



From
the Earth.
To
the Earth.



Ministry of Agriculture, Nature and
Food Quality

How do we reach our climate goals in The Netherlands for agriculture?

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Climate goals of The Netherlands

1. 30% reduction of our greenhouse gas emissions in 2020 compared to 1990 levels.
2. Reach a share of renewable energy of 20% by 2020.
3. Double the rate of yearly energy efficiency improvement from 1 to 2% in the coming years.



How do we reach our national climate goals?

Clean and Efficient. New energy for climate policy

- market instruments
- standards
- financial instruments
- innovation
- climate diplomacy
- agreements



Agreements (1)

1. Clear and general support for the issues.
2. The government needs public and social authorities to achieve goals.
3. The public and social authorities needs the government for financial instruments and permitting procedures.
4. The introduction of legislation would take more time.



Agreements (2)

5. Bottom-up methods provides better support.
6. Bottom-up methods can be tailored to businesses.
7. It is difficult not to comply or to withdraw from an agreement when it is accompanied with positive publicity.
8. There are no enforcement problems and costs.



Agricultural agreement

The agricultural agreement was signed in June 2008.

Participants

- Ministry of Agriculture, Nature and Food Quality, Ministry of Housing, Spatial Planning and the Environment, Ministry of Economic Affairs, Ministry of Finance
- Organisations representing Dutch farmers, horticulturists, flower bulb growers, mushroom growers, food industry, feed industry, wood industry, landowners, agricultural logistics



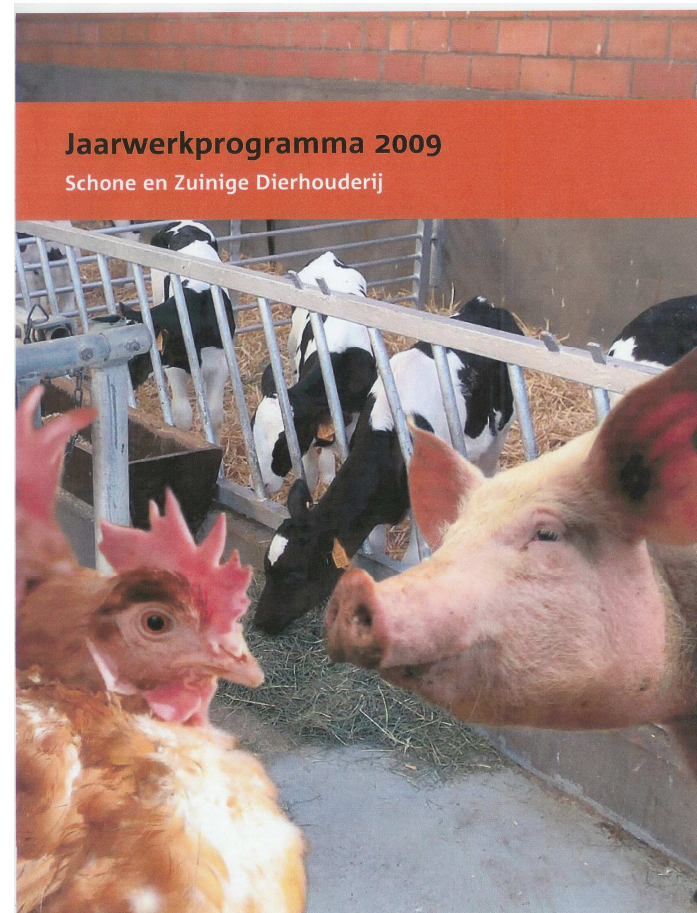
Goals agricultural agreement in 2020

1. The emission of CO₂ will be reduced by 3.5 to 4.5 Mton CO₂ equivalents.
2. The emission of non-CO₂ greenhouse gases will be reduced by 4.0 to 6.0 Mton CO₂ equivalents.
3. The amount of renewable energy produced will be around 200 PJ. For instance with wind power and the use of inland biomass.
4. The energy efficiency will be improved by using for instance solar water heaters, solar panels, biofuel, small scale windmills.



How do we reach our agricultural goals?

1. Annual programs
2. Innovation programs
3. Sound monitoring





Measures (1)

Innovation

1. low emission housing systems
2. low emission feeding strategies
3. manure management



Measures (2)

Introduction new technology

1. closed glasshouses
2. precision agriculture
3. low energy devices



Measures (3)

Transfer of knowledge

1. create awareness
2. use of demonstration farms
3. farmers networks