

# Presentation

Global Adoption of MFM system via  
Standardisation, Policy Engagement and  
Industry Best Practices



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# The voice of the global bunker industry



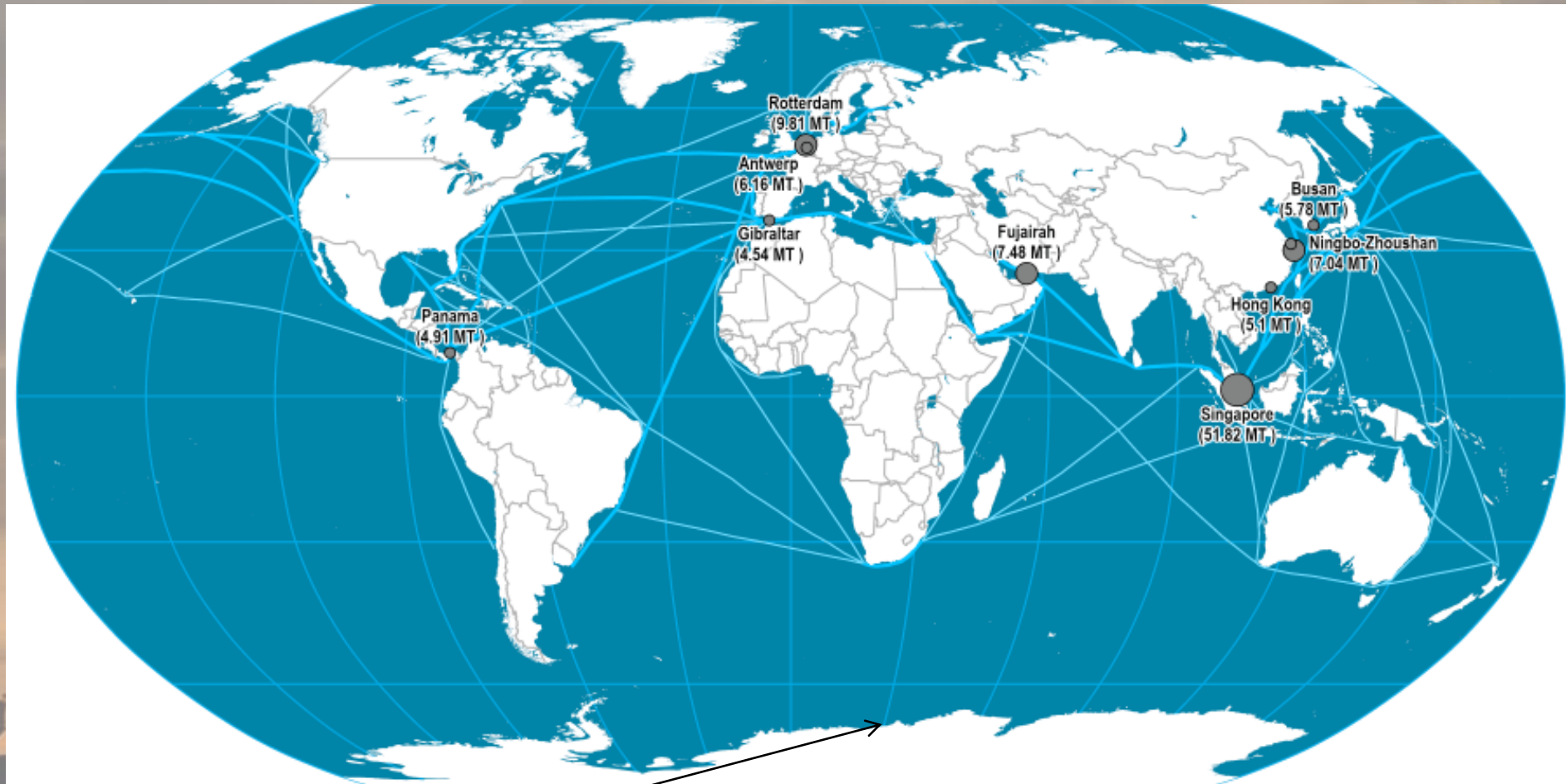
- IBIA represents members globally across the entire industry value chain
- IBIA has consultative status at the IMO and actively lobbies on the industry's behalf
- IBIA partners with other industry stakeholders to achieve mutual goals

