

Working group LNG

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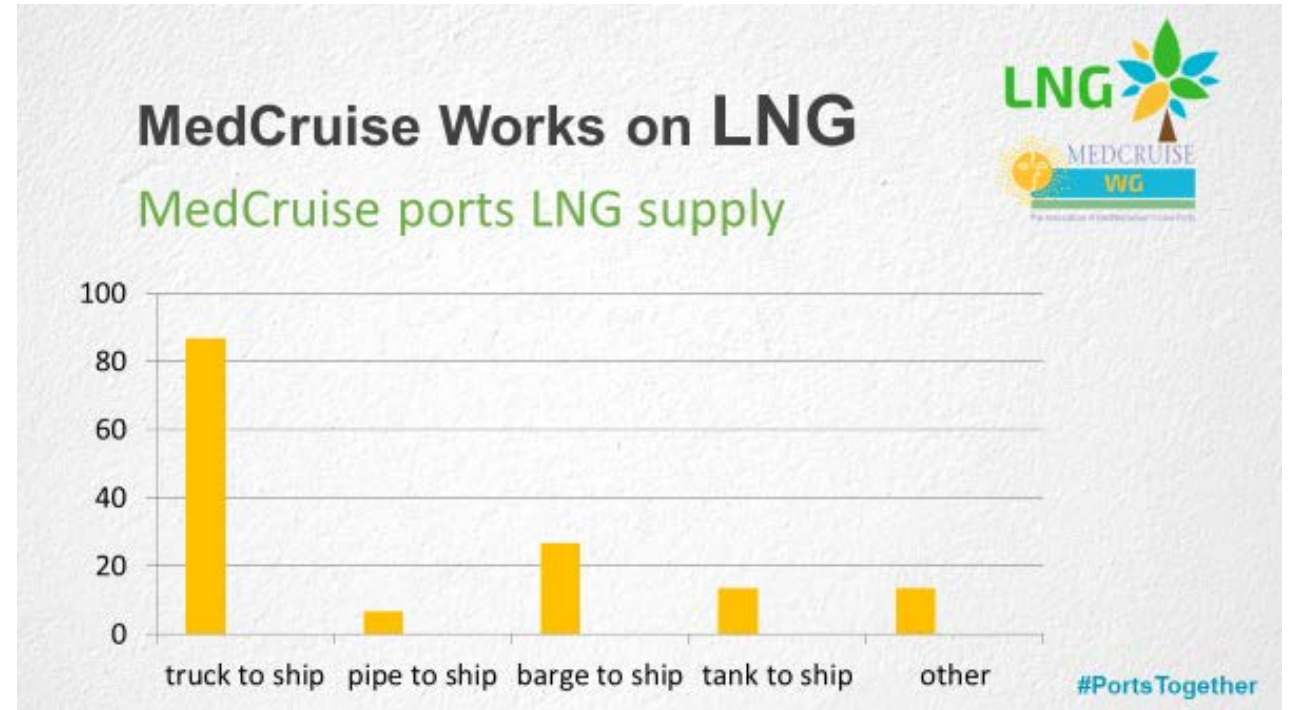
- The first result has been that in 2018/2019 the choice for ports was directed towards the LNG as a source of energy. Many European projects financed by the European community encouraged port authorities to build infrastructures for the use and supply of LNG for cruise ships.

Working group

- In 2019 **25 LNG** powered cruise ships had been commissioned by the Carnival and 2020 Italian ports are waiting for the first time a ship powered by LNG the Costa Smeralda.
- Medcruise in 2019 decided to make a survey on LNG to be distributed to all associates members and the result has been a cornerstone for our environmental vision of the cruise world .

