

# Committee Session 5.3 WOC5 Study Group 5.3 Final Report

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WEDNESDAY 6TH JUNE  
9.45 - 11.45  
LEVEL 4 - ROOM 403/4



# SG5.3 Final Report

## Strategic trends for Sustainable Development

### Methane– Transportation Fuel of the XXI Century

- NGV Report 2009 – 2012 is a **joint effort** performed by **IGU** and **UN ECE** and supported by **NGVA Europe, NGV Global, ANGVA, NGV America** and **ALGNV** to make Report more comprehensive.
- Contribution from international team of **88 Experts** from **65 Companies** out of **30 Countries**
- NGV Report was **presented to and approved by:**
  - UN ECE Working Party on Gas in January 2012, Geneva;
  - S.G. 5.3 and WOC 5 in March 2012, Prague
  - Committee Session 5.3 in June 2012, Kuala-Lumpur
- NGV Report 2009 – 2012 is the **70 Mb, 264 pages** document with **169 pictures & figures, and 24 tables**



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### Methane– Transportation Fuel of the XXI Century

### Structure of the Report:

- Acknowledgements, Introduction, Executive Summary, Abbreviations, References
- Market Profile: World, Continents, Countries
- Minimum Refuelling Infrastructure Needs for Europe
- EU Emissions Policies and its Impact on the European NGV Market
- Fuelling of LNG/L-CNG Vehicles
- Synergy of Biomethane and Natural Gas
- Natural Gas Blends Technology GAS–HYDRO

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## Structure of the Report - 2:

- From Concept to Reality: Smart Transition to Clean Alternative Fuels
- Promising NGV Related Technologies to Enhance Efficiency and Safety
- RFID Safety System
- Appendix I: European Gashighway Project
- Appendix II: Blue Corridors on Our Planet
- Appendix III: Worldwide NGV Statistics

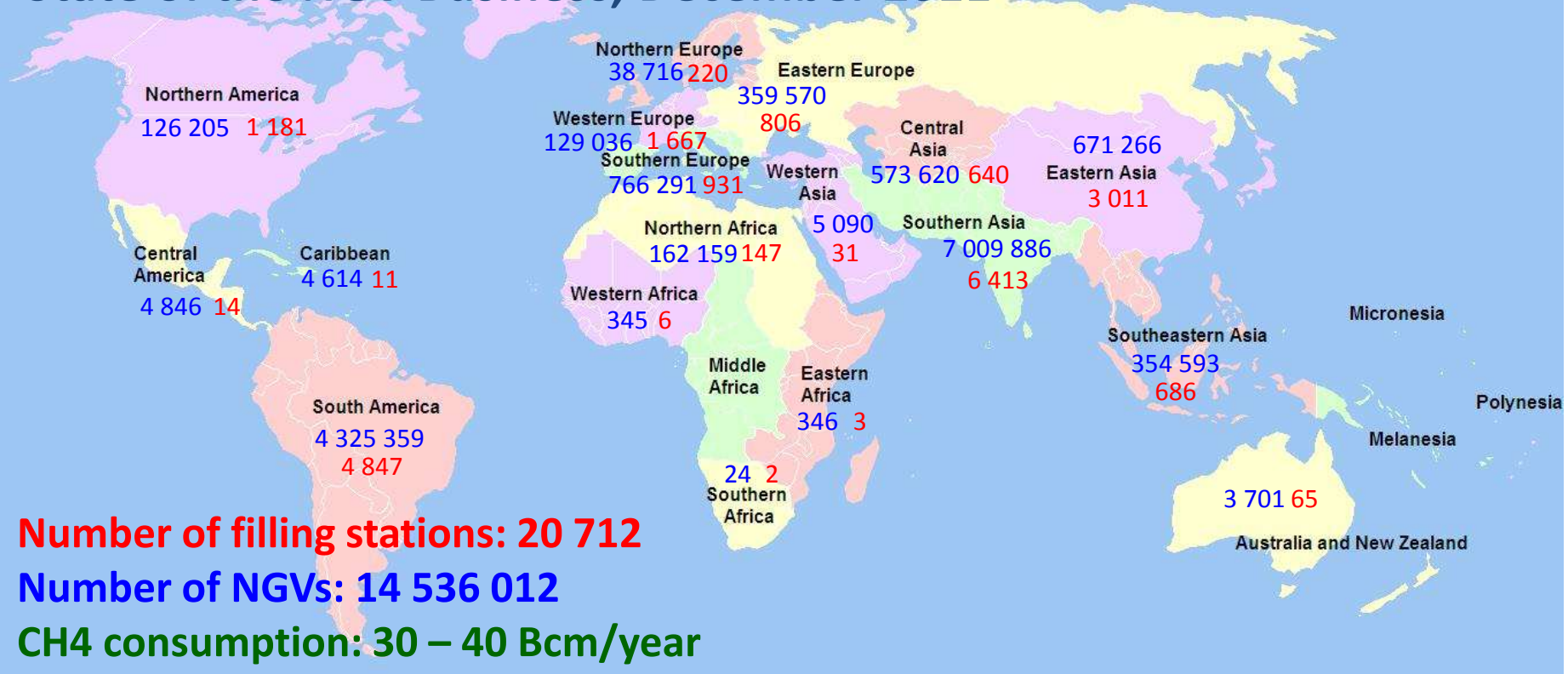


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## State of the NGV Business, December 2011



