



# Overview of the European Commission's initiatives to reduce CO<sub>2</sub> emissions from ships

EuDA Annual General Meeting,  
Brussels, 15/11/2016

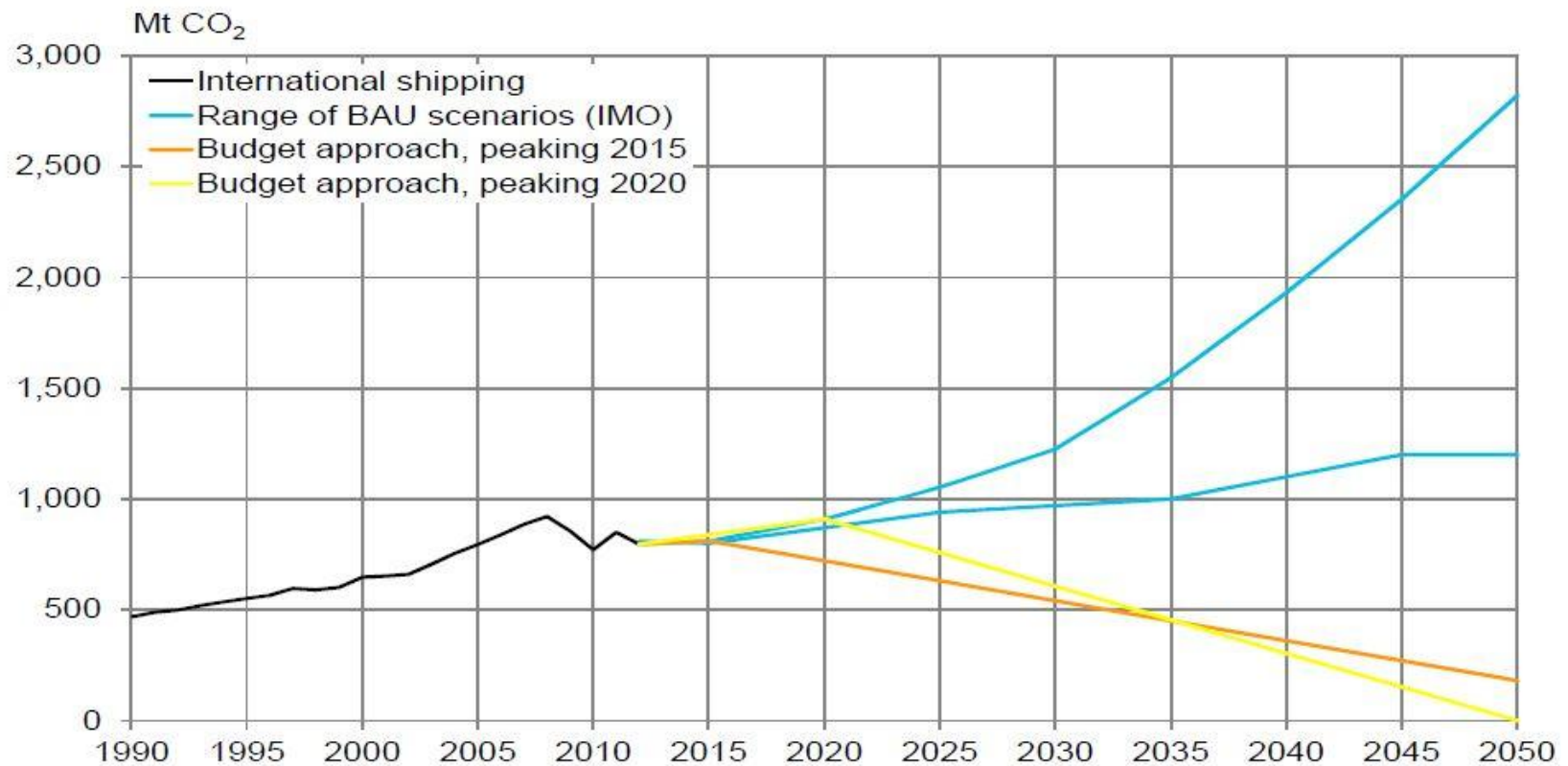
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# Why limiting increases in global temperatures to well below 2°C above per-industrial levels?



