# Fuel Lifecycle Label and certification schemes

ISWG-GHG 11/2/3 - Updated draft Lifecycle GHG and Carbon Intensity Guidelines for marine fuels, submitted by Australia et al

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The purpose of the FLL is to convey standardised information about the fuel to evaluate its sustainability and lifecycle emissions



#### Example of content



### Example of similar concept: class notations

- DNV: +1A1 Tanker for chemicals and oil E0 ESP Ice(1A\*) NAUTICUS(Newbuilding) SPM TMON VCS(2)
- LR: + 100 A1 Double Hull oil tanker :ESP :LI:ShipRight (SDA, FDA, CM) :Ice Class 1A
- ABS: A1, Oil Carrier, ESP, AMS, ACCU, CPS, CPS-COT, CSR, CRC(I), POT, RRDA, UWILD, Ice Class IA 11199 kw, NBLES, VEC-L, BWE, BWT, IHM, SPMA, TCM

- The class notations signify that the ships fulfil certain design criteria for example Ice Class 1A – surveyed and certifed by the classification society
- Each society has slightly different rules, but are comparable

For the Fuel Lifecycle Label, the criteria will be defined in the LCA guidelines, but the detailed audits and certification requirements are defined by each certification scheme recognized by the IMO

#### Certification – conceptual outline



## Outstanding issues

- Deciding on parts and categorisation, e.g.:
  - sustainability criteria part
  - production pathway categories
  - use of grid/renewable electricity including consideration of national and regional variations
  - carbon capture and storage: specific certification or default values?
- Criteria and instructions for verification and certification schemes