



# Industry recommendations on Guarantees of Origin

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**33<sup>rd</sup> Madrid Forum**  
**23<sup>rd</sup> – 24<sup>th</sup> October 2019**

Principles

## Technical dimension

Security and Interoperability of gases are also priorities

Enhanced gas quality management

Transport of new gases

## Market dimension

Maintaining & developing the internal EU Gas Market

Sector Coupling

Integration of H<sub>2</sub> in the gas market

## Climate dimension

Support integration of renewable energy sources

Pan-EU GO market

CO<sub>2</sub>

Today's focus



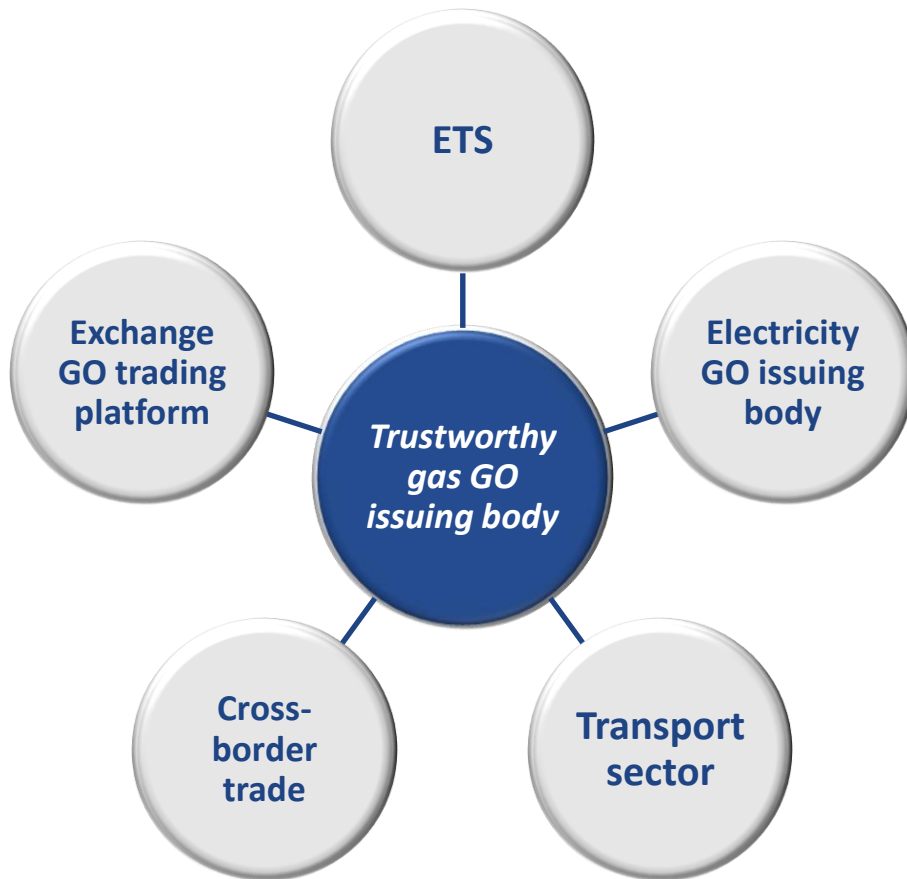
Action plans

Topics to develop :

Cross-dimensional aspects :

1. Regulatory sandbox will be the enabler to experiment before scaling-up
2. Security of Supply should always be preserved

