



Rijkswaterstaat  
*Ministry of Infrastructure and the  
Environment*

# From policy to implementation

Sustainability approach of  
RWS

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## What goes to Paris does not stay in Paris!

- 2016: Turning point worldwide
- Ministry of Infrastructure and the Environment fully adapted "Paris"
- Rijkswaterstaat: sustainability is our basis

Hard target energy from renewables:

- 2020: 14%
- 2023: 16%





## Sustainability goals Rijkswaterstaat: 3 pillars

### Energie en klimaat



*"Paris becomes true"*

- 2020: -20% CO2
- 2030: Energy neutral
- 2050: Climate neutral

### Circulaire economie



*"Economy without waste"*

- 2030: RWS works circular
- 2030: -50% primary raw materials
- 2050: No waste

### Duurzame gebiedsontwikkeling



*"The Netherlands more beautiful"*

- Thinking in perspective of the area/location
- Integral approach
- Partnership

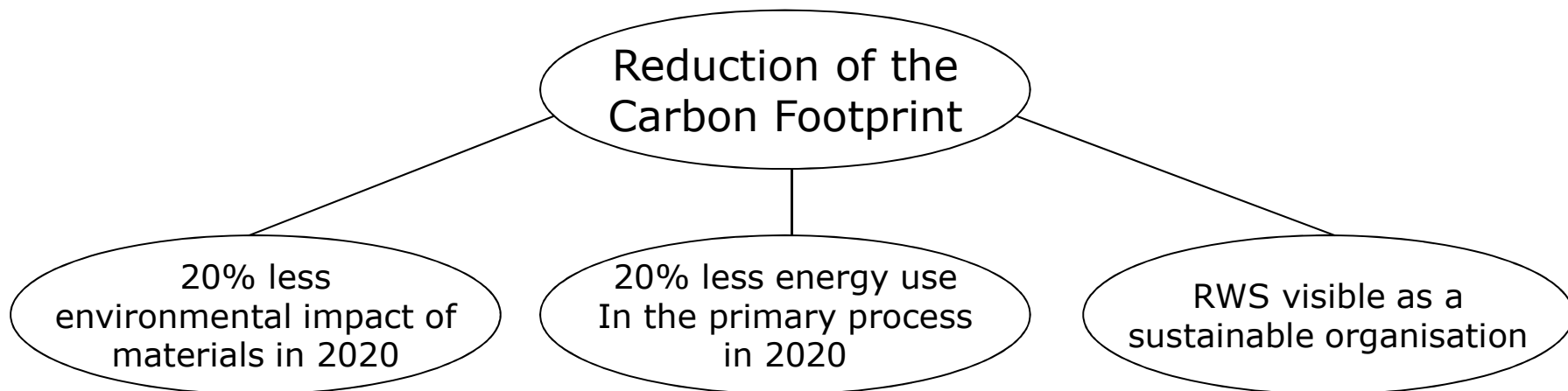


## Pillar energy and climate

European targets are leading for the Netherlands in 2020:

- 20 % CO<sub>2</sub>-reduction compared to 1990
- 16% renewable energy production in 2023

### Rijkswaterstaat sustainability strategy





## Implementation of RWS sustainability programm

Sustainability is fully integrated in the infrastructure realization and maintenance processes in 2020

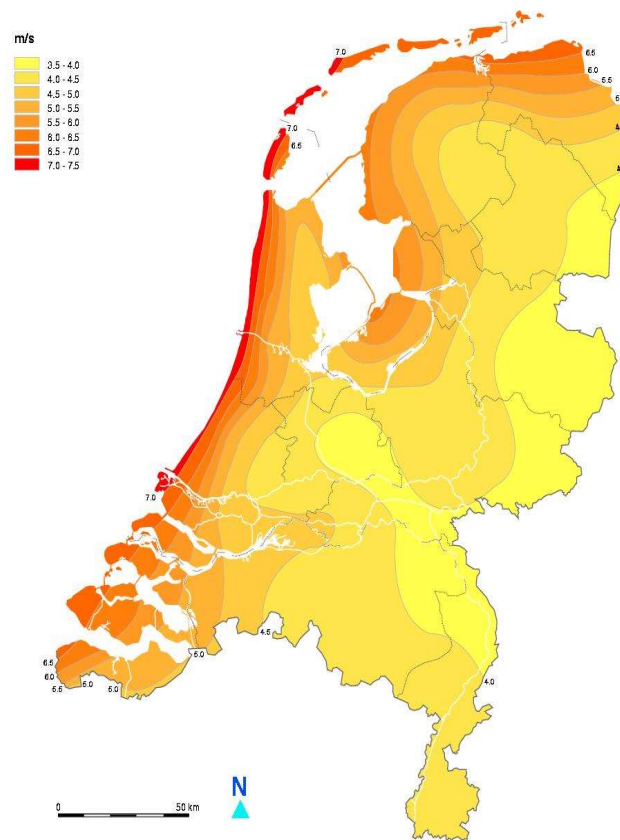
### Internal organization

- Saving energy  fleet, realization, cars
- Production of energy  on assets
- Sustainable use of materials  reuse of materials

Sustainable Procurement: guidelines, procedures, requirements, regulations



# Production of energy: Designated locations for wind energy





## Project goals Windfarm Maasvlakte 2

- In 2022 Wind turbines on soft and hard sea defense of Maasvlakte 2
- Minimum installed power of 108 MW
- Green certificates (Garanties van Oorsprong) for Rijkswaterstaat
- Financial viable business case for contractor



## Tender procedure Windfarm Maasvlakte 2

Current outline of tender procedure

- Tender starts Q4/2017 with selection of consortium
- Tender procedure 'competitive dialogue' resulting in a concession agreement in Q3/2018
- Permits and subsidy ("SDE") in 2020
- Fully operational in 2022 with and concession period of 15 + 1 year

If successful, more to come! Also for other authorities.