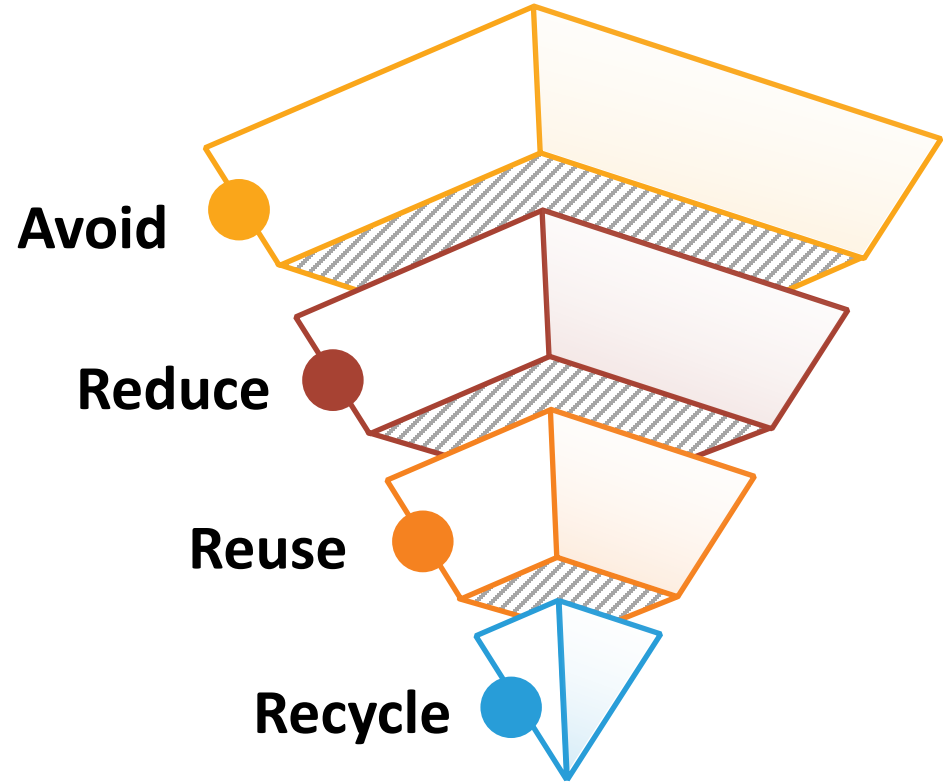
- ✓ Light
- ✓ Cheap
- ✓ Durable
- ✓ Versatile

