



Extension to the Energy Community of the EU Sulphur in Fuels Directive's revisions

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The EU Sulphur Directive 1999/32/EC

- ❑ *Sulphur content in heavy fuels and gas oil, including marine gas oil, regulated in the EU since early 2000*
- ❑ *Amended by **Directives 2005/33/EC** , **2009/30/EC** (Article 2), **2012/33/EU** to bring EU legislation in line with the International Maritime Organisation (IMO) revisions, update of technical standards. Progressive reduction of land fuel scope incl. inland waterways.*
- ❑ ***COM Impl. Decision 2015/253** on stricter and harmonised enforcement. Mandatory sulphur in fuel inspections (frequencies, methods). Availability of an EU wide information system for electronic record and exchange of inspection data (Thetis-S)*
- ❑ *Codified **Directive 2016/802/EU** published in May 2016*



Purpose of current proposal for SiFD to the EnC

- Need to further **reduce emissions of SO₂** for their noxious impact on **air quality**, on human **health** and the **environment** in a **cost effective way**
- Address **growing** contribution of maritime **SO₂** emissions from the combustion of **marine fuels** to **air pollution** on **coastal areas** and in **mainland**
- **EnC Commitment** to align with latest development of in the EU and globally **International Marpol Convention, 2008 Annex VI** of the **IMO**
- Focus on **Enforcement** of sulphur rules to avoid distorsion of competition

Scope in the EU

Sulphur content of marine fuels – EU standards:

- **IMO Global: HFO, now: 3.5%, 2020: 0.5%**
- **IMO Sulphur Emission Control Areas (SECAs): 0.1%** in the EU and worldwide ECAs (as of 2015)
- **At berth: MGO/MDO, 0.1%** (as of 2006)
- **Passenger ships on reg. Service: HFO 1.5%** (as of 2006)

Emission abatement methods: Testing/Use/Approval (IMO)

Monitoring of compliance and reporting (COM Impl. Decision 2015/253)

Phase out of high sulphur fuels, definitions and ISO standards, ensure availability of compliant fuels (potential for energy efficiency, alternative fuels, shore side electricity)

