

ORGANIZATION OF AMERICAN STATES

INTER-AMERICAN COMMITTEE ON PORTS
18 JUNE 2014

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PUBLIC POLICIES, LEGISLATION, AND REGULATION

THE CRUISE INDUSTRY PERSPECTIVE



One Industry, One Voice



**ABREMAR-BRAZIL • ALASKA • ASIA • AUSTRALASIA • BELGIUM & LUXEMBOURG
EUROPE • FRANCE • GERMANY • ITALY • NETHERLANDS • NORTH AMERICA •
NORTHWEST & CANADA • SPAIN • UK & IRELAND**

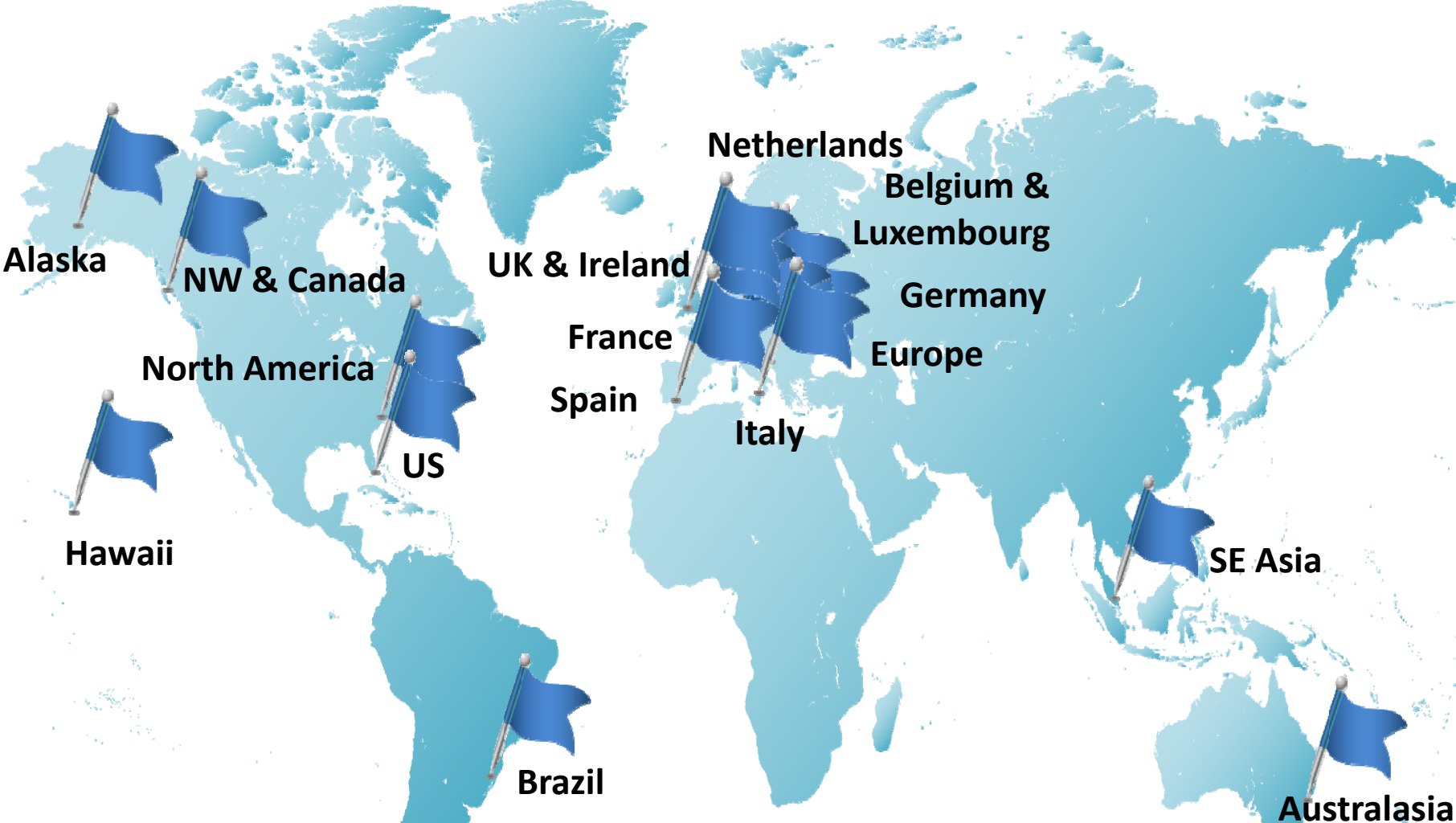


December 17, 2012

Cruise Industry Forms Global Trade Association

