

**Webinar**

# Programme

**Carbon  
Accounting**



**Eric van den Heuvel**  
sGU | Moderator

**Q&A**



**Carlo  
Hamelinck**  
sGU - studio Gear Up

**Focus on EU-RED method**



**Matteo  
Prussi**  
Politecnico Torino

**A tool for decarbonising  
civil aviation**

**-**



**Sanne Frías  
Henriksen**  
Maersk

**An approach for emission  
reduction in maritime sector**

**+**

**28 August,  
12:30-14:00 CET**

**Discussion**

**=**

# Carbon accounting is a method to calculate the climate impact for anything

Of a single factory, site or company:



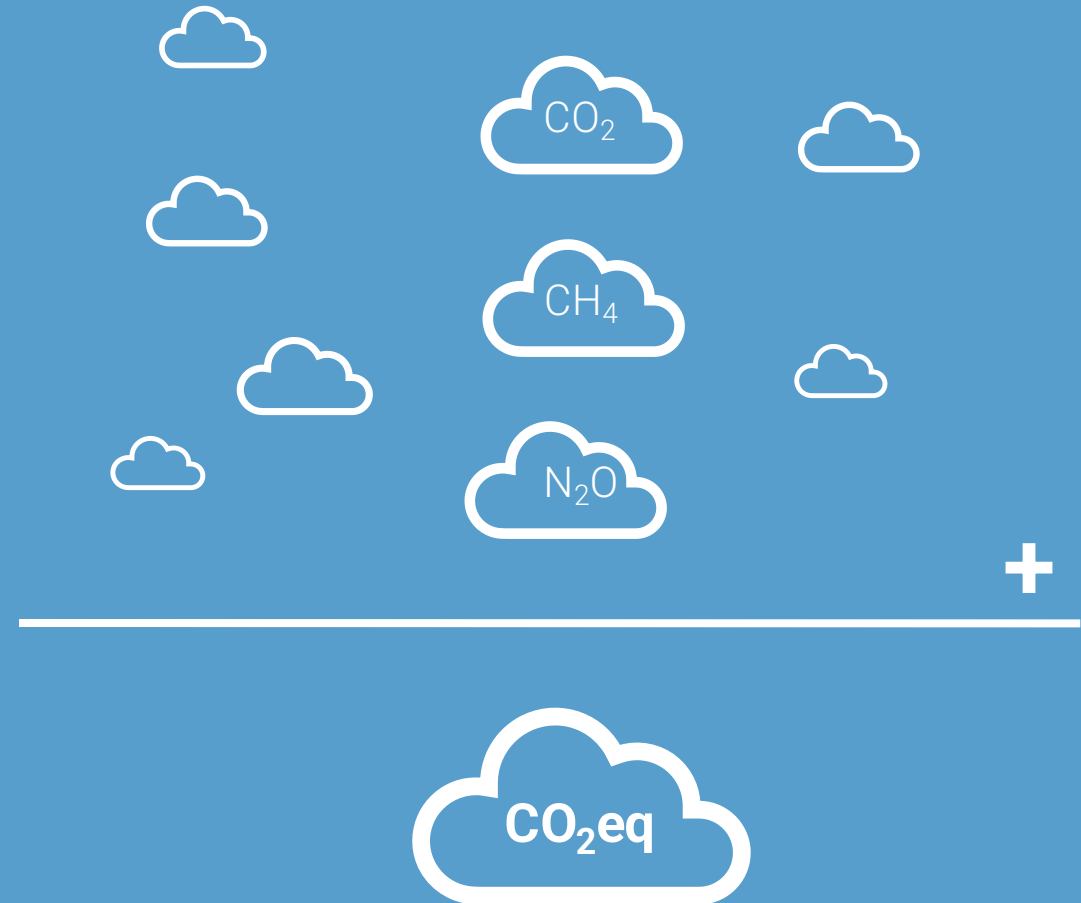
Of individual products:



Of countries:



The impact is calculated by adding up all climate emissions that are caused by the activities:



# Carbon accounting occurs under different contexts and with different methodologies

Of a single factory, site or company:



**Voluntary market**

e.g. GHG Protocol

**Regulated market**

e.g. ETS

Of individual products:



e.g. ISO, PEF (LCA)

e.g. US-GREET, EU-RED (LCA)