Sometimes, single use is the whole point

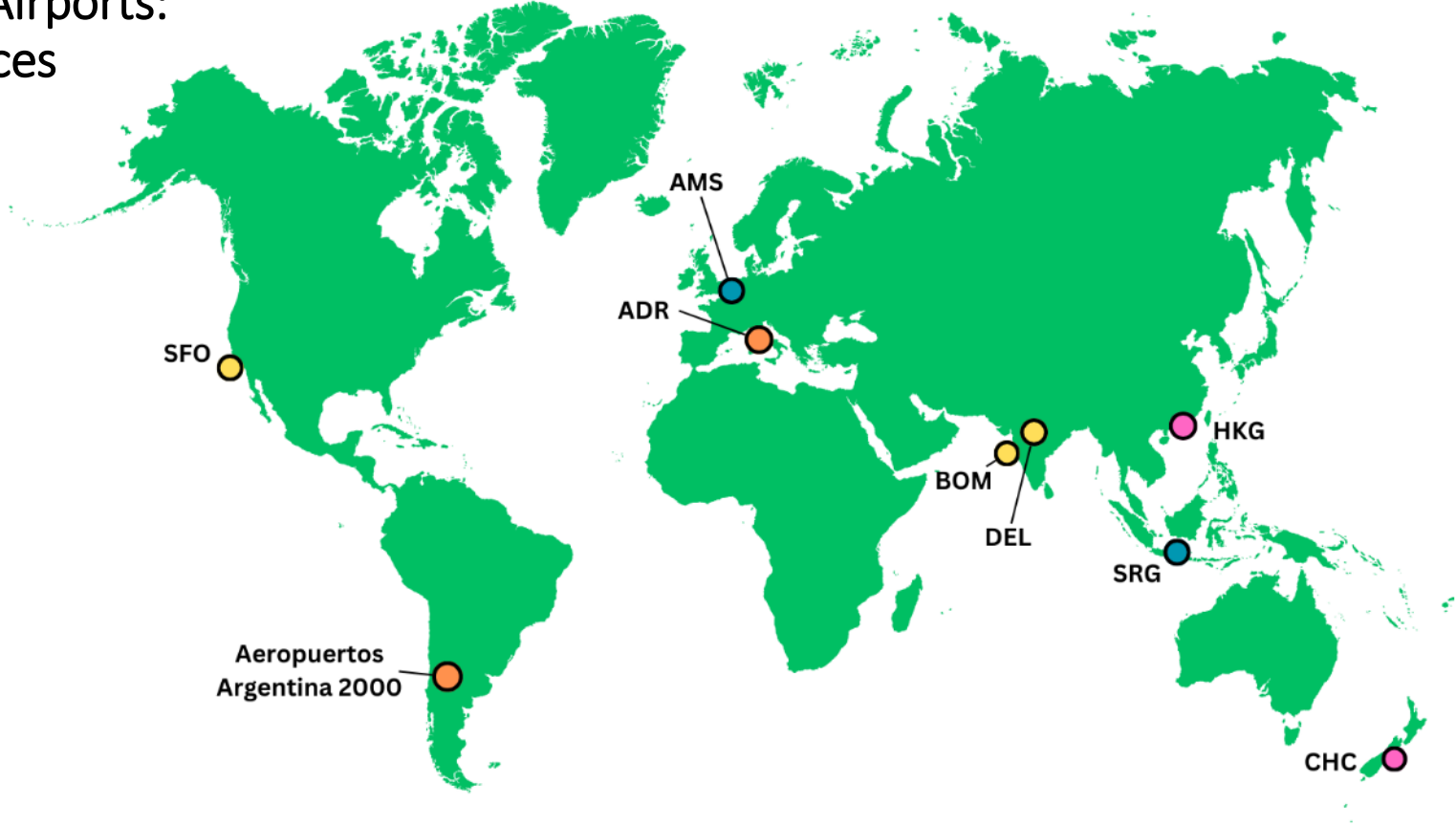


- ✓ Health / hygiene
- ✓ Security

Waste Management: The Big Picture



Plastics at Airports: Best practices



Single-Use Plastic Free Airport

The examples of Mumbai and Delhi



Plastic-Free Policy

The example of San Francisco



San Francisco

**San Francisco airport
announces ban on sales of
plastic water bottles**



Unplastifying Airports

The example of Aeropuertos Argentina 2000



Development of Plastics Use Diagnostics to identify areas of action



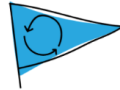
Co-Design of Deplasticizing Strategies



Collaborative work between different brands and businesses



Development of a Federal Platform for Deplasticizer Suppliers



Accompaniment in the implementation of strategies, identification of challenges and opportunities



Plastics Reduction Measurement



Repurposing Plastic

The examples of Schiphol (left) and Jenderal Ahmad Yani International Airport (right)

