



European Energy Network

A voluntary network of European energy agencies

Marian Poolen

Manager Energy Innovation Programs

RVO, Netherlands Enterprise Agency



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A voluntary network of European energy agencies

**Netherlands Enterprise Agency
RVO**

Energy and water efficiency/management

Marian Poolen
Manager Energy Innovation programs

June 2022





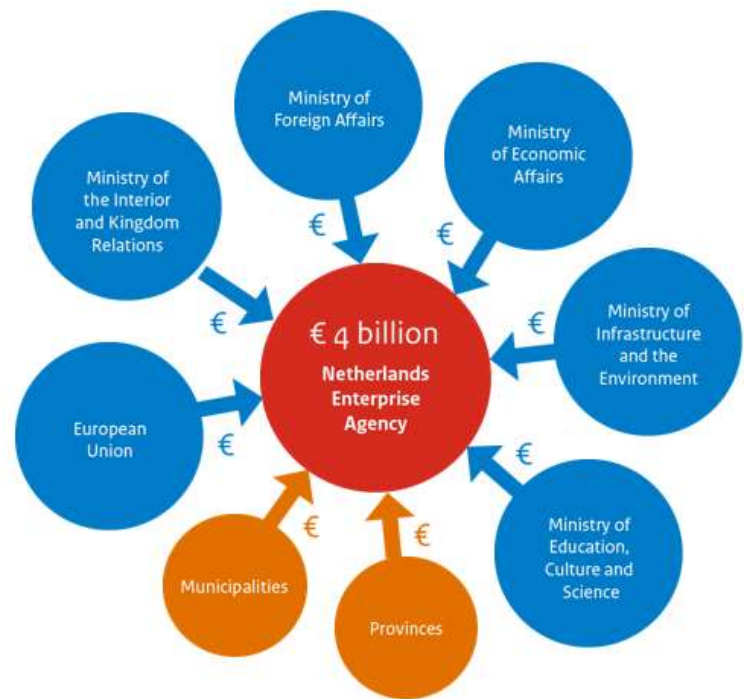
RVO themes:

Sustainable
entrepreneurship
Innovative
entrepreneurship

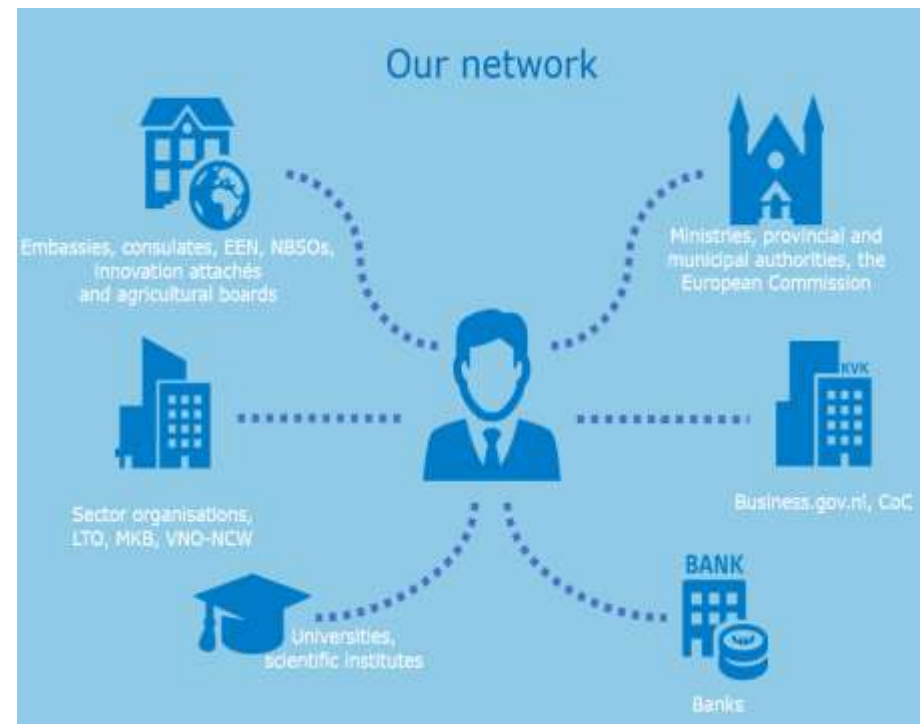
International
entrepreneurship
Agricultural
entrepreneurship

How can we help?

