



# Towards A Netherlands Climate Agreement 2018

## Process Outline industry sector table

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# NL Climate Agreement 2018

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- ❑ Paves the NL path to the Paris agreement
- ❑ Preparations started in 2014/2015
- ❑ In 2017 INEK document: functional tracks
- ❑ New government coalition in 2017
- ❑ Purpose and process description in letter to the 'Tweede Kamer', February 2018
- ❑ Climate Agreement Main Table
  - tables on Industry, Built environment, Mobility, Agro/land Use and Electricity/Energy Supply
  - All tables organised and active in preparations for their (partial) agreement.
  - Extra Task groups on finance, labour, data verification
- ❑ Timing
  - Partial agreement around July 1<sup>st</sup> in general terms, combination with other partial agreements (electricity, mobility, built environment, agro/land use) leading to **49 % reduction in 2030**
  - Detailing, fine tuning and final signed agreement December 1<sup>st</sup>

# What is the purpose of the Industry sector table?



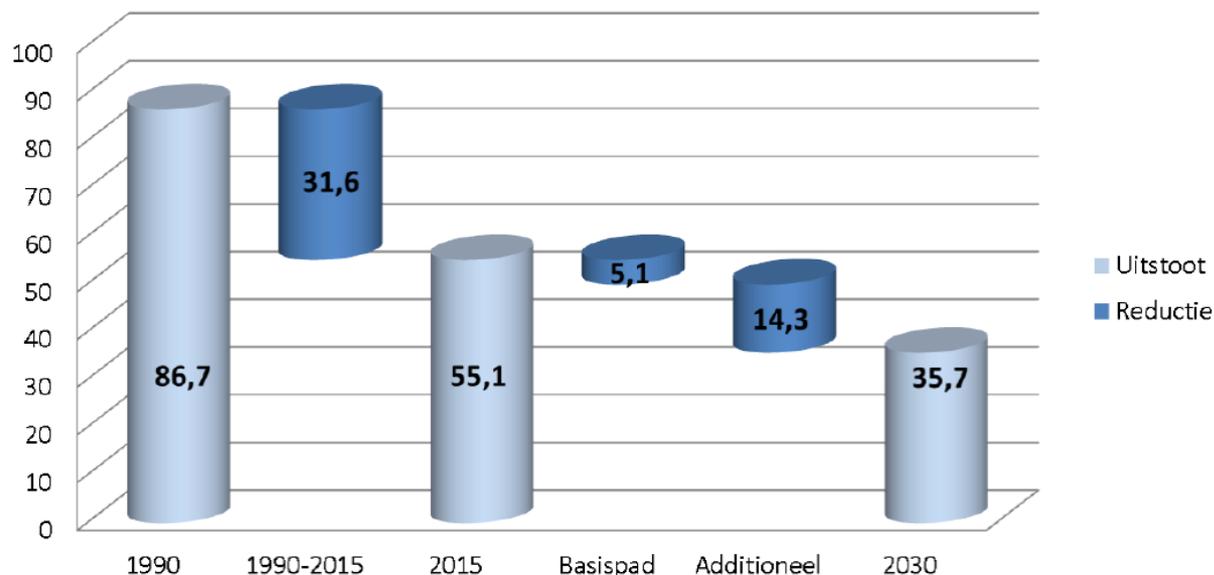
- Make an agreement as a part of the Climate Agreement
  - to meet the over-all CO2 emission reduction task of the government
  - to obtain a sustainable and competitive industry in 2050
  
- Requirements
  - a vision on Dutch industry in 2050
  - agreements on effective measures and start-up projects aimed at short-term roll-out and scale-up (projects and pilots)
  - a medium-term wide innovation agenda (2030, towards 2050)
  
- Timing
  - Mainline agreement **July 1<sup>st</sup>**, in combination with other partial agreements (electricity, mobility, built environment, agro/land use) leading to **49 % reduction in 2030**
  - Detailing, fine tuning and final signed agreement **December 1<sup>st</sup>**

# Industry reduction goal 2030 CO<sub>2</sub>- equivalent



Sector	Emissies 2015	Emissies conform basisbeeld 2030	Maximale emissies 2030 na uitvoering Klimaatakkoord	Aanvullende opgave Klimaatakkoord	Totale opgave industrie
Industrie (*)	55,1	50,0	35,7	14,3	19,4

(\*) . Voor het Klimaatakkoord zijn de AVI's ondergebracht bij de sector Industrie.