# Aims of our Association

- Provide an international forum for bunker industry issues
- Represent the global marine fuels industry in discussions and negotiations policy makers, legislators and other groups and bodies
- Promote better understanding, professionalism and cooperation between all stakeholders through communication and education
- Shape and influence the future of the marine fuels sector
- Develop and promote best practices and standards



# Global Adoption of the MFMs



*Credit: Source*

# Why MFMs Matter?

Before i.e. Manual Measurement	After: With MFM Systems
Disputes over delivered quantity	Accuracy in measurement
Delays in settlement	Transparency in transactions
Inaccuracy in gauging	Efficiency in operations
Mistrust between buyer & supplier	Trust in the supply chain
	Carbon accountability enabled

# Standardisation: Foundation for Trust



# Policy Engagement: Driving Adoption

Policy Momentum	IBIA's Role in Driving Adoption
Singapore – mandatory MFM adoption since 2017 (disputes reduced significantly)	2022 IBIA–BIMCO Survey: 8.43/10 support for MFMs, 8.51/10 for licensing schemes Accelerated Antwerp & Rotterdam's plan to mandate MFMs
Other ports: Sohar (Oman) & Ceuta (Med)– mandating MFMs aligned with ISO 22192 from 2025 Rotterdam & Antwerp–Bruges – mandates planned from 2026 Hong Kong, Fujairah, China – exploring or piloting MFM adoption	Global capacity building – training delivered in Antwerp, Rotterdam, and upcoming in Hong Kong during IBIA Convention at Hong Kong Maritime Week, in partnership with Metcore International Pte Ltd.
Government role – enforcement, regulation, and incentives drive adoption	Global advocacy at IMO, ISO and regional forums on standards, training & integrity
Collaboration with policymakers ensures credibility & acceptance	Sharing Singapore's story: using Singapore as a case study of dispute reduction, efficiency, and trust to inspire other ports.

# Singapore as a Living Case Study

IBIA, Metcore, TFG Marine & VPS hosted representatives from the ports of Rotterdam & Antwerp–Bruges

Firsthand exposure to Singapore's MFM ecosystem: regulators, suppliers, surveyors.

Built confidence, reinforced Singapore as a model of trust & transparency.





# Industry Best Practices: Building Integrity in Operations

- ✓ Calibration & Verification → System Integrity
- ✓ Training of bunker tankers crew and bunker surveyors → consistency in operations
- ✓ Digitalisation & data integration → barge-to-vessel-consumption transparency
- ✓ Lessons from Singapore → fewer disputes, more efficiency

# Global Adoption Pathway for MFMs

2026 → Short  
Term

- Regional adoption by key hubs

2030 →  
Medium  
Term

- Global Harmonisation
  - ISO 22192 & IMO Guidelines aligned
  - Recognition across ports & trade routes

2040 → Long  
Term

- Default global standard
  - Integrated with carbon emissions reporting
  - MFMs as the new normal in bunkering

# The Building Blocks of a Trusted MFM Ecosystem



# Call to Action – Road to Global MFM Adoption

**Global MFM Adoption**



**Accountability**



**Transparency**



**Trust**



# Conclusion



*Source*





# THE ROLE OF MASS FLOW METER SYSTEM

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Strengthening Accountability and Transparency  
in the Future of Bunkering

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Tuesday 18 November 2025  
The Harbourview Hotel,  
Hong Kong

In partnership with





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**Part of Hong Kong Maritime Week 18 – 20 November 2025**





# ALTERNATIVE FUELS

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Training Course

Tuesday 18 November 2025

The Harbourview Hotel,  
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