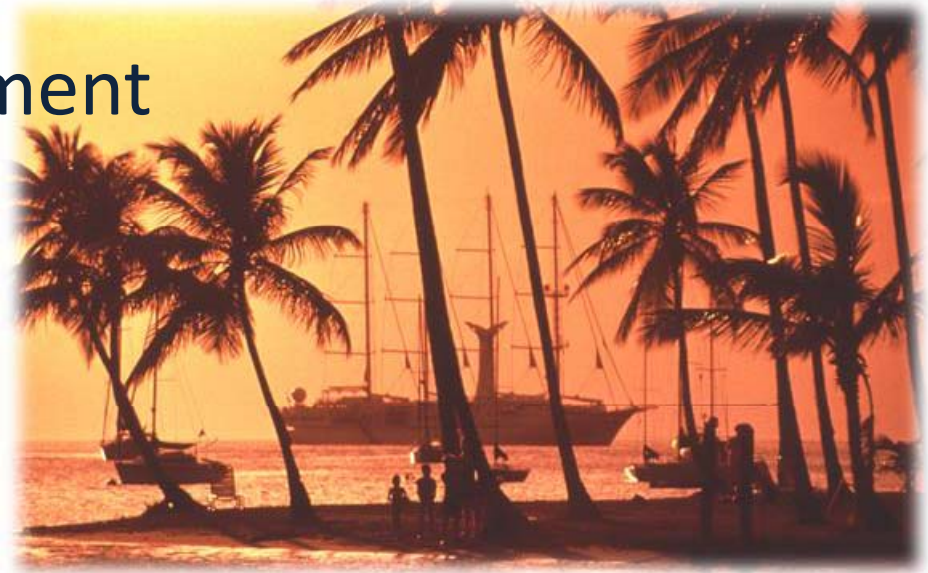
New Association Model to Promote "One Industry, One Voice"

Global Offices



Organization

- CLIA Global Technical & Regulatory team
- CLIA Regional Teams
- CLIA Advisory Committees
- Industry-wide Engagement
 - International
 - Regional
 - National



CLIA Members



Over 60 cruise line members
Representing over 95% global cruise capacity



Over 13,000 global travel agency members
Reaching over 50,000 agent members



Over 200 executive partners
(port authorities, destinations, and maritime and industry suppliers)

