Energy transition in The Netherlands

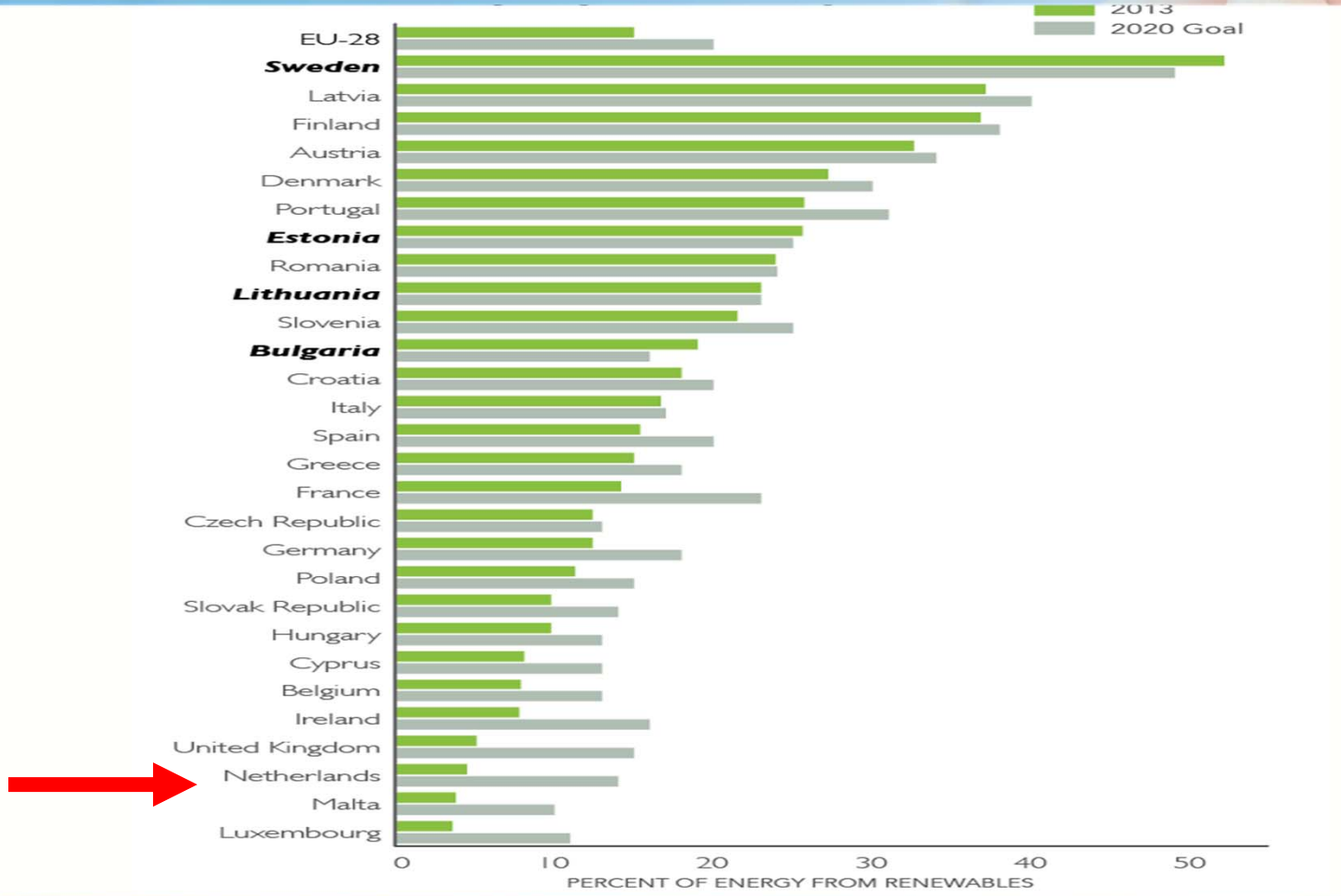
The Dutch Energy Agreement

27th EEAC Annual Conference, Lisbon
September 19, 2019

Rob Weterings
Social and Economic Council

Energie akkoord

The Netherlands was lagging behind



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Why we were lagging behind

- ✔ Large energy intensive sectors
- ✔ Natural gas producer/exporter
- ✔ Lack of consistent energy policy making and implementation
- ✔ European policy is insufficient

