



Ministerie van Infrastructuur  
en Waterstaat

# Clean Air Agreement 2020-2030

## *Focus on health*

*Karin Blaauw*

*Programme manager Clean Air Agreement*

*Ministry of Infrastructure and Water management*



# Why ?

## URGENCY CLEAN AIR AGREEMENT

**9** months

premature death (average)  
as a result of air pollution in 2016<sup>1</sup>



**11.000**

deaths/year  
as a result of air pollution in 2016<sup>1</sup>

## PURPOSE CLEAN AIR AGREEMENT



**50%**

health gain<sup>2</sup> in 2030 (compared  
with 2016) for the health  
effects from Dutch sources



**+4** months life



**4.000 - 5.000**

fewer deaths/year as a result of air  
pollution in 2030



**+ 3 tot 6** billion euros  
societal benefits/year  
in 2030



# Guiding principles Clean Air Agreement

- I. Focus on health effects
- II. Joint effort of cities / regions, provinces and national government
- III. Involving the public and business
- IV. Integration of policy/roadmaps

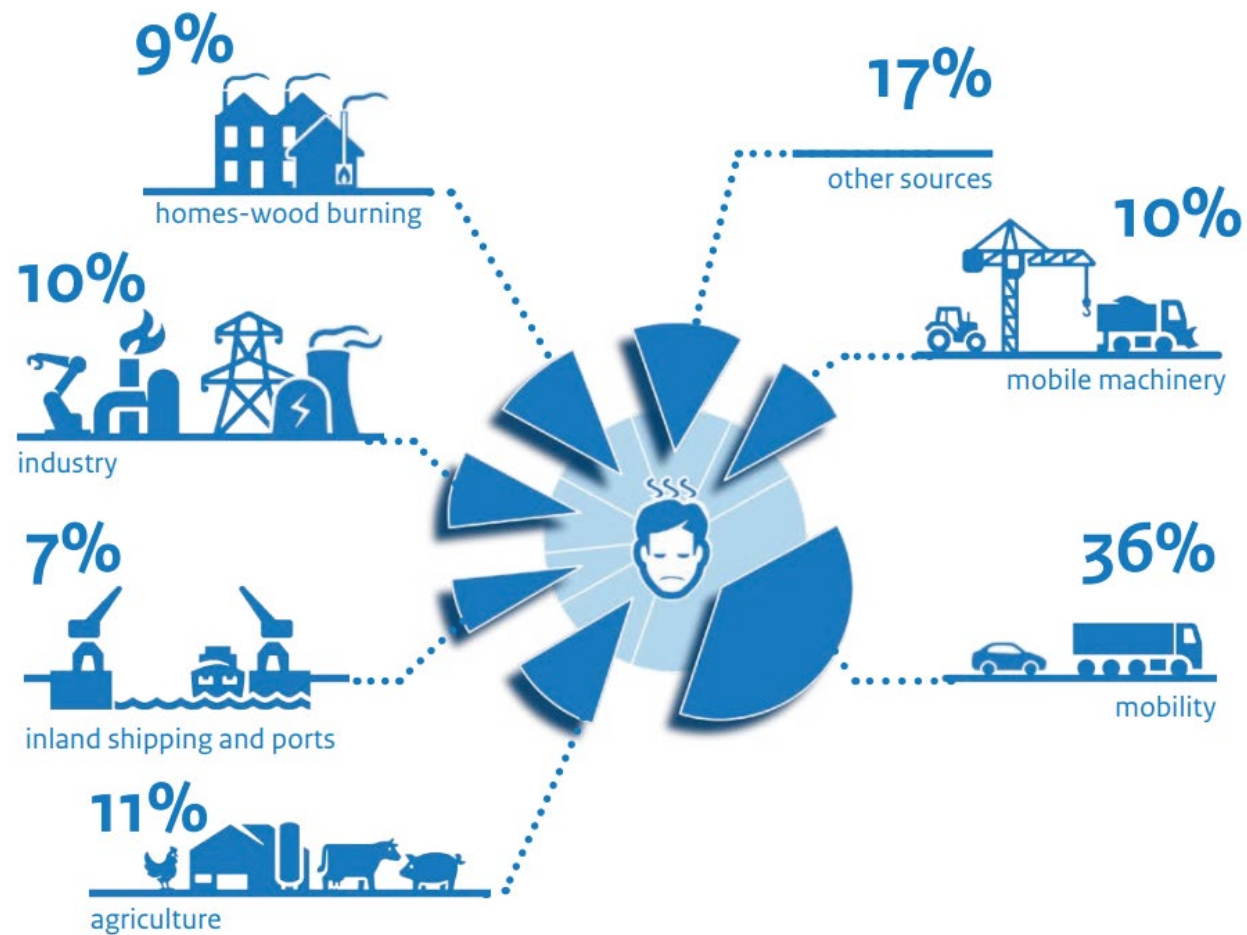


# I Focus on health effect

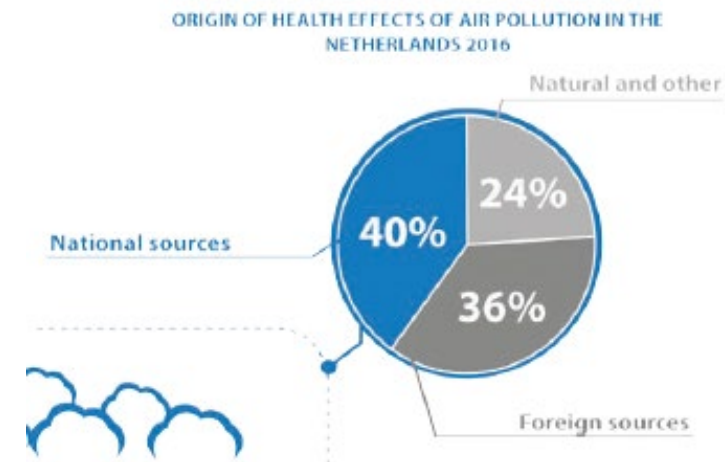
- **At least 50% reduction of negative health effects from national emissions in 2030 (+ more ambitious international policy)**
- Clean air for everybody  
-> WHO guidelines 2005 (PM<sub>10</sub>/PM<sub>2,5</sub> en NO<sub>2</sub>) in 2030  
*new WHO guidelines under investigation !*
- Improvement in all sectors (agri, industry, households, transport, shipping)



## negative health effects of NO<sub>2</sub>/PM pro sector



Contribution per sector to the health effect reduction in life expectancy. (2016)<sup>1</sup>