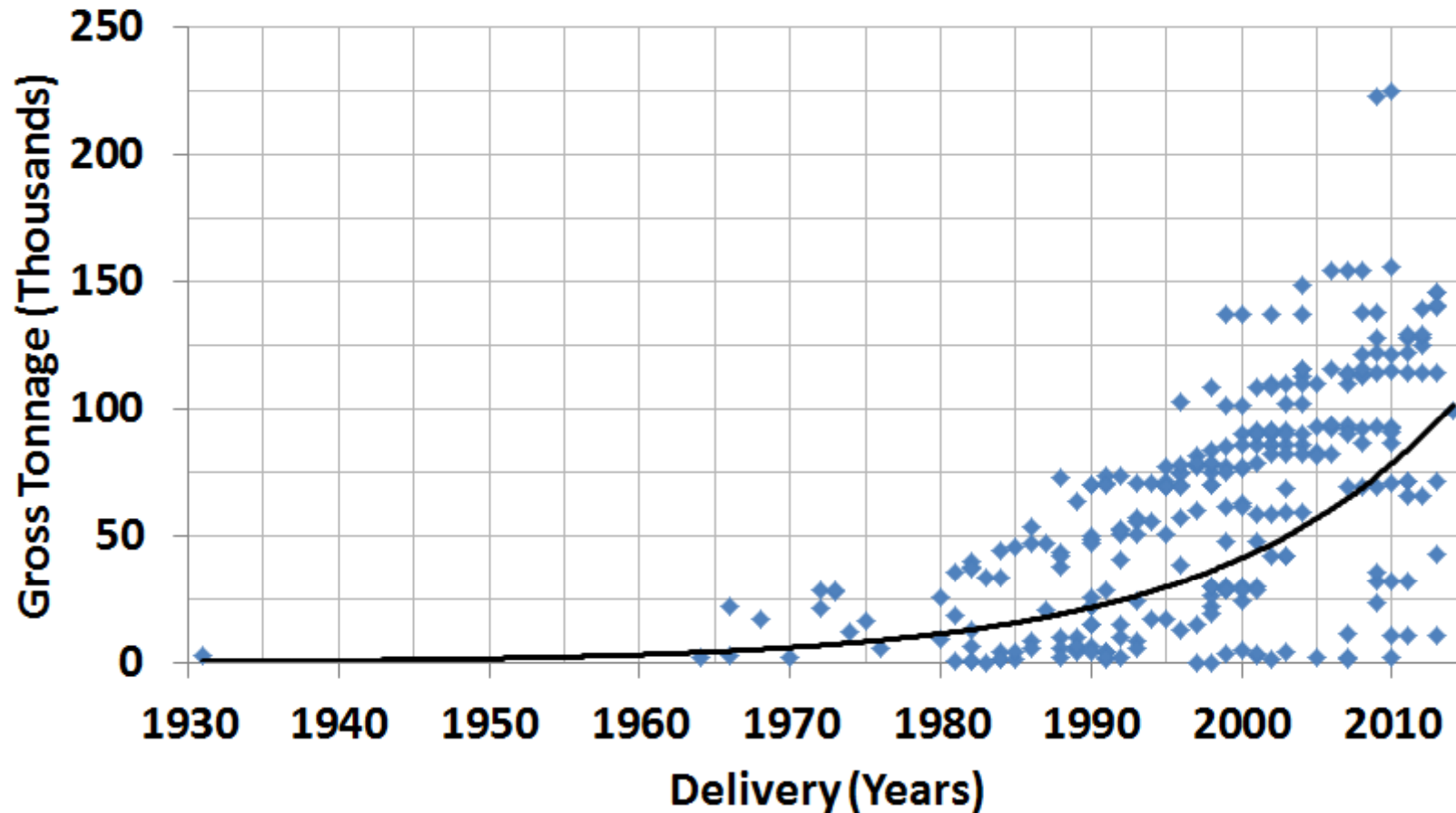
Cruise Line Members