Source:  
National Geographic

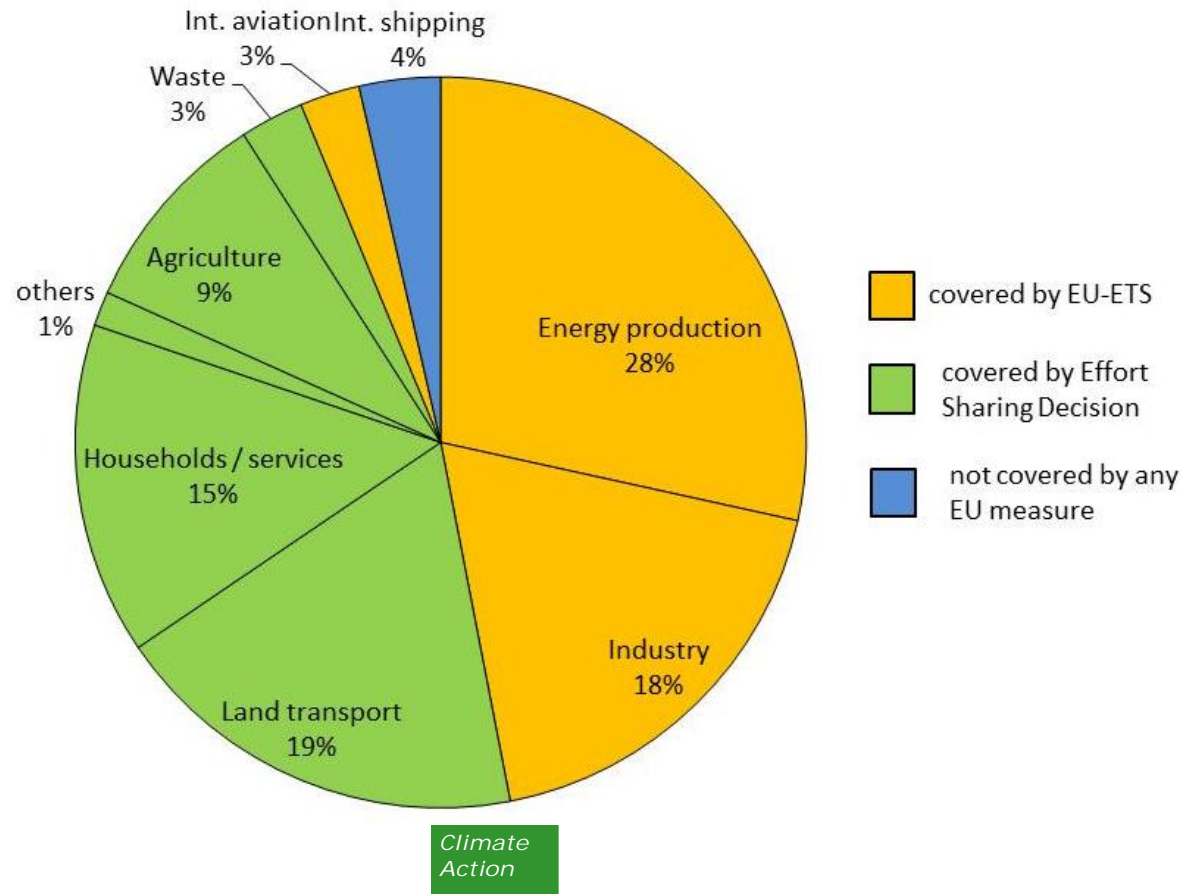
# Estimated growth of CO<sub>2</sub> emissions from international shipping versus reduction needs



Source: Discussion paper on GHG emission reduction targets for international shipping; Öko-Institut & CE Delft for German Federal Ministry for the Environment, 2015

# The need to act on maritime CO<sub>2</sub> emissions: All other sectors covered by EU measures

GHG emissions by sector in EU (2010) and their coverage by policy instruments





## Initiatives to reduce GHG emissions from shipping

- *2002: EP & Council Decision on the 6<sup>th</sup> Environment Action Programme called the Commission to "identify and undertake specific actions to reduce GHG emissions from marine shipping if no such action is agreed within the IMO"*
- *2009: Climate & Energy Package with similar provision with 31/12/2011 as deadline*
- *2011: White Paper on transport: Commission identified GHG emission reduction target for shipping (-40%/-50% by 2050 compared to 2005)*
- *2013: Communication & MRV proposal*