## What we want to achieve : an EU-wide market

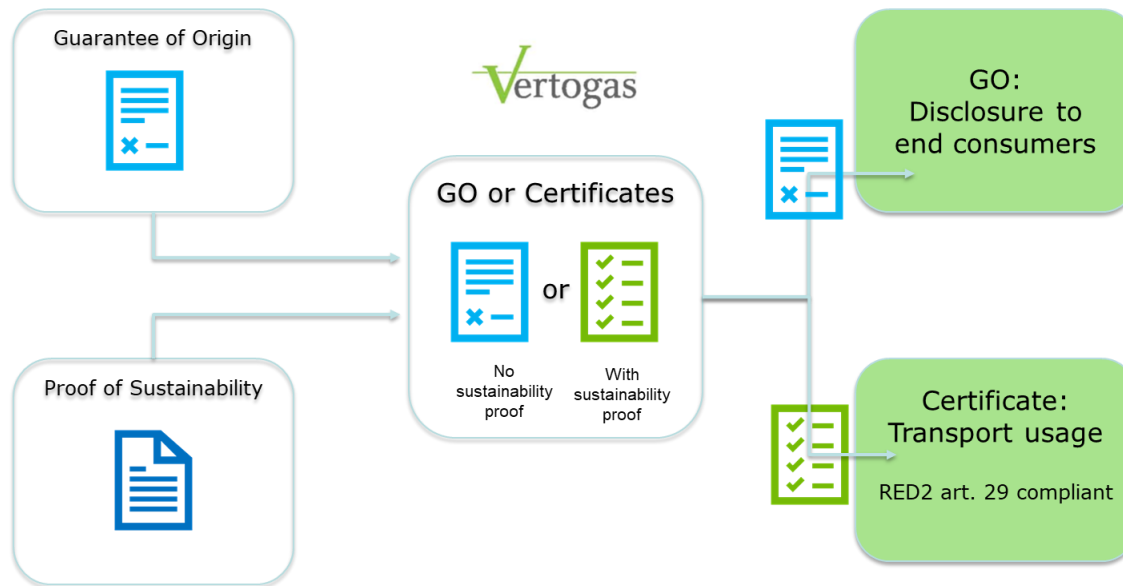


Before RED II, national gas GO registers were already successfully set and developed

↓  
RED II  
Implementation

- > National solutions will have to be compatible cross-border and cross-energy carriers (CH<sub>4</sub>, H<sub>2</sub> and electricity)
- > **Pan-European solution should also be put in place...**
- > **... for renewable and for non-renewable low carbon gases**

## Example of issuing body for both GOs and certificates for all renewable gases : Vertogas in the Netherlands



- Dutch GO scheme for all renewable gas
  - Biomethane
  - Hydrogen (under development)
  - CO<sub>2</sub> (under development)
  - CNG & LNG non grid (under development)
- Mandated by Ministry for Economic Affairs and Climate.



## How do we get there ? (1/2)



By considering Prime Movers recommendations addressed to :

### □ The Commission

#### ➤ Decarbonisation package

- mirror the disclosure obligation of the Electricity Directive
- include disclosure obligation for non-renewable low carbon sources

#### ➤ RED II follow up by delegated act (art.28.7 assessment, art.28.5)

- Guidelines to avoid double disclosure from GO and sustainability/target certificate protocols. Prime movers propose to consider using GO as basic unit with additional information inserted for target compliance certificates.
- Guidelines to avoid double counting of CO<sub>2</sub> captured for synthetic methane

#### ➤ A future RED III

- Extend GO obligation to include all low carbon gases.

#### ➤ Performance standards for new Heavy Duty Vehicles regulation

- Assess the possibility of using GO for CO<sub>2</sub> emissions under this regulation

## How do we get there ? (2/2)

By considering Prime Movers recommendations addressed to :

- ❑ Member States
  - Develop GOs for low carbon gases from non renewable sources when transposing REDII into national law
  - Those GOs should have the same features as GOs for renewable gas
  - Member States should ensure compatibility with ETS and especially regulation 601/2012 (amended via 2018/2066) “Monitoring and Reporting GHG Emissions”.
  
- ❑ The gas industry regarding the revision of the CEN 16325 standard
  - Ensure compatibility of GO among different energy carriers and cross-border
  - Develop standard for GO for non-renewable low carbon gases
  - Consider compatibility with GO schemes already in place

# Timeline