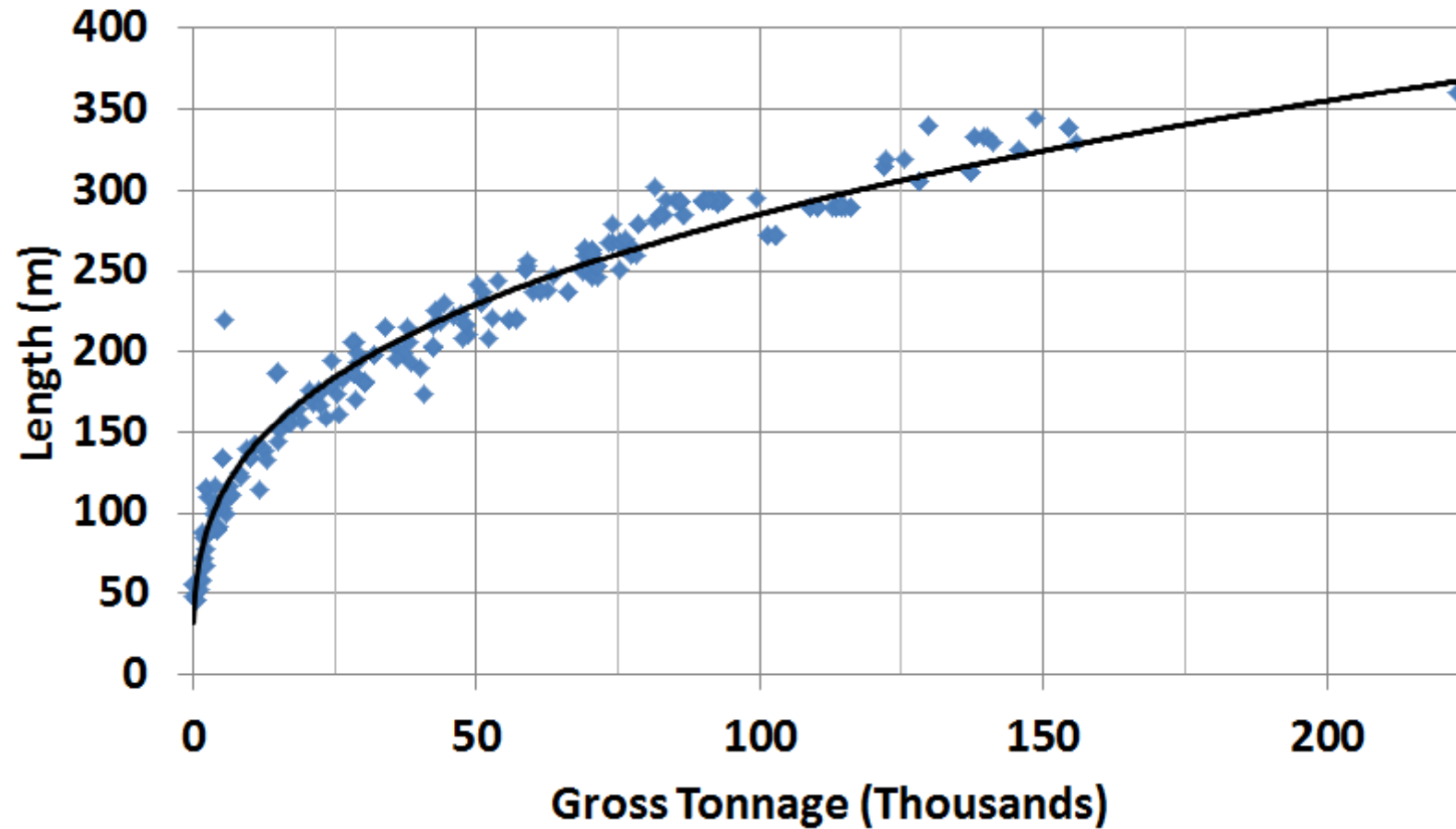
Cruise Line Members (Cont'd)