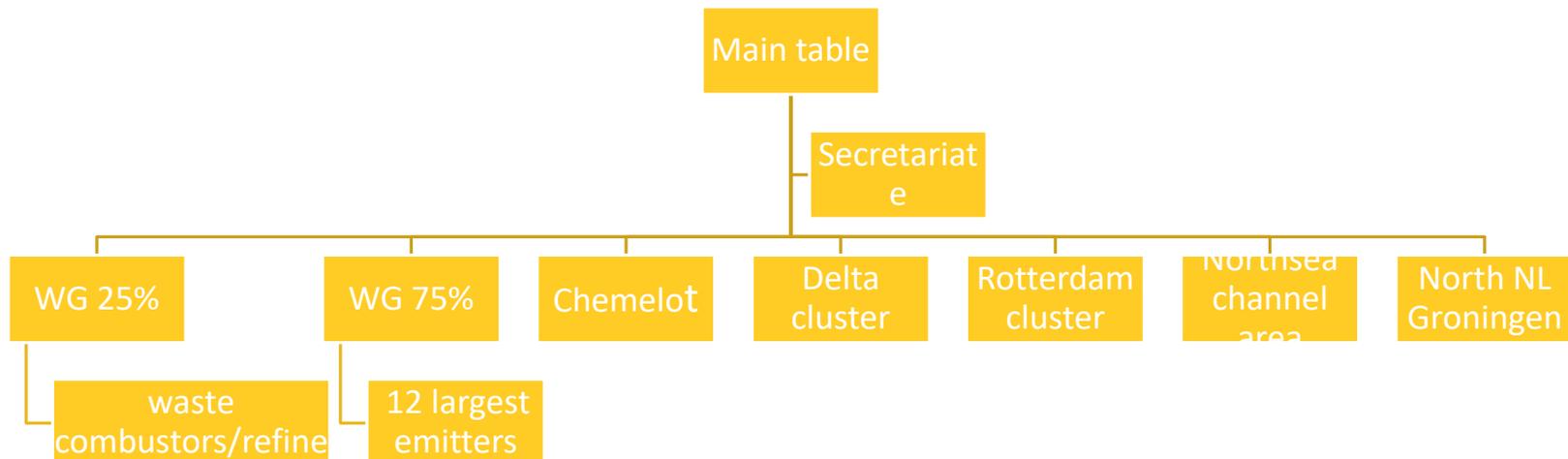
- Target CO<sub>2</sub> emission 2030: 35,7 Mton/year
- Emission reduction industry in agreement 14,3 Mton in 2030 (on top of baseline)
- Total emission reduction industry 19,4 Mton (including baseline measures) in 2030

# Structure and members industry sector table



## Main table

- Independent chair
- Chairpersons of the clusters and working groups
- Representatives NGO's
- Representative unions
- Representatives provinces and townships
- Representative Government (Ministry Economic Affairs & Climate)
- {Representatives PBL, **innovation table**, analysis group, spatial planning, wild cards}



# Process



- ❑ First meeting end of March
- ❑ Last Monday 5<sup>th</sup> meeting, one combined with Electricity table
- ❑ Discussions on targets, on obligations etc. All clusters and working groups have mobilized their members, have organized local teams, assigned studies etc. and have presented their initial plan on concrete measures, projects and infrastructure actions; expressed their needs for specific innovations
- ❑ The innovation group produced a 4-pager end of March with options and innovation needs; cross checks with clusters and WG's
- ❑ Currently refinement, quantization and ranking in time. Description in standardized 'fiches'
- ❑ Check on soundness of plans by PBL and Analysis group
- ❑ Partial Agreement on mainlines beginning July
- ❑ Refinement and detailing 2<sup>nd</sup> half 2018, further development of industry vision, Government measure development, selection of topics for Multi year innovation Programs etc.
- ❑ Climate Agreement December 1<sup>st</sup> 2018



# Current status

- ❑ **Robust solutions identified by clusters and WG's**
  - Energy Efficiency/ new processes
  - Electrification
  - Hydrogen (blue & green)
  - Biomass & Recycling (also CO/CO<sub>2</sub> )
  - CCS (Rotterdam area, North Sea canal, Delta region, Chemelot, AVR)
  - And geothermal, biogas, other raw materials, N<sub>2</sub>O reduction
  
- ❑ **Infrastructure & supply of sustainable electricity**
  
- ❑ **Industries are developing roadmaps to 2050**
  
- ❑ **Many interest groupings are developing visions and plans and make promises**
  - Biogas/green gas, hydrogen, CCS /CO<sub>2</sub>
  
- ❑ **Boundary conditions, legal & administrative barriers and potential solutions, potential financial support schemes identified**
  
- ❑ **Multi year Innovation programs in preparation**
  
- ❑ **Concrete project/infrastructure plans are being described**



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## QUESTIONS & DISCUSSION

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