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A national Agreement on Energy

- ✔ Realise European committments:
  - *14% renewable energy in 2020*
  - *Energy Efficiency Directive: 1,5% annually*
- ✔ Reduce dependency on fossil fuels:
  - *Earthquakes force to reduce gas extraction*
  - *Net importer of natural gas since 2018*
- ✔ Consistency and stability in energy policy
- ✔ Economic potential of Cleantech sector
- ✔ Active stakeholder involvement in implementation

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47 organisations involved

Authorities
Branches of Industry
Energy sector
Labor unions
Environmental organisations
Other NGO‘s

Why involve 47 stakeholders?

- ✔ Government policy alone will not bring a transition
- ✔ Interdependence between government, industry, ngo‘s
- ✔ Transition demands societal support and stable policy
- ✔ Many more stakeholders will be involved in implementation

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The Agreement's main objectives

✔ Reduction in final energy consumption:

averaging 1.5% annually

additional reduction 100 PJ by 2020

✔ Increase of share of renewable energy:

4,5% in 2013

14% by 2020

16% by 2023

✔ At least 15.000 additional full-time jobs annually

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175 Actions in 12 Domains

1 Energy saving in the built environment

2 Energy saving in industry and agriculture

3 Scaling-up renewable energy production

4 Decentralised renewable energy generation

5 Centralised energy transportation networks

6 European Emission Trading System

7 Coal power plants and CCS

8 Transport sector

9 Employment and training

10 Commercialisation of new technologies for economic growth and export

11 Financing investments

12 Heat

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Governance and implementation:

- ✔ Permanent standing committee with full participation of all 47 parties involved in the Agreement
- ✔ Each party is responsible for implementing the actions assigned to them
- ✔ The parties are jointly responsible to successfully implement the Energy Agreement
- ✔ The committee monitors progress and will, when necessary, amend measures to achieve the targets 2020/2023

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Transparency

- ✔ Monitor to keep track of the progress
- ✔ Annual policy assessment (experts)
- ✔ Annual progress report (by the committee)
- ✔ Formal evaluation of the Energy Agreement in 2016
- ✔ Permanent dialogue between partners

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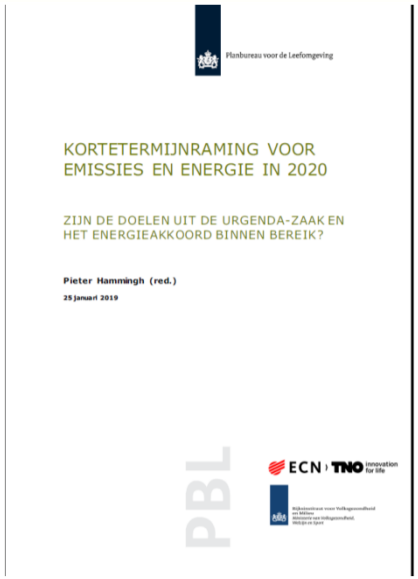
Impacts are visible

- ✔ Energy transition at a tipping point: acceleration already visible

- ✔ Three main objectives within reach:
  - ✔ *16% renewable energy in 2023*
  - ✔ *1,5% energy savings p.a.*
  - ✔ *15.000 additional jobs annually*


Planbureau voor de Leefomgeving

KORTETERMIJNRAMING VOOR EMISSIES EN ENERGIE IN 2020

ZIJN DE DOELEN UIT DE URGENDA-ZAAK EN HET ENERGIEAKKOORD BINNEN BEREIK?

Pieter Hammingh (red.)