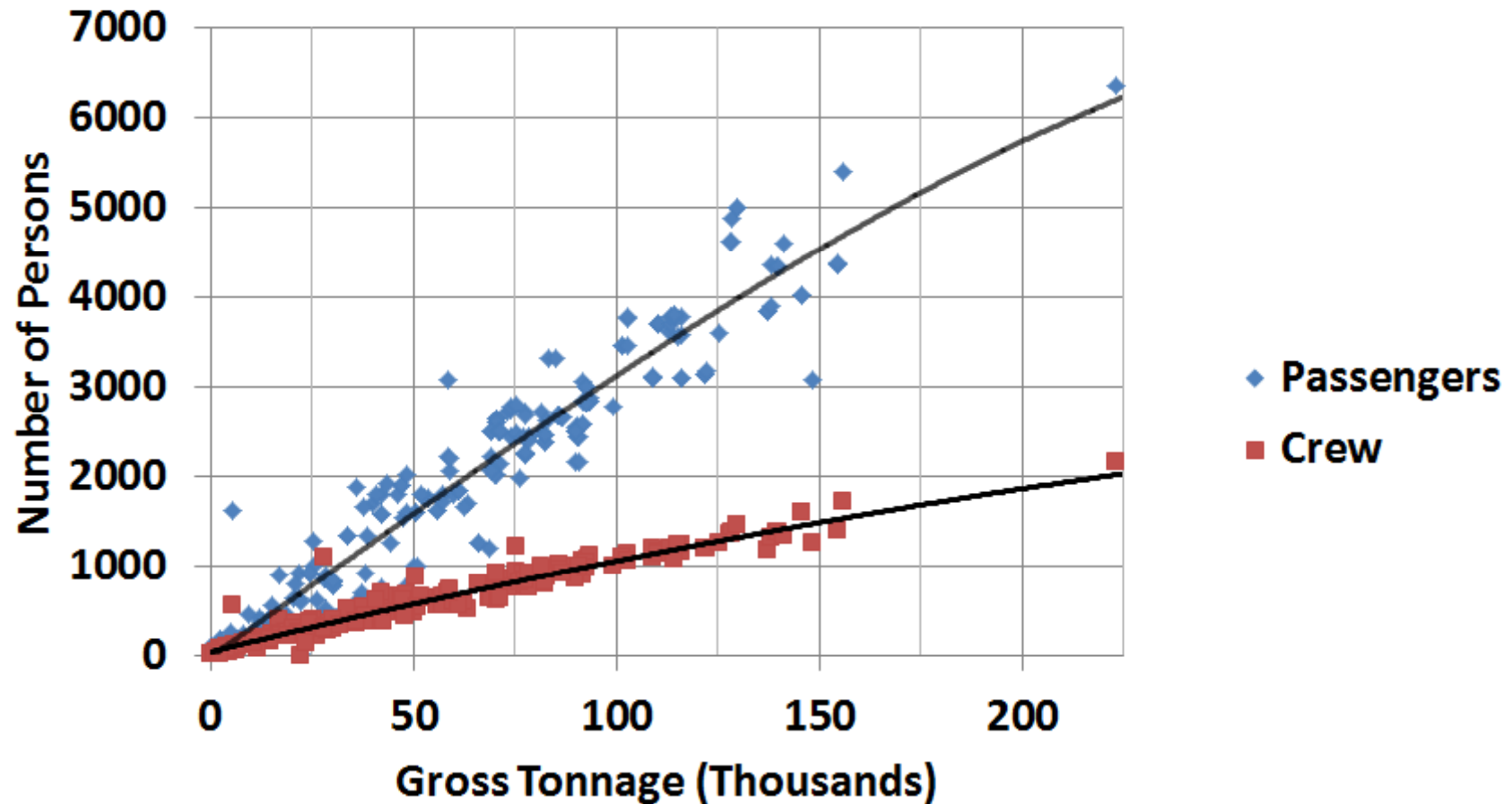
Cruise Ship Fleet Growth