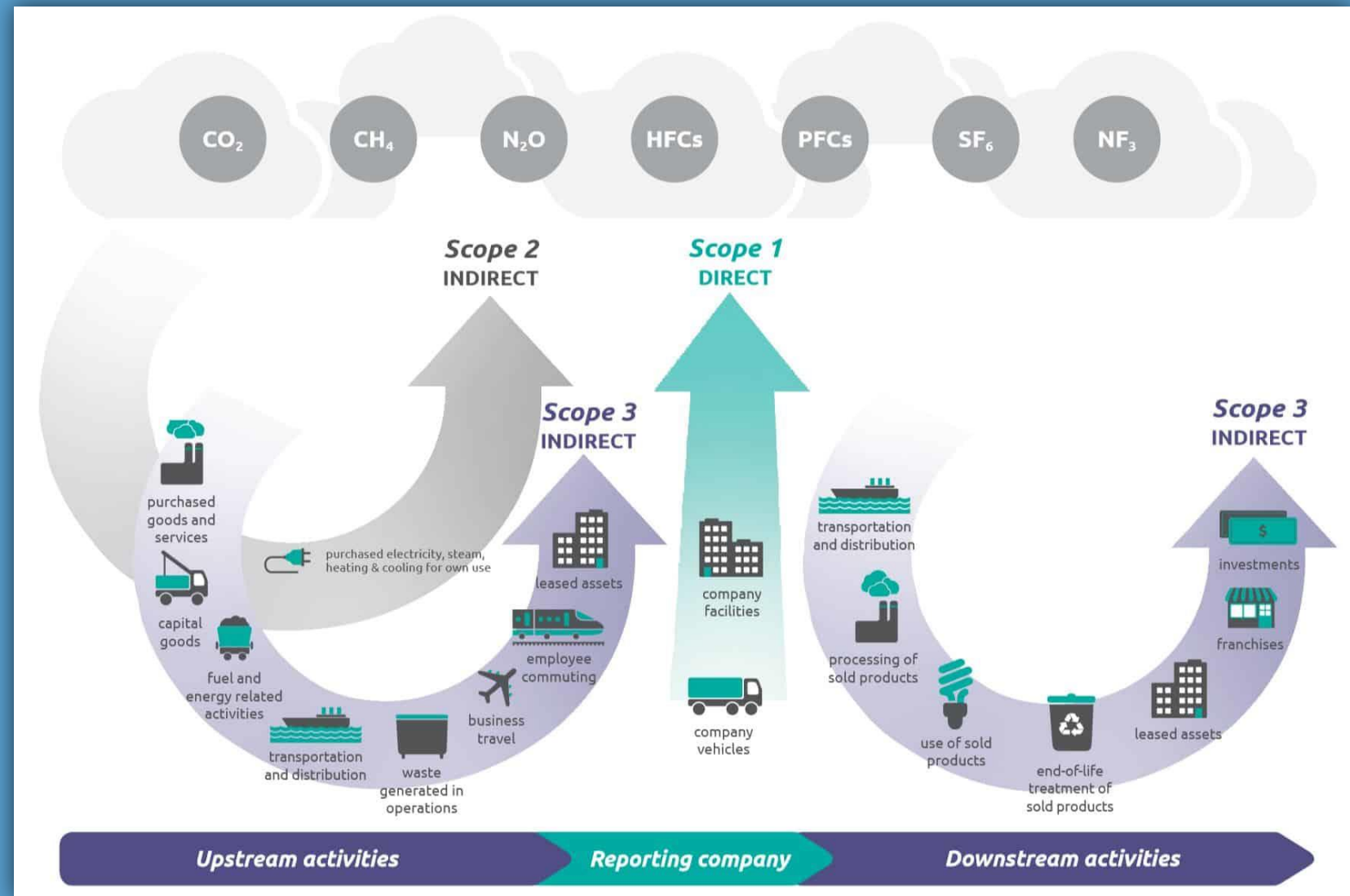
Of countries:



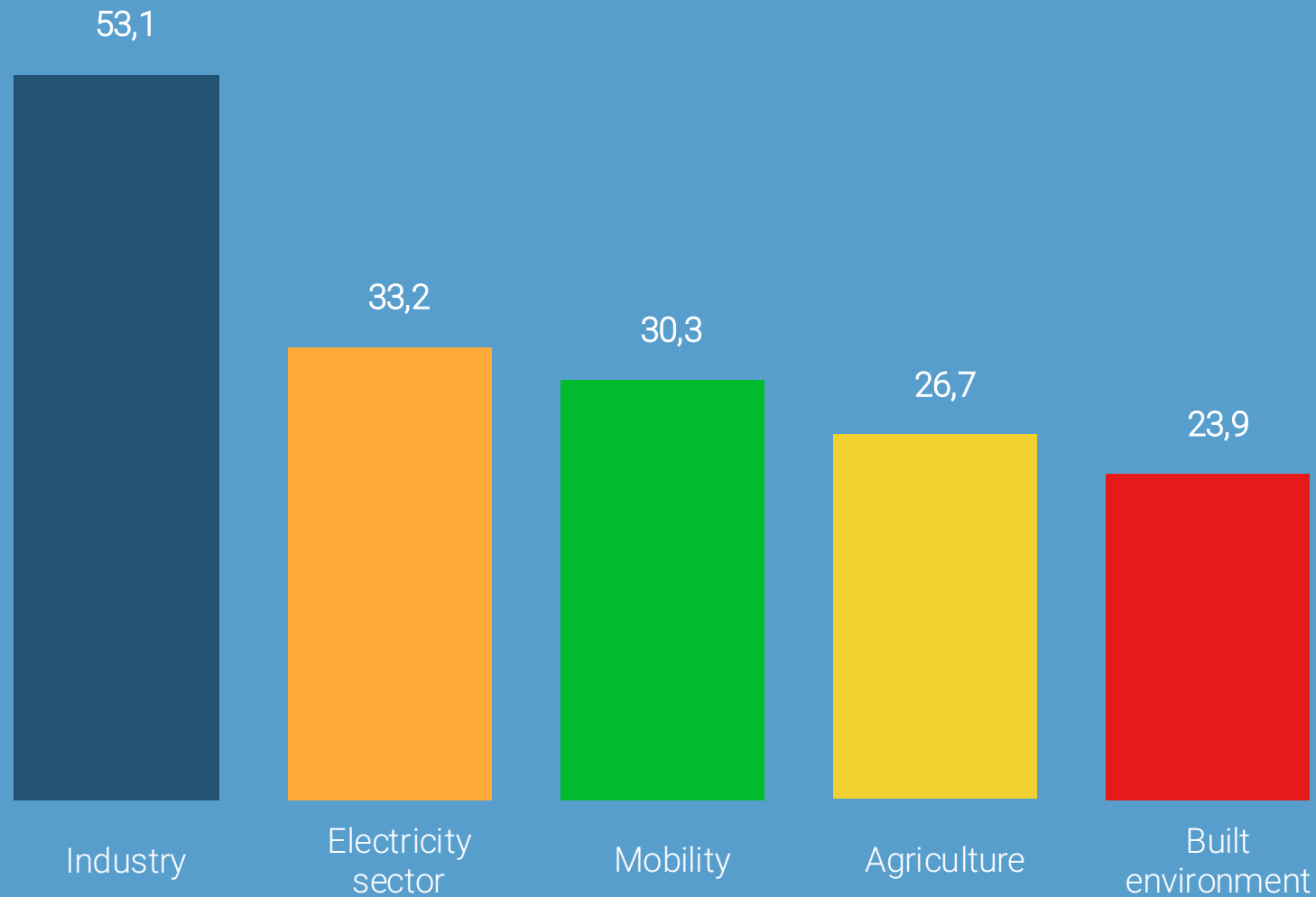
e.g. IPCC National Accounting

# The GHG Protocol Accounting and Reporting: Company level reporting

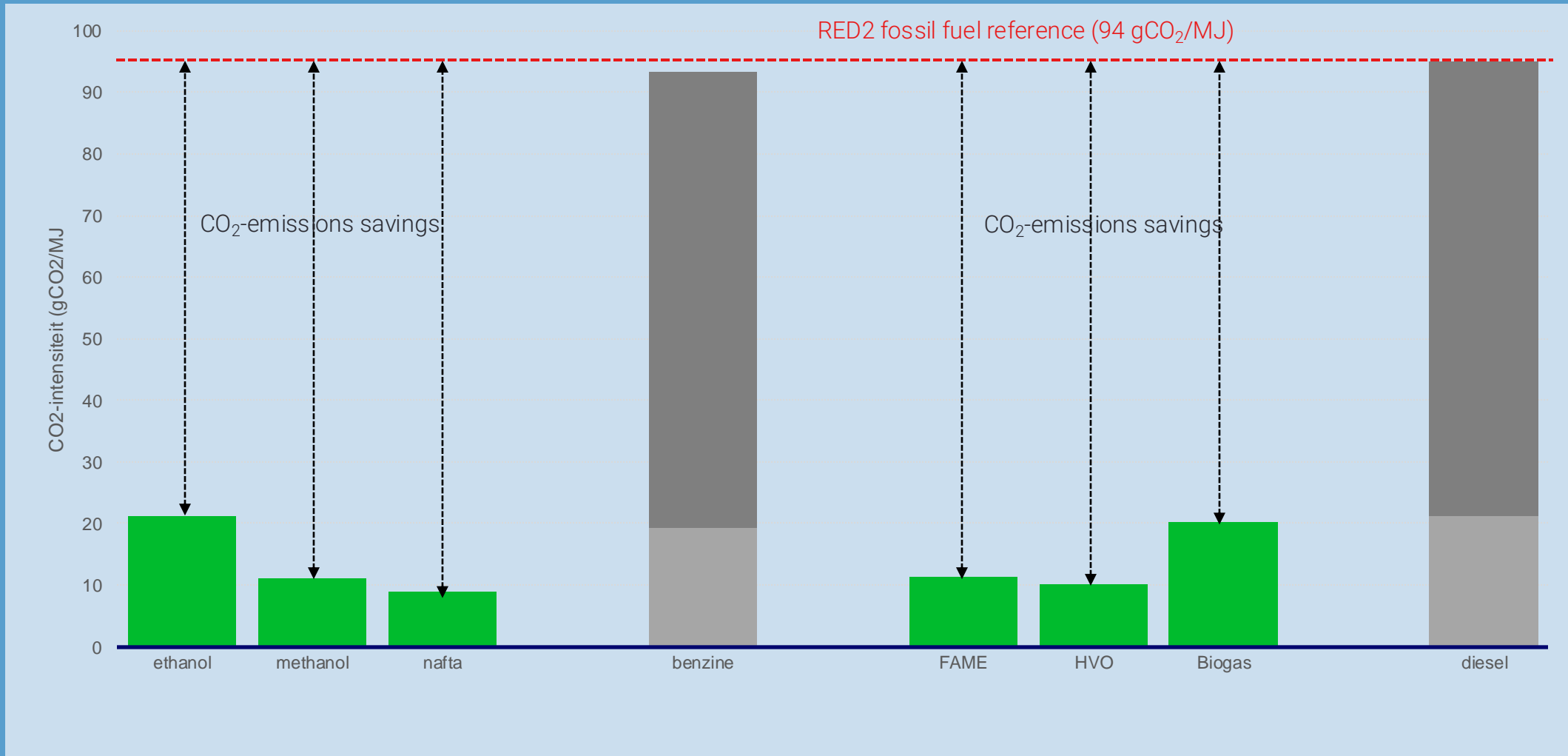
- **Scope 1 emissions:** direct emissions from owned or controlled sources
- **Scope 2 emissions:** indirect emissions from the generation of purchased energy
- **Scope 3 emissions:** all indirect emissions (not included in scope 2) that occur in the value chain of the reporting company, including both upstream and downstream emissions