Our organisation



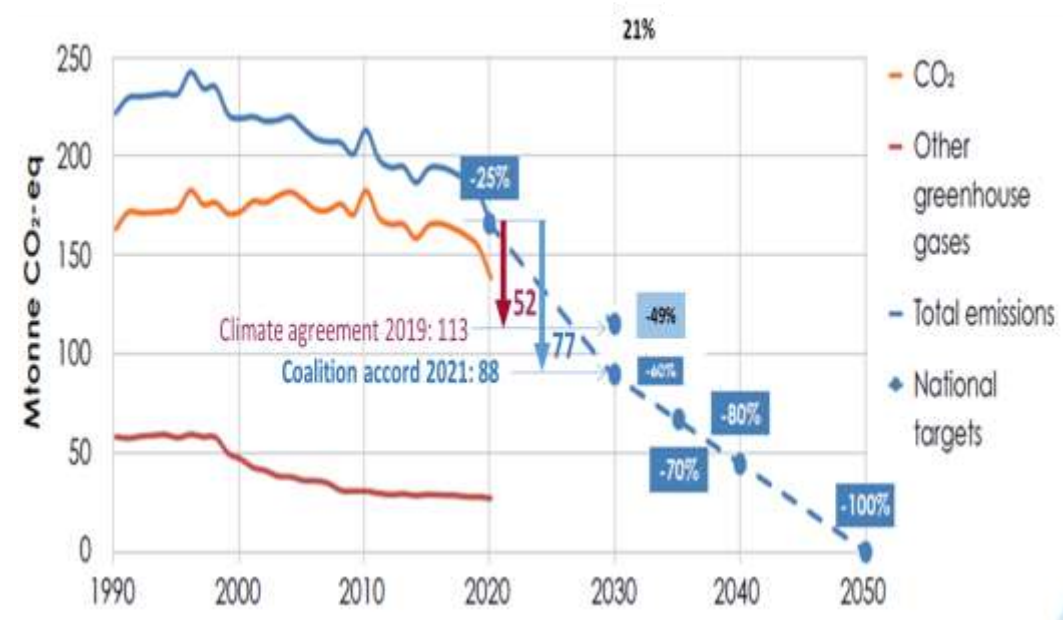
Our network



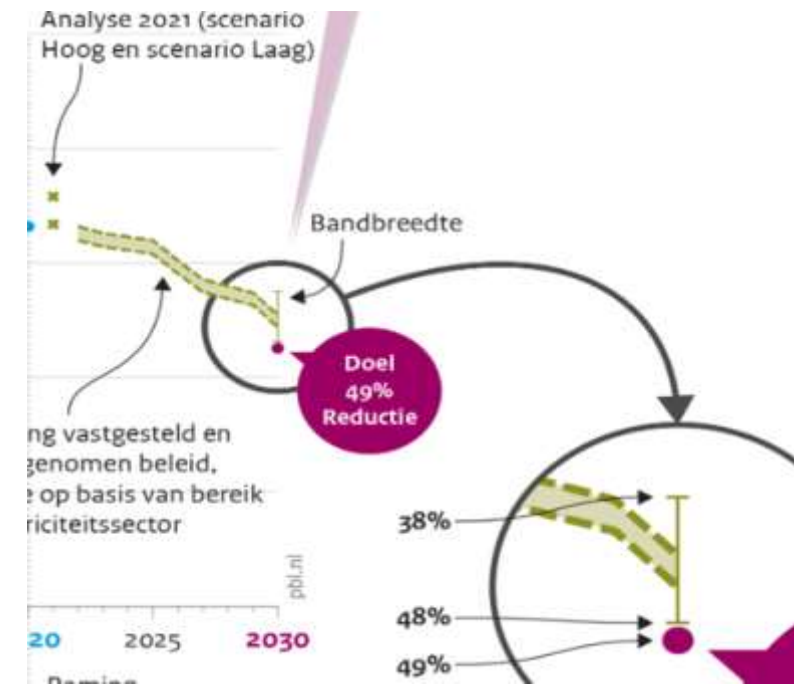


December 2021: coalition agreement '60 pct CO2 reduction in 2030'