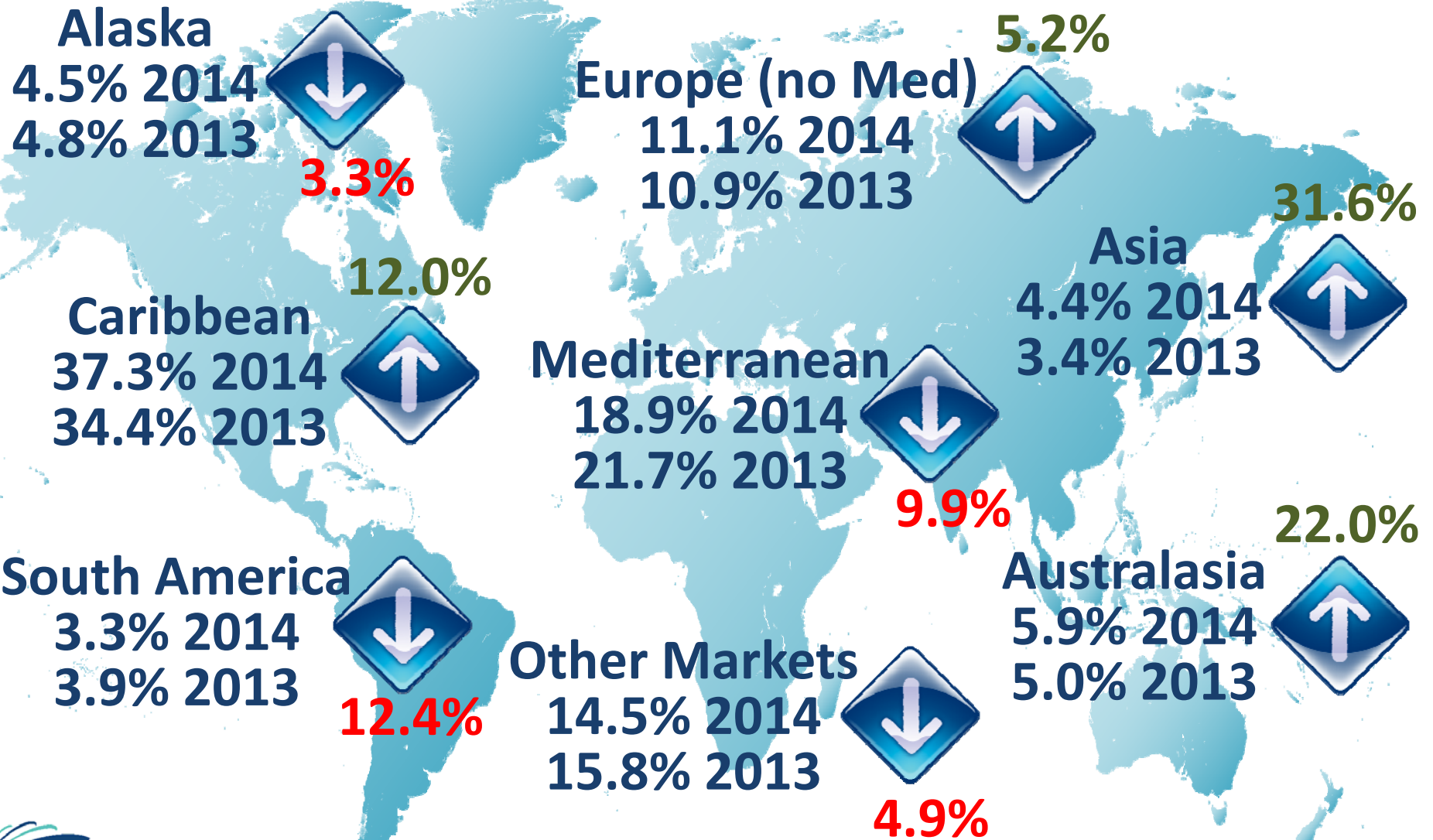
Fleet Growth (Cont'd)