## II Joint effort cities, regions, provinces and national government

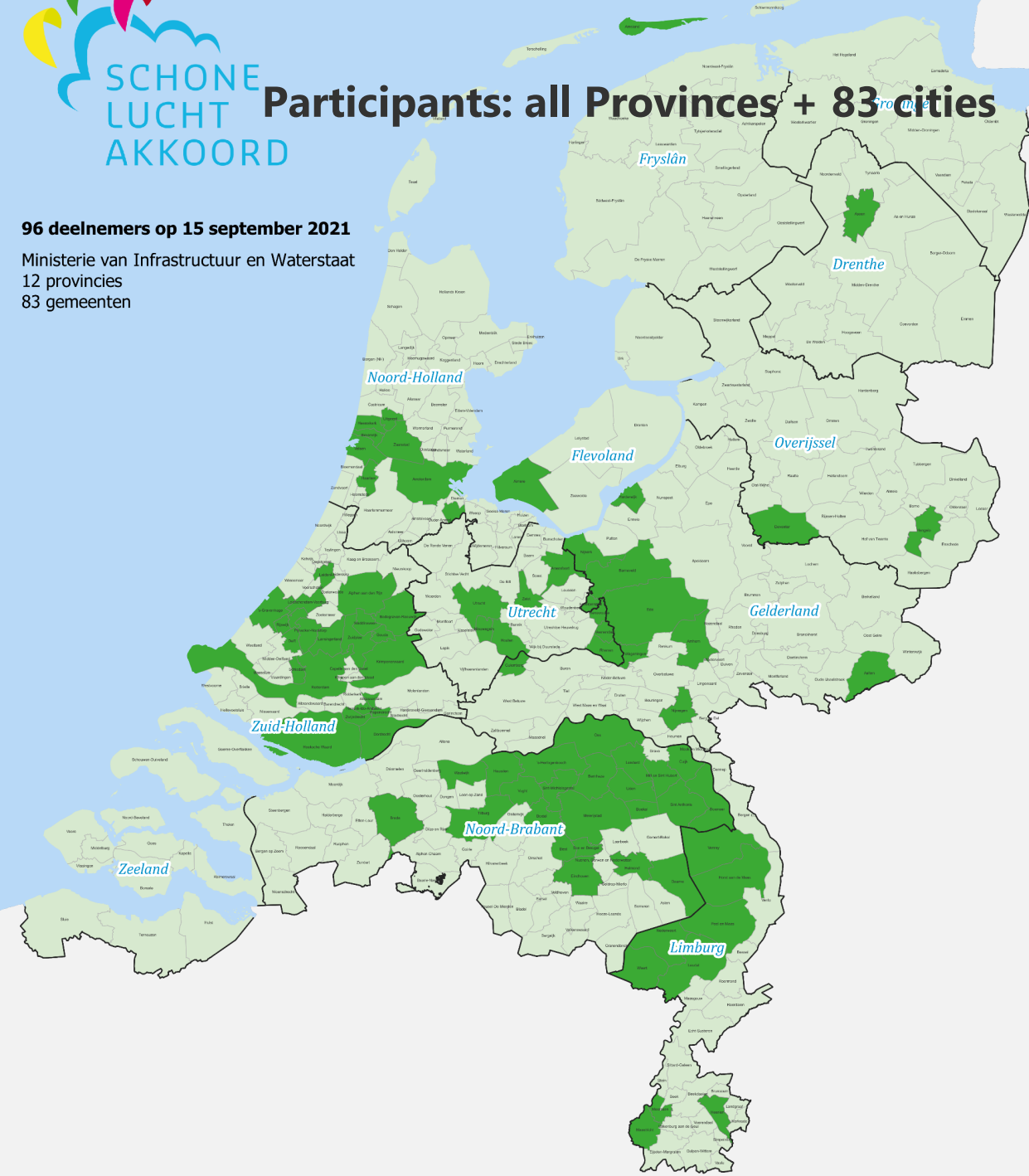
- › beyond legal requirements, thus voluntary agreement