NL takes measures aimed at 60 % reduction in greenhouse gas emissions by 2030, and net zero in 2050



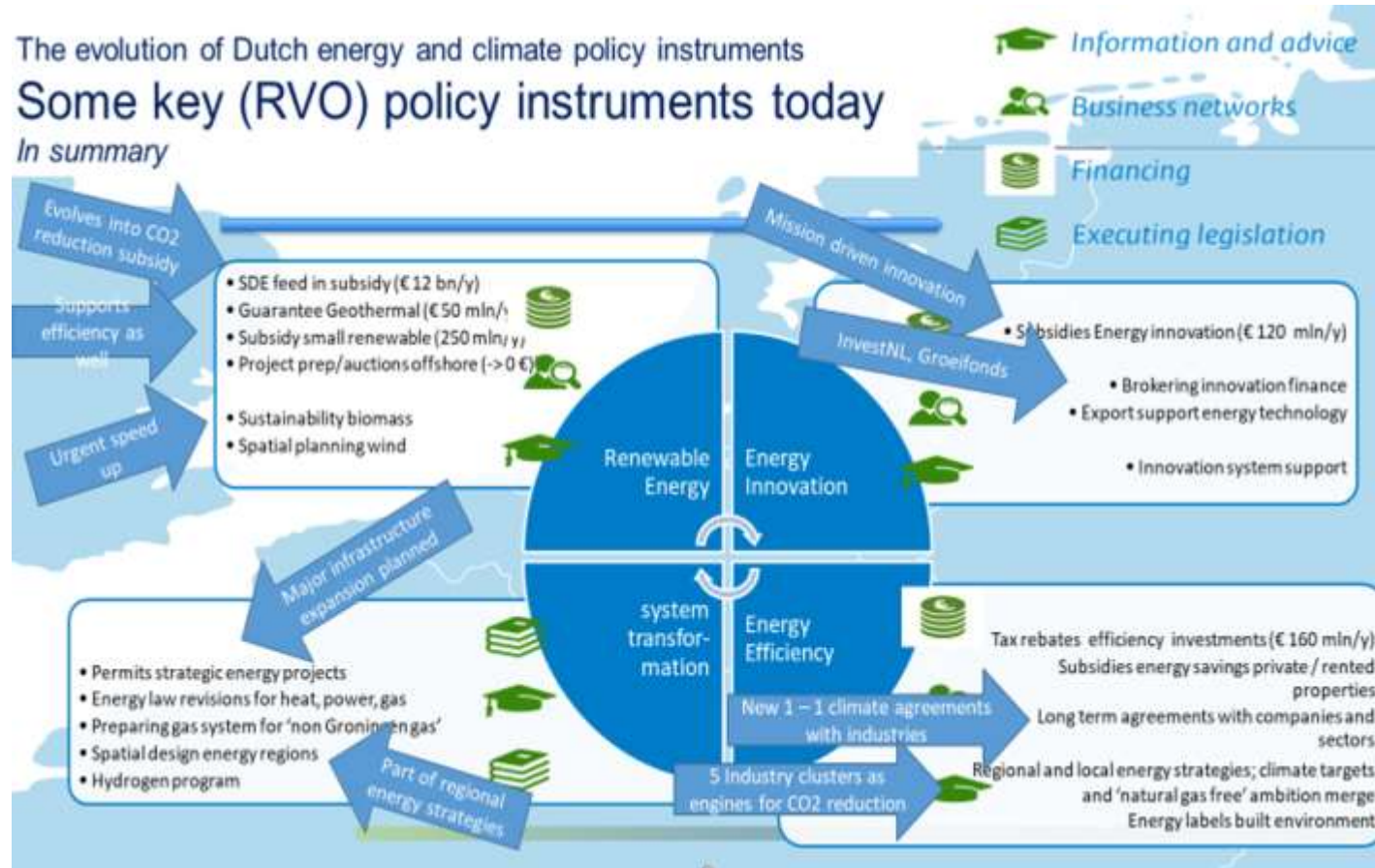
Reality check...