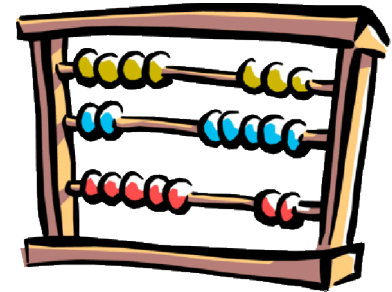
## Communication of European Commission of 28 June 2013: Gradual approach to reduce GHG emissions from shipping

- 1. Implementing a system for monitoring, reporting and verification (MRV) of emissions*
- 2. Definition of reduction targets for the maritime transport sector*
- 3. Application of a market-based measure (MBM)*

*... preferably at global level, but action urgently needed*

## Gradual approach to reduce GHG emissions: "MRV first"

- *No reliable data on CO<sub>2</sub> emissions from shipping available (official figures based on bunker sales)*
- *Robust MRV as foundation of any measure*
- *MRV provides reliable information on ship efficiency*
- *EU MRV to contribute to international debate*





# New legal framework for monitoring, reporting and verification (MRV)

*Regulation (EU) 2015/757  
adopted on 29 April 2015*

- *Based on Commission proposal of June 2013*
- *Impact assessment and intensive stakeholder consultations in 2011 - 2013*
- *In force since 1 July 2015*
- *1<sup>st</sup> obligations in August 2017*

