Sustainable Practices in the Cruise Industry
Impact of Cruising in the Mediterranean – some numbers

164 Ships Per year

8 Nights Average cruise length

3.7M Passengers carried

3% Growth in 2017
Contribution of the Cruise Industry to the Mediterranean

2.8 bn €
in crew and passenger spending

292 € / passenger
in passenger spending in embarking ports

62 € / passenger
spending at each port visit

31 € / crew member
spending at each port visit
Sustainable Cruising: Best Practices

Wastewater Treatment: Did you know?

Cruise Line Members have adopted a voluntary a zero-discharge policy at sea for untreated sewage.

This policy far exceeds the legal requirements and the existing regulations of the vast majority of the maritime industry.
Cruise ships use some of the most innovative recycling, reduction and reuse strategies in the world.

Sustainable Cruising: Best Practices

CRUISE SHIPS RECYCLE 60% MORE per passenger than the average person does on land.

Some cruise ships recycle cooking oil which can be turned into FUEL and food waste, which can be turned into ENERGY for ONBOARD USE.

Unrecyclable waste on cruise ships can be as little as 1.5 pounds / person a day compared to 4-5 pounds per person on land.

1.5 lbs
Cleaner Fuels and Reduced Emissions: Did you know?

- The **cruise industry** invested **$1 billion in new technologies** and **cleaner fuels** to reduce ships’ air emissions.

- **$400 million** to design, build and install **ECO-ECG systems**

- **Exhaust gas cleaning systems reduce sulfur emissions** to meet and exceed international and national standards
BUSINESS OPPORTUNITY

Billions are being invested in the development of advanced liquefied natural gas (LNG)-fueled cruise ships that will have lower emissions and higher energy efficiency.

BUSINESS CHALLENGE

The biggest challenge for the growth of LNG-powered cruising is the rudimentary infrastructure for distributing it at ports, supply chain currently in place.
Sustainable Cruising: Improved Efficiency

- Hulls are painted with special non-toxic coatings that reduce fuel consumption by 5%.

- Window tinting is used to keep passageways cooler and reduce air conditioning use.

- Solar panels are installed to provide emissions-free energy.

- Special lighting is used to reduce power consumption by up to 20 percent. LED lighting lasts 25 times longer, uses 80 percent less energy.
Thank you