2 June 2022: draft Climate Policy plan and Climate council

The evolution of Dutch energy and climate policy instruments
Some key (RVO) policy instruments today
In summary



- Involve society, help lower incomes
- Cheap loans insulation targeting 30% of houses with bad energy labels
- Ban of mono-gas boilers
- Subsidy hybrid heat pumps
- Purchase obligation green hydrogen for the industry
- 13% efficiency plus..
- Investments in local sustainable heat infrastructure
- Grid: flex and storage
- Digitalization/AI
- Growth funds



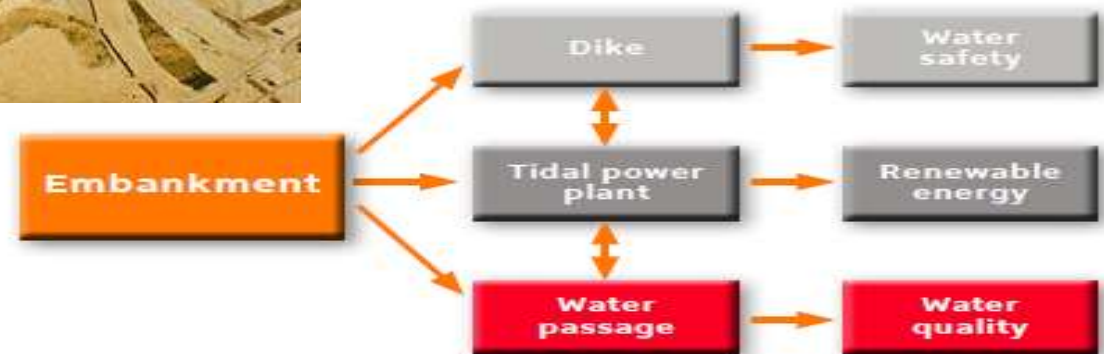
Water efficiency & management

- 40% of the Netherlands below sea level
- Water management, flooding's
- Climate change: also dry periods, new measures agriculture sector and households
- Entrepreneurship water management knowledge
- Rotterdam, Amsterdam
- NYC, New Orleans, UK
- Energy and Cleantech Innovation support



Multifunctionality: Flood safety and Tidal energy

Tocado Turbines Oosterschelde Storm Surge Barrier





Regenerate an ecosystem: an holistic framework

- Cooperation Egypt scientist and government, Wetsus institute, 'Weathermakers'
- Methodology uses fertile coastal sediments and sea water:
 - to grow aquatic food webs that naturally produce fresh water, to grow biomass; trees, plants etc.
- Regenerate water circle
- Social economic benefits local communities
- <https://amp.theguardian.com/environment/2021/mar/20/our-biggest-challenge-lack-of-imagination-the-scientists-turning-the-desert-green>





Thank you for
your attention

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Thank you!

This presentation was part of the
European Energy Network Seminar

**Promoting energy and water use reduction
at national and local levels**

Lisbon, June 8 2022

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