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CPB Netherlands | Bureau for Economic Policy Analysis

Economic assessment of Dutch climate-change package

Sander van Veldhuizen

February 28, 2020 www.cpb.nl/en | @CPBnl_uk

2015 Paris Agreement



February 2018: start negotiations Dutch climate deal



Mobility -7.3

Houses -3.4

Electricity -20.2

Industry Ag -14.3

Agriculture -3.5

100 parties involved in negotiations





December 2018: draft Climate agreement



 Government asks PBL and CPB to assess draft agreement

- PBL = PBL Netherlands Environmental Assessment Agency
- CPB = CPB Netherlands Bureau for Economic Policy Analysis