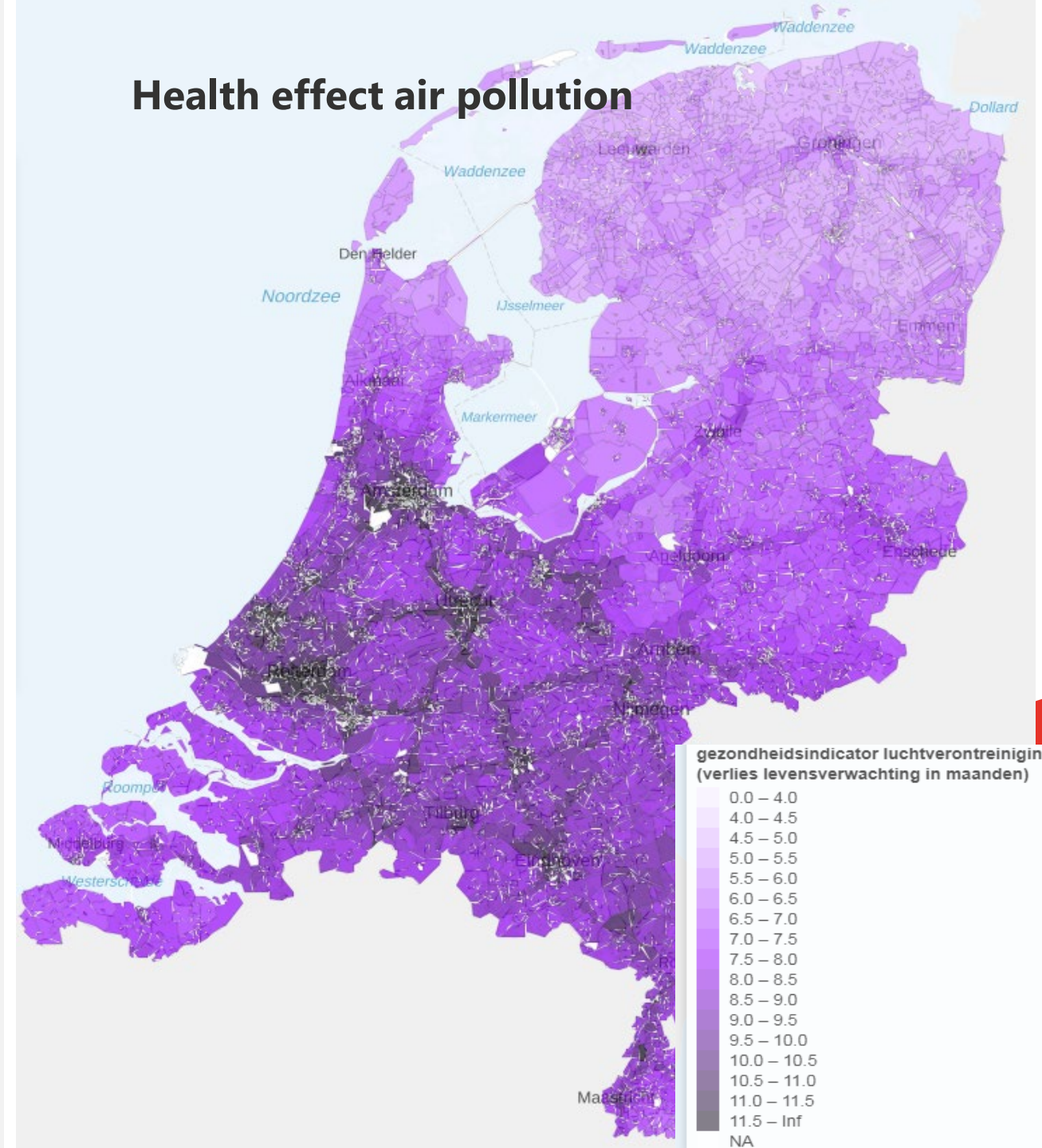


# Participants: all Provinces + 83 cities

96 deelnemers op 15 september 2021  
Ministerie van Infrastructuur en Waterstaat  
12 provincies  
83 gemeenten



# Health effect air pollution



## Working groups pro theme

- High-risk groups & hotspots
- Transport
- Mobile machinery
- Industry
- Wood burning
- Inland shipping
- Agriculture
- EU/international policy
- Participation & citizens science
- Monitoring
- Integration in other policies
- Research, development and innovation

Gevoelige groepen en  
hoogst blootgestelden



→ Hoogst blootgestelde gebieden  
en gevoelige groepen

Mobiliteit



→ Mobiliteit

Mobiele werktuigen



→ Mobiele werktuigen

Industrie



→ Industrie

Houtstook



→ Houtstook en particuliere  
huishoudens

Binnenvaart en havens



→ Binnenvaart en havens

Landbouw



→ Landbouw

EU-beleid en  
internationale inzet



→ EU-beleid en internationaal

Participatie en citizen  
science



→ Participatie en citizen science

Monitoring



→ Monitoring

Gezondheidsdoelen  
Omgevingswet



→ Gezondheidsdoelen

Kennisagenda



→ Kennisagenda





# Involving the public and business

1. Consultation
2. Participation & co-creation
3. Youth panel
4. Citizens science
5. Communication





## IV Integration of policy/roadmaps

1. climate policy & energy transition
2. biodiversity (reduction of nitrogen),
3. healthy cities / spatial planning

Roadmap towards clean and 0-emission building equipment.  
Climate + biodiversity (Nitrogen) + health (PM + NO<sub>2</sub>)





# More information

- > [www.schoneluchtakkoord.nl](http://www.schoneluchtakkoord.nl)
- > [schoneluchtakkoord@minienw.nl](mailto:schoneluchtakkoord@minienw.nl)
- > [Clean Air Dialogue magazine](#)
- > [Brochure National Air cooperation programme](#)



Thank you for your attention !