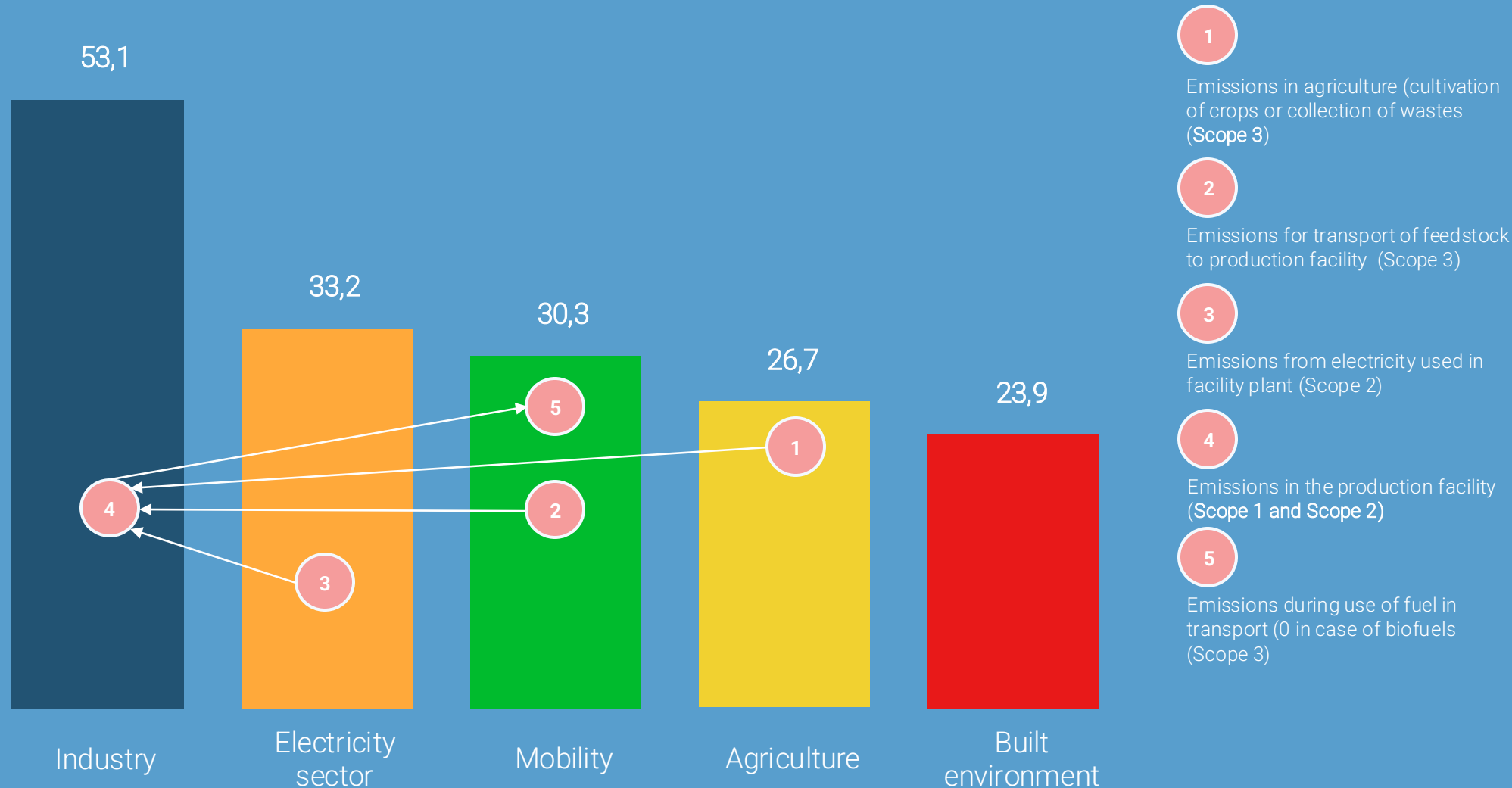
# CO<sub>2</sub>-emission accounting in national reporting: stack emissions per sector (example of the Netherlands, 2019- figures)



# Typical GHG savings for renewable fuels in NL compared to fossil



# These three perspectives overlap in real life practice of the production chain and deployment of a renewable fuel



**An important take-away when listening to the three keynote presentations:**


**Not all reported CO<sub>2</sub>-targets are equal,  
because there are different...**

- **Contexts**
- **Methodologies**
- **Reporting purposes**
- **Sectoral approaches**

**Awareness of these differences is material**



# Webinar 'etiquette'

- Please **mute** your microphone
- In case of a question:
  - Use the 'Raise your hand' icon 
  - (And lower it afterwards)
- A question in the Chatbox:
  - Indicate at the beginning of your question the person's name to whom the question is addressed
    - **CH**: Carlo Hamelinck
    - **MP**: Matteo Prussi
    - **SH**: Sanne Henriksen
    - **EvdH**: Eric van den Heuvel
  - Afterwards, the PDFs of the slidedecks will be made available for download at via **the EU-India SGAB website**
- Enjoy the webinar!



# Contact details



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