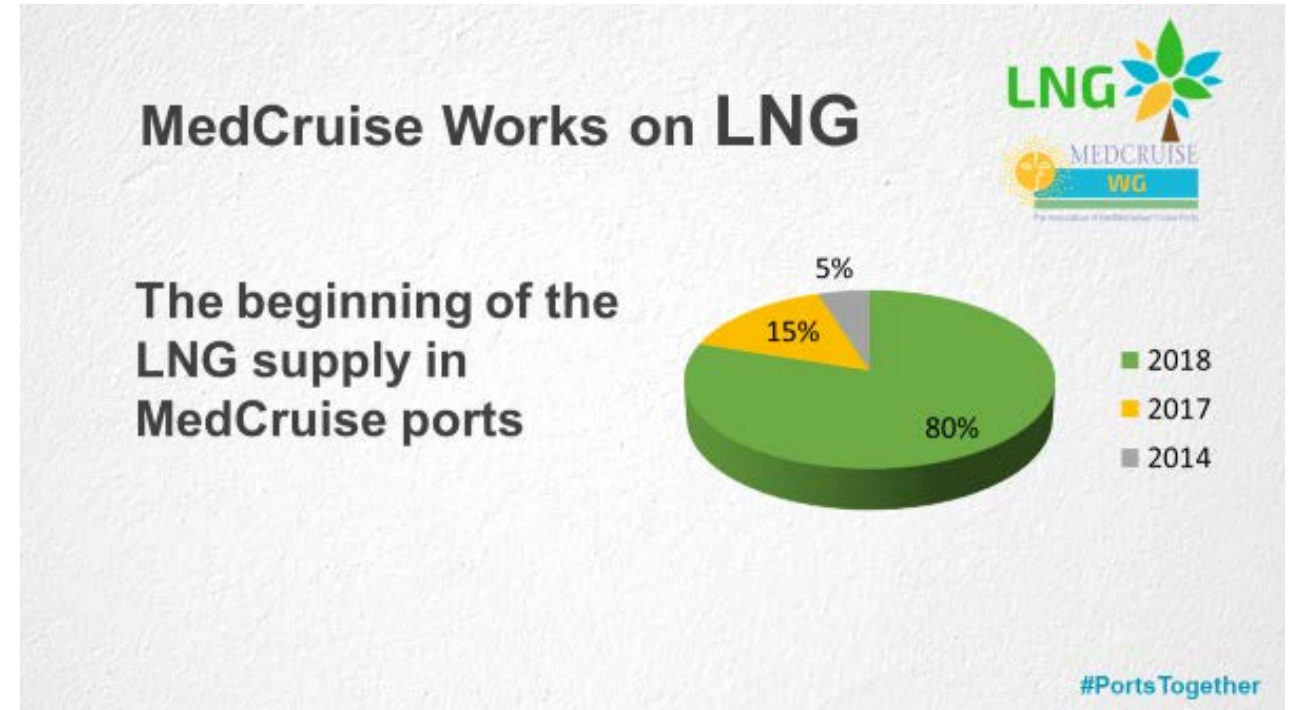
SURVEY OF MEDCRUISE

- *the Survey was divided in 3 section*
- The first section concerned the supply of LNG



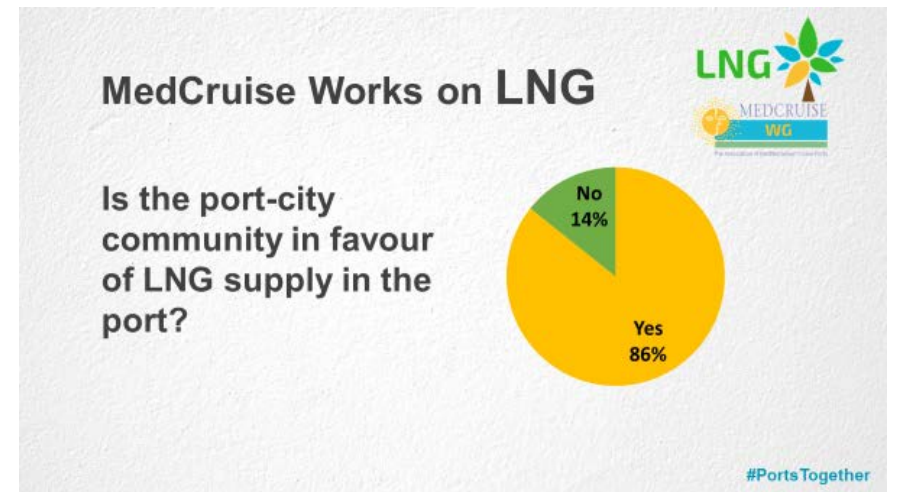
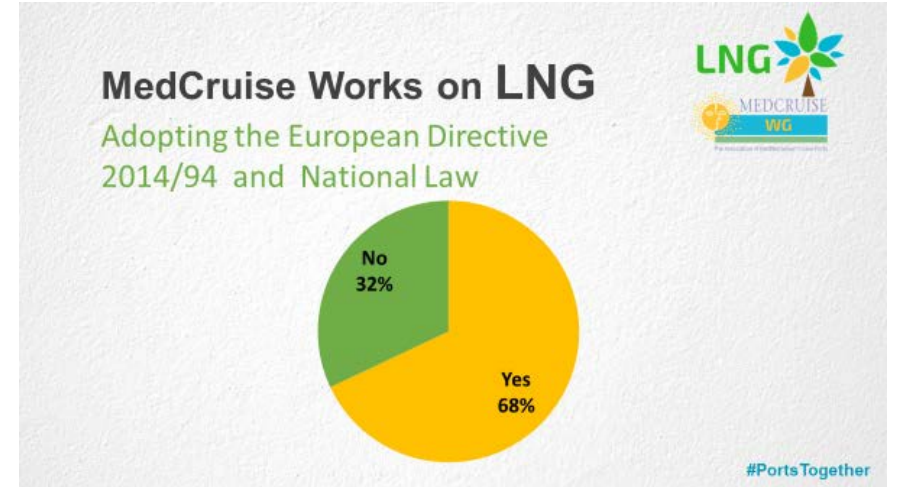
SURVEY OF MEDCRUISE

- The second section concerned in which period the ports of the association started using the LNG in the port area.



SURVEY OF MEDCRUISE

- The third section concerned the implementation of the European directive by the national law and which was the communication between the port and community about the LNG supply



MAP OF LNG of MEDCRUISE

- *the results of the survey have allowed us to create a map of the LNG of the Mediterranean ports.*



Azores



Madeira Ports



Ports of Tenerife



LNG Ports Members



SUPPLYING LNG BIG SCALE



WILLING TO SUPPLYING
LNG BIG SCALE

Azores



Madeira Ports



Ports of Tenerife



LNG Ports Members



SUPPLYING LNG



WILLING TO SUPPLYING LNG

A CHOICE OF CARNIVAL

LNG FOR CRUISE LINES

LNG – Reaching a tipping point? Deep sea picking up

Currently **354** confirmed LNG fuelled ships, and 141 additional LNG ready ships

Bunker vessel capacity is developing fast
Almost **7 times higher** capacity in 2021, compared to 2018