25 januari 2019

PBL

ECN TNO

- ✔ Additional measures for other objectives:
  - ❑ *11 - 13% renewable energy in 2020 (aim = 14%)*
  - ❑ *81 PJ energy savings in 2020 (aim = 100 PJ)*

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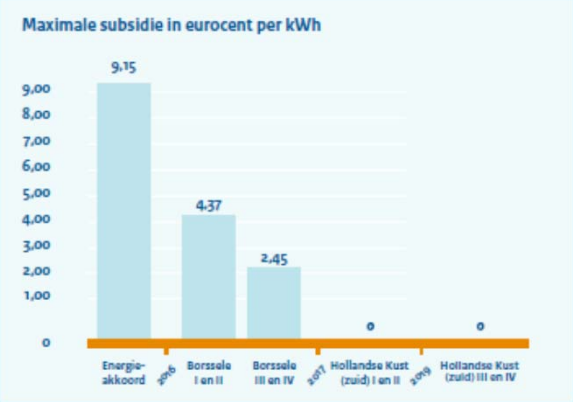
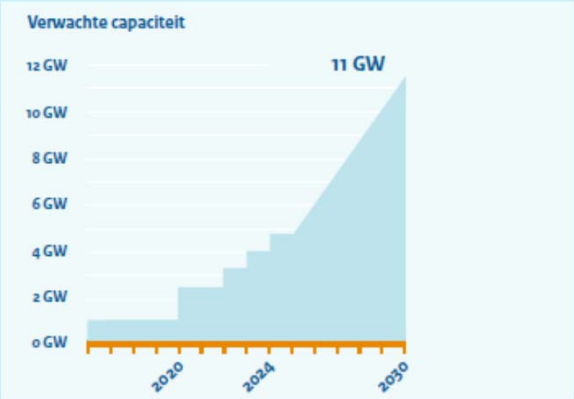
Partnership with impact: wind at sea