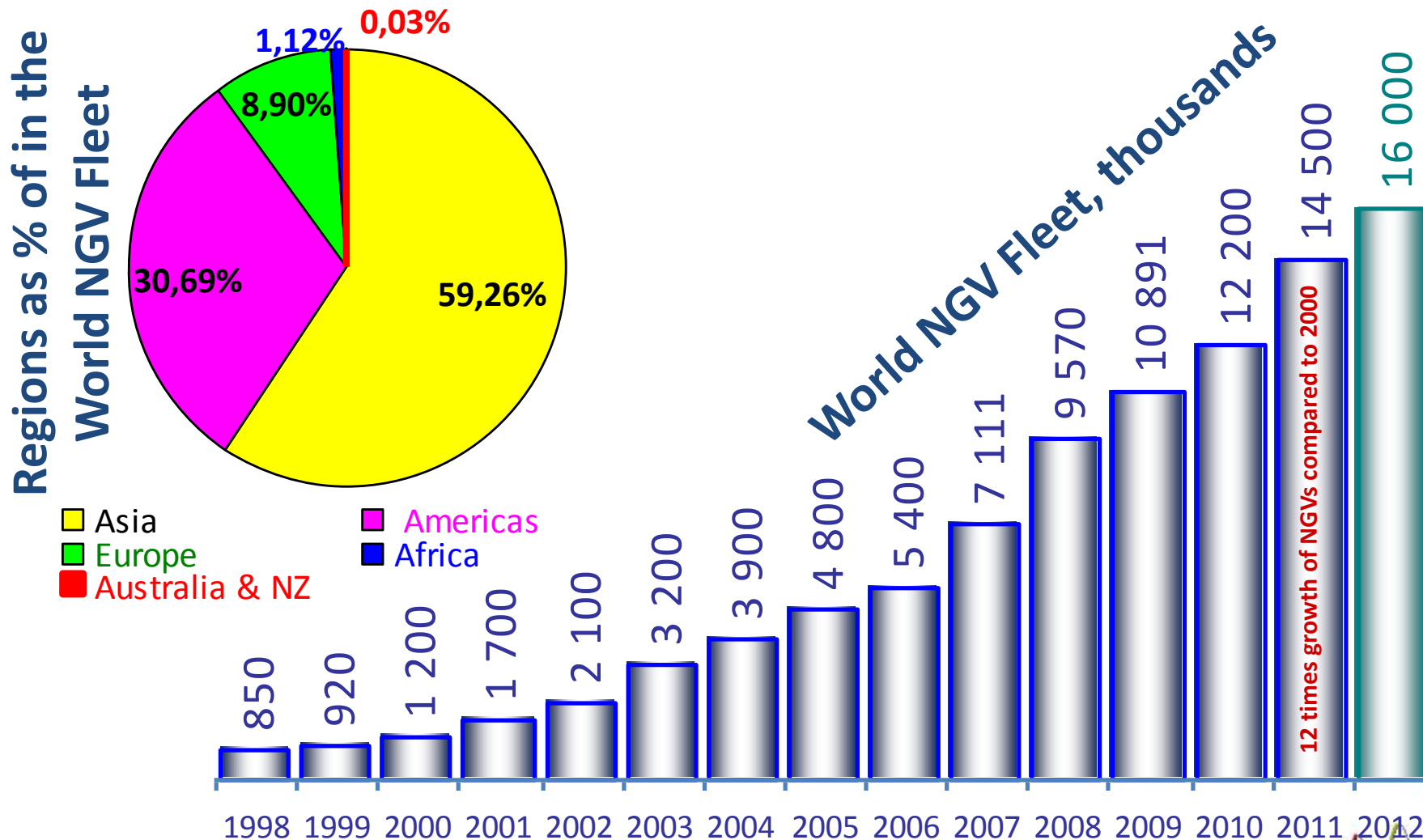
If CH4 of any origin makes 20% of the world transportation fuel pie by 2020, CO2 emissions would be reduced by 7%.



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## In Focus:

Global overview of NGV situation by continents

Minimum infrastructure needs for CH<sub>4</sub> refuelling across Europe

EU emissions policies and its impact on the NGV market.

Promising technologies

Synergy of biomethane, natural gas, hydrogen blends

Real life case studies

Blue, Green, LNG Corridors, Gas Highways

World statistics



# Thank you for your attention

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