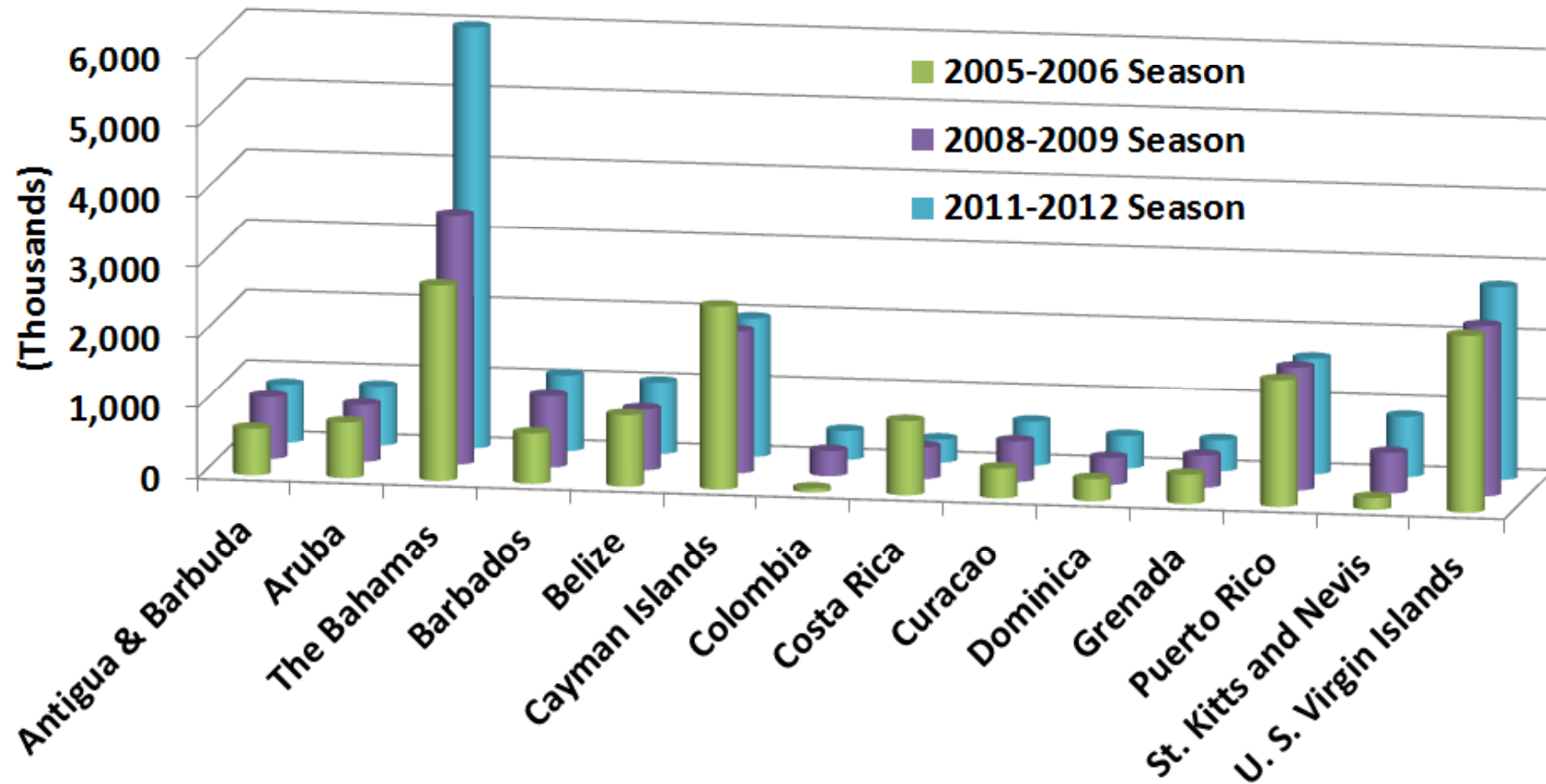
Cruise Ship Capacity



Itineraries and Deployments



Passenger and Crew Arrivals

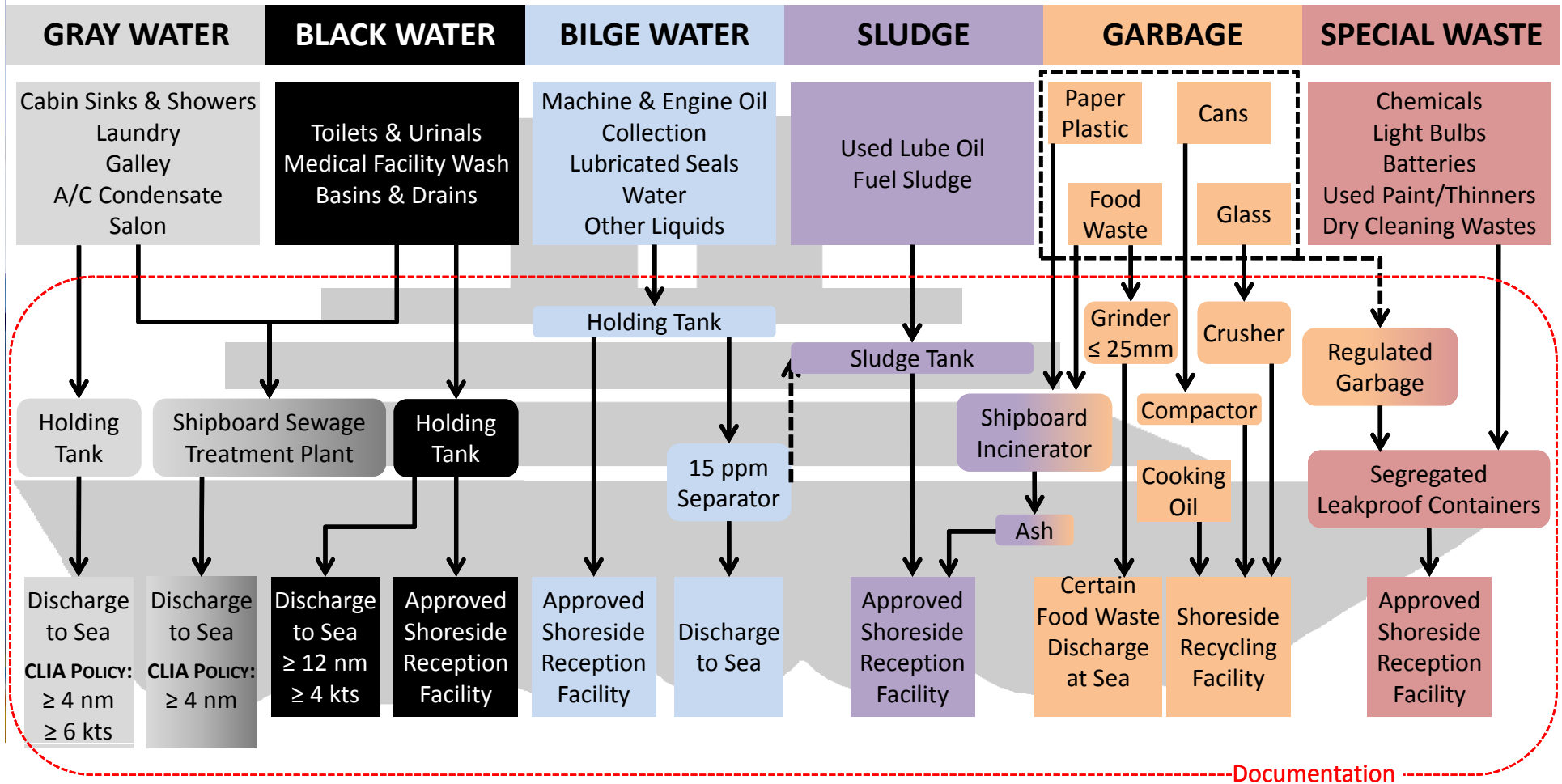


Levels of Regulation

- International (IMO, ILO, WHO, etc.)
- Regional
- National
- Sub-national

ENGAGEMENT AT ALL LEVELS

Waste Streams



Environmental Programs

1. The cruise industry today has developed a high standard on waste management.
2. Segregation of waste at the source.
3. Waste water treatment that allows the reuse of water for specific tasks. *(In process)*
4. Processing waste onboard to produce energy. *(In process)*
5. Sludge and garbage to be used as fuel.
6. Evaluation of alternative refrigerants and systems to reduce air emissions.
7. Aggressive recycle programs resulting in over 79,000 tons of garbage recycled in a given year
8. Testing alternative/renewable energy options (solar & wind)

Waste Handling Procedures

USDA Regulated Garbage

1. Treated onboard
2. Incinerated
3. Off-loaded for shore side disposal



Garbage & Recycle Materials Off-load



Recycling Materials

1. Glass
2. Aluminum
3. Metal drum
4. Cardboard paper
5. Plastic
6. Wood
7. Cooking oil
8. Sludge/Bilge oil
9. Fluorescent light
10. Batteries



**Glass recycled
by color**



**Aluminum/
Metal-
Recycling**



*Pictures provided by Norwegian
Cruise Line*

Energy Efficiency Design Index

- IMO MARPOL Annex VI (air emissions)
- Regulations enter into force in 2015
- Cruise passenger ships having non-conventional propulsion
- Guidelines developed to calculate
 - Reference line
 - Reduction factor
 - Attained EEDI (Energy Efficiency Design Index)

THANK YOU

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