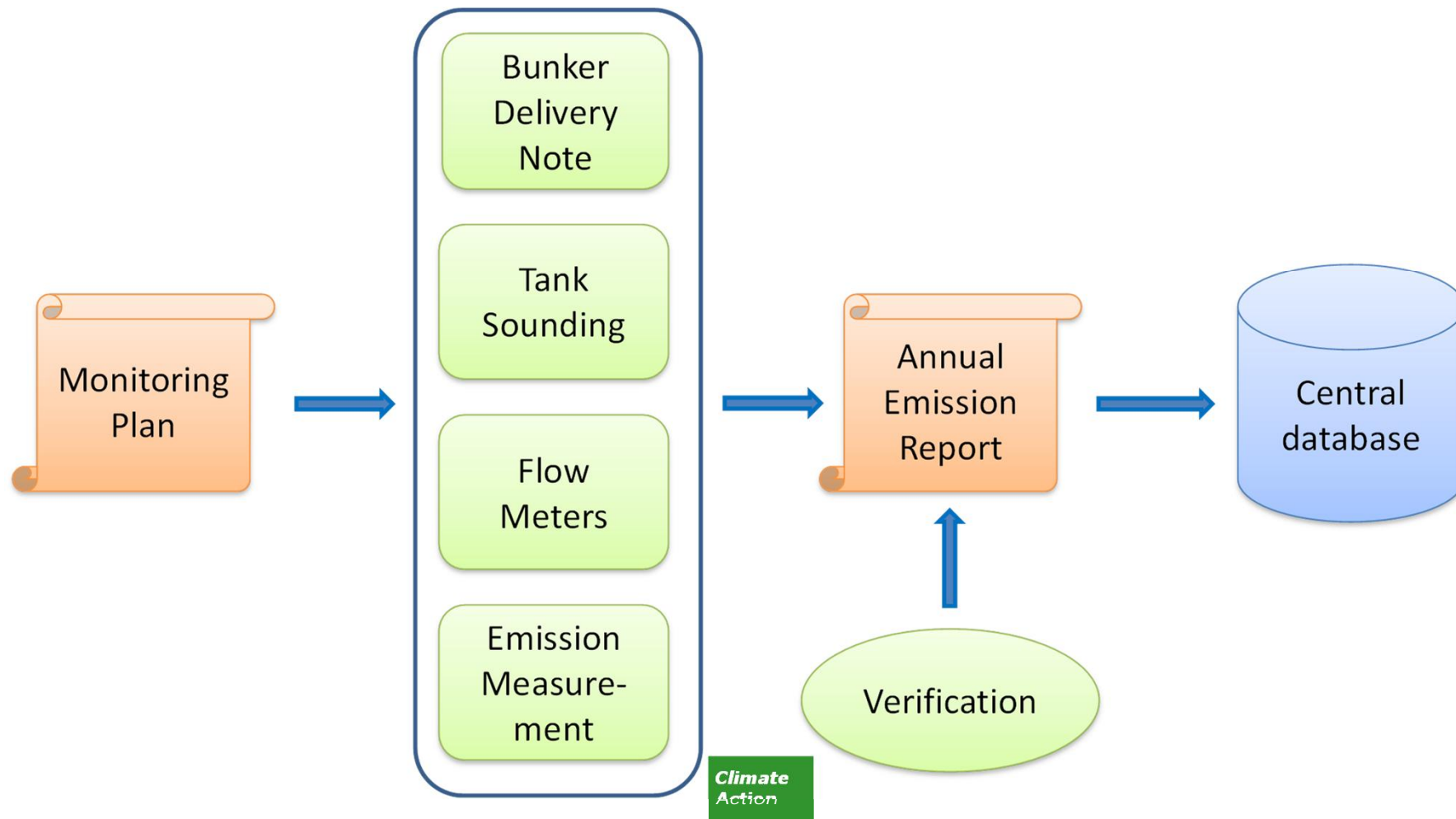
Official Journal of the European Union		L 123
English edition		Volume 58 19 May 2015
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REGULATIONS		
* Regulation (EU) 2015/751 of the European Parliament and of the Council of 29 April 2015 on interchange fees for card-based payment transactions (*)		1
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* Regulation (EU) 2015/753 of the European Parliament and of the Council of 29 April 2015 on the import into the Union of agricultural products originating in Turkey		23
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* Regulation (EU) 2015/755 of the European Parliament and of the Council of 29 April 2015 on common rules for imports from certain third countries		33
* Regulation (EU) 2015/756 of the European Parliament and of the Council of 29 April 2015 suspending certain concessions relating to the import into the Union of agricultural products originating in Turkey		50
* Regulation (EU) 2015/757 of the European Parliament and of the Council of 29 April 2015 on the monitoring, reporting and verification of carbon dioxide emissions from maritime transport, and amending Directive 2009/16/EC (*)		55
* Regulation (EU) 2015/758 of the European Parliament and of the Council of 29 April 2015 concerning type-approval requirements for the deployment of the eCall in-vehicle system based on the 112 service and amending Directive 2007/46/EC		77
* Regulation (EU) 2015/759 of the European Parliament and of the Council of 29 April 2015 amending Regulation (EC) No 232/2009 on European aviation (*)		90
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Corrigenda		
* Corrigendum to Regulation (EU) No 370/2014 of the European Parliament and of the Council of 3 April 2014 establishing the European Voluntary Humanitarian Aid Corps ('EU Aid Volunteers initiative') (OJ L 122, 24.4.2014)		122



## MRV Regulation: Scope

- *Ship voyages related to the EU*
- *Flag-neutrality*
- *Exclusion of small emitters below 5000 GT*
- *Exclusion of special ships (e.g. military, fishing)*
- *Focus on CO<sub>2</sub> as predominant greenhouse gas emission from ships*
- *Ship efficiency (expressed by 6 different indicators for technical and operational efficiency)*

# MRV Regulation: Lean approach using existing documents and tools



## International dimension of EU MRV Regulation

- *EU measure as contribution to global MRV discussions leading to adoption of global data collection system in October 2016*
- *Review of EU-MRV in the event of agreement on global MRV (to avoid double reporting)*
  - *Preparation of Inception Impact Assessment (Roadmap) for review process*
  - *Comparison of all elements ('MRVP') once all IMO Guidelines adopted, followed by Impact Assessment*
  - *Intensive stakeholder consultations envisaged*
  - *Commission to propose amendments to EU-MRV, if appropriate*

Thank you for your attention!



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*[http://ec.europa.eu/clima/policies/transport/shipping/index\\_en.htm](http://ec.europa.eu/clima/policies/transport/shipping/index_en.htm)*