

Italian Navy



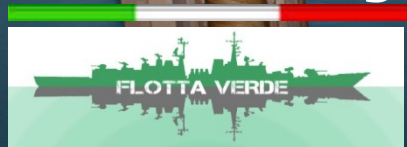
ITALIAN NAVY GREEN FLEET

CDR. Pasquale TRIPODI, General Staff

FIRST ANNUAL WORKSHOP OF ISAFF – NOVEMBER 4th, 2014

Italian Navy

Italian Navy Green Fleet



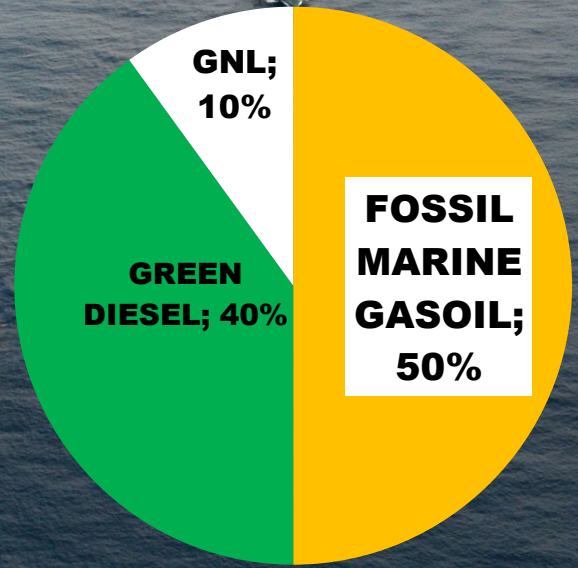
CDR David Kang



Today Energy mix



2020 Energy mix





EU's "20-20-20" replaced by new objectives for 2030:

- ✓ a 40% reduction in EU greenhouse gas emissions from 1990 levels;
- ✓ rising the share of EU energy consumption produced from renewable resources to 27%;
- ✓ a 27% improvement in the EU's energy efficiency.



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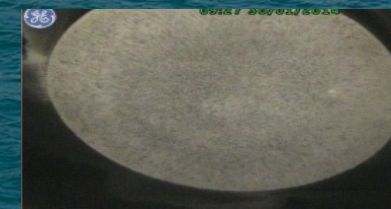


Green F76 is compliant with NATO F76 Specs
50%-50% blend of Fossil Gasoil and Renewable Green Diesel



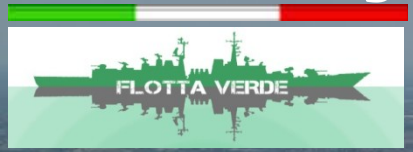


Green F76 certification process was successfully completed last January 29th when the Italian Navy OPV FOSCARI, first military ship in Europe, sailed using this blended fuel. A subsequent inspection found the engines to be cleaner than when operating on straight fossil F76.



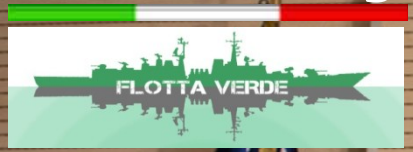
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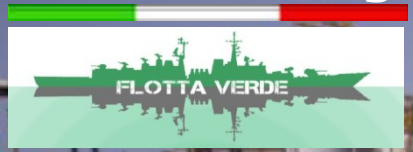


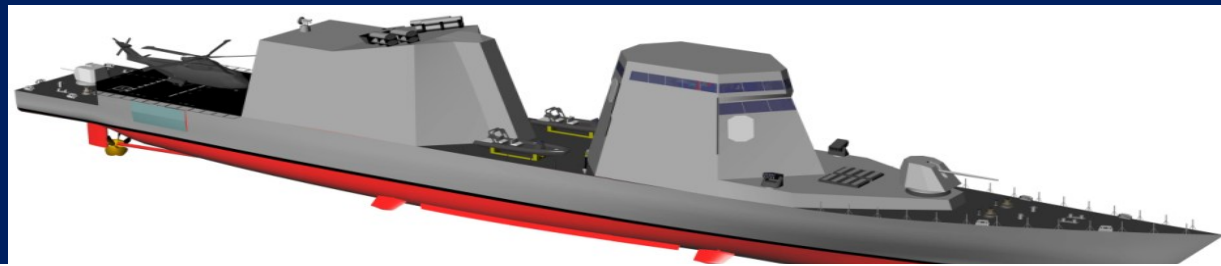
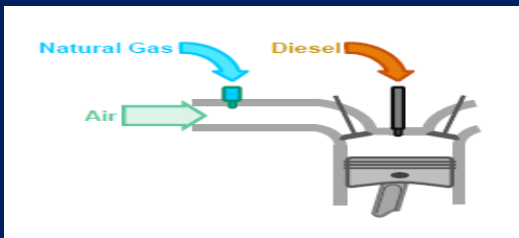
Marina Militare
www.marina.difesa.it



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LNG: MULTIFUEL CAPACITY FOR NEW VESSELS?



The Future...

2015

**ADVANCED
BIOFUELS FLEET
QUALIFICATION
COMPLETED**

2016

**MEDITERRANEAN
SEA GREEN FLEET
DEMONSTRATION**

2020

**FLEET'S OIL
NEED
DECREASE UP
TO 50%**





For further information on the “Flotta Verde” initiative, please refer to:
pasquale.tripodi@marina.difesa.it

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