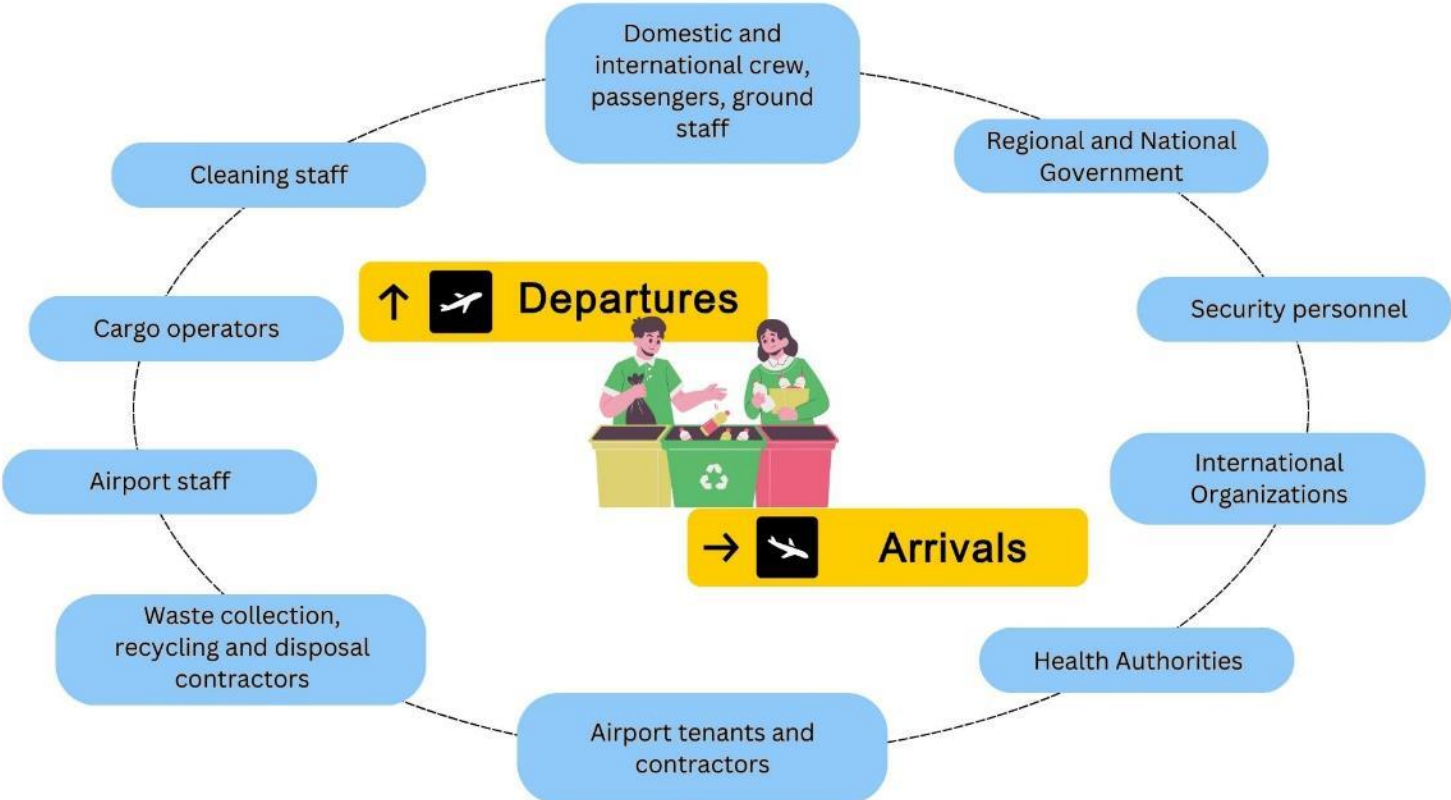


Recycling and Circularity

The example of Christchurch and Hong Kong



Collaboration is Key





What we need locally

Encourage more airports to act and partner



COMING SOON!

ICAO Airport Eco-Toolkit on Single Use Plastics



What we need internationally

Consistency through strong global frameworks



Transition out of
liquids
restrictions incl.
Secure Tamper
Evident Bag

UN 
**environment
programme**

An international
instrument on
Plastic Pollution
(expected end
2024)

Thank You