NEW Scope in the EnC

Applicable only to CPs with coastlines

*Sulphur content of marine fuel – **new** EnC standards*

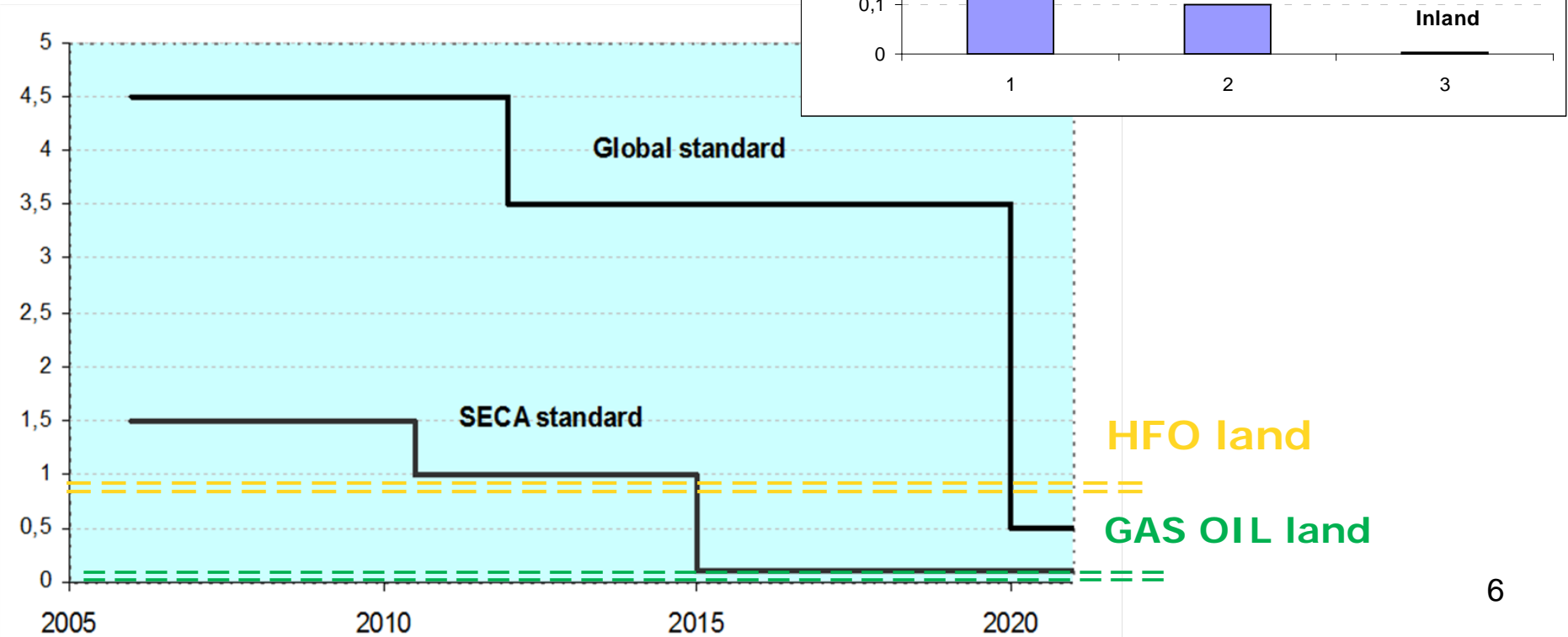
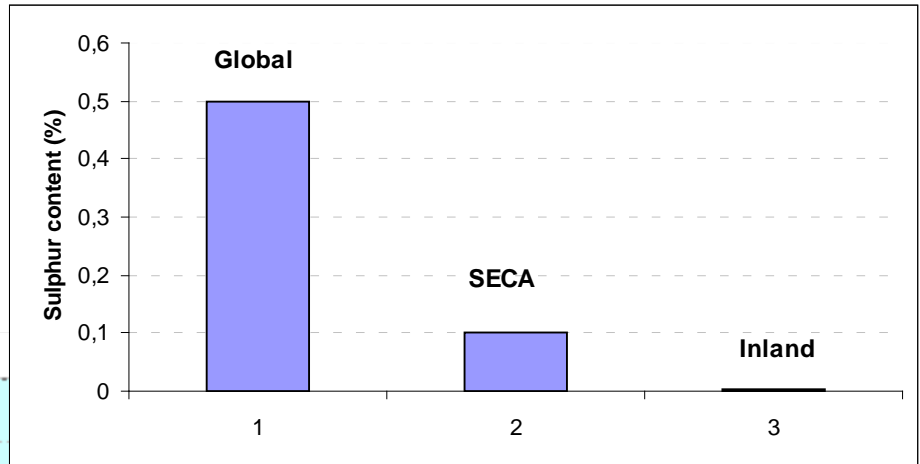
- Global : **3.5% HFO [1/1/2018], 0.5% in 2020 (*)**
- **SECAs: 0.1% in case of future designation of and ECA by EnC riparian states** (*Adriatic, MED ECAs?*)
- At berth: **0.1% (MGO/MDO) [30/6/2018]**
- Passenger ships on reg. service: **1.5% HFO [30/6/2018]**

BUT *Sulphur content of land fuels – EnC standards*

➤ **HFO: 1%; Gas Oil: 0.1% by 31/11/2011**

*Plus: EAMs, compliant fuel monitoring/availability, tech. standards*⁵

EU and MARPOL Annex VI *Sulphur in Fuel Standards*



Timelines

- *Marpol Annex VI of IMO adopted **globally** in **2008** and entered into force in **2010** (marine fuels)*
- *Last amendment of SiFD adopted in 12/**2012** with 06/**2014** as transposition deadline **in the EU***
- *Extension to **EnC** Treaty of 1999-(2005) SiFD **31/12/2011** implementation deadline*
- *Extension to EnC Treaty of revised SiFD. Proposed Implementation Date: **30/6/2018** (for the 3.50% requirement and COM Decision: **1/1/2018**)*

EC Recommendations to PHLG

- *To take note of the Conclusions of the 11th meeting of EnC TF on Env. (12 May 2016)*
- *To take note of the potential technical assistance by the European Maritime Safety Agency to the CPs in relation to this proposal (projects SAFEMED, TRACECA) incl. EnC dedicated Access to THETIS-S*
- *To consider how today's clarifications address concerns about the proposal's Implementation (streamlining: overall limited additional burden on CPs) and propose for endorsement*