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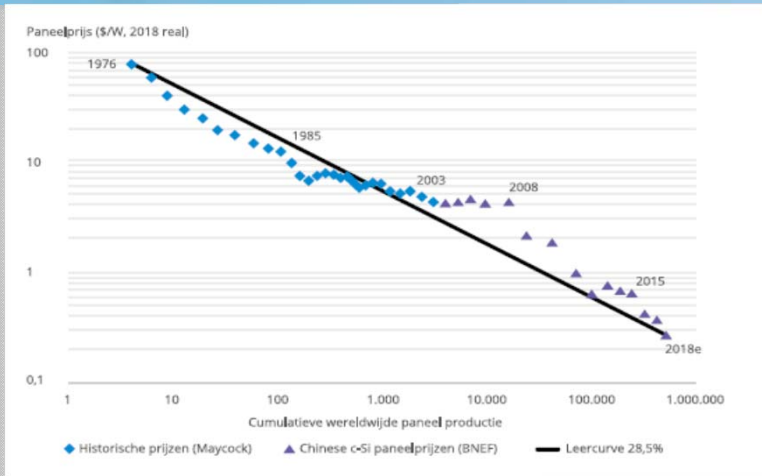
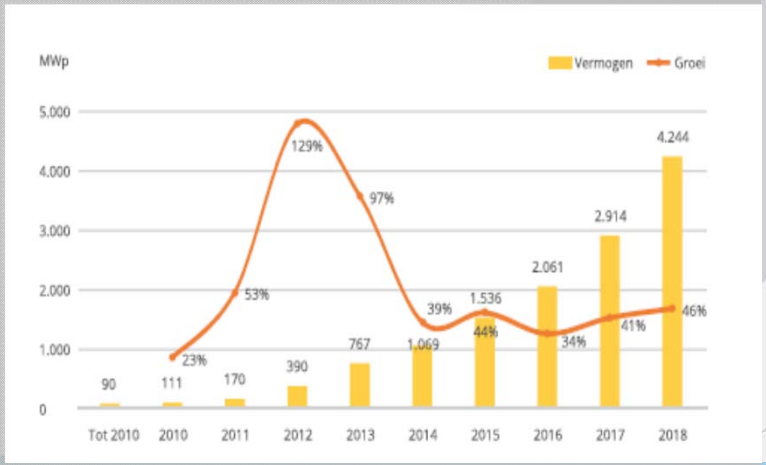
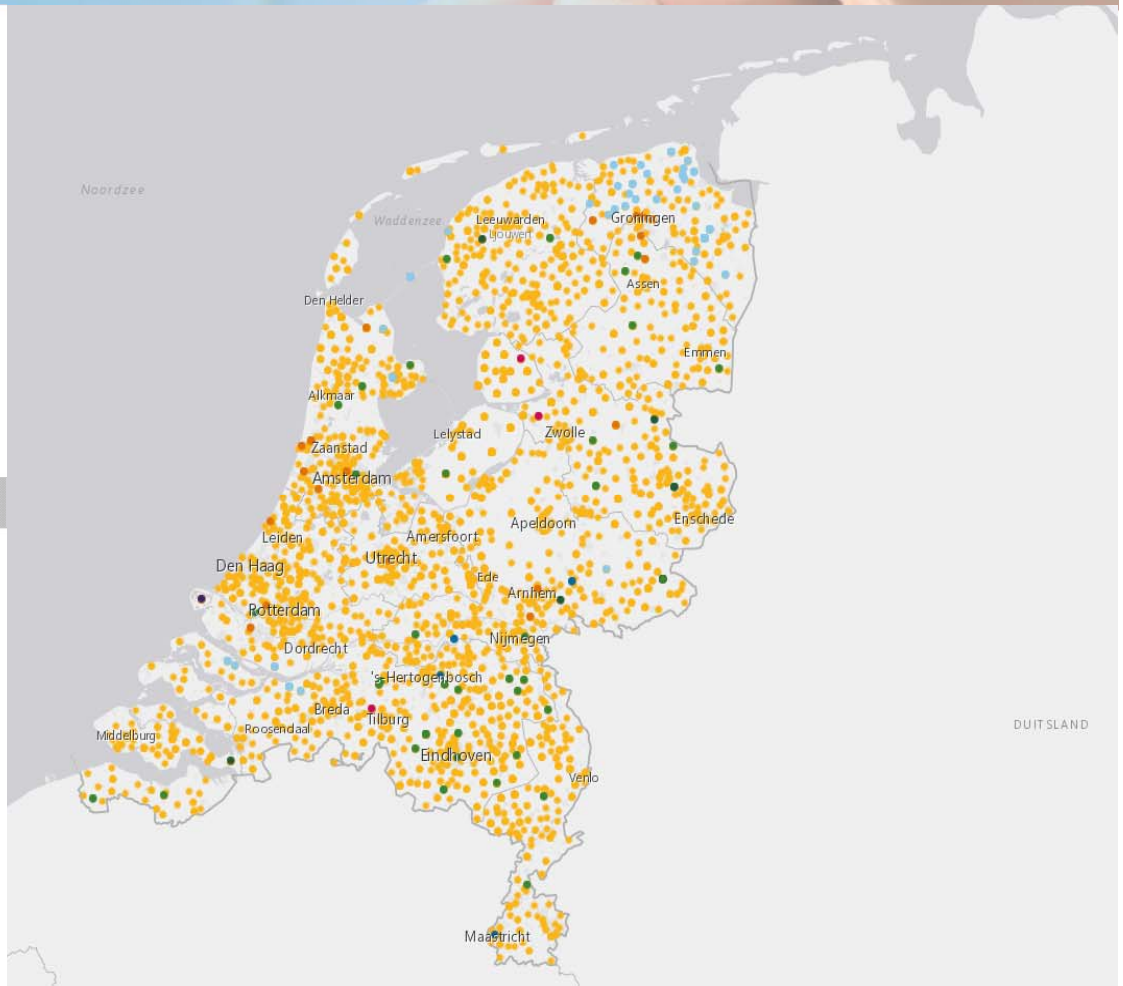
Partnership with impact: solar panels







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Some lessons learned

- ✔ Sense of urgency in society and in political domain
- ✔ Well organised interest groups & legitimate representatives
- ✔ Partnership: respect for different positions and interests
- ✔ Personal relations for building mutual trust
- ✔ In-depth analysis for common solutions
- ✔ Independent (scientific) monitoring

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A national Climate Agreement
(input for final NECP)

Objectives:

<u>2030:</u> 49% GHG reduction

<u>2050:</u> 80-95% GHG reduction

> 100 stakeholders involved

Negotiations per sector:

- ✔ Built environment
- ✔ Mobility
- ✔ Agriculture & land use
- ✔ Electricity
- ✔ Industry

Cross cutting themes

- ✔ Labor and education
- ✔ Innovation
- ✔ Finance
- ✔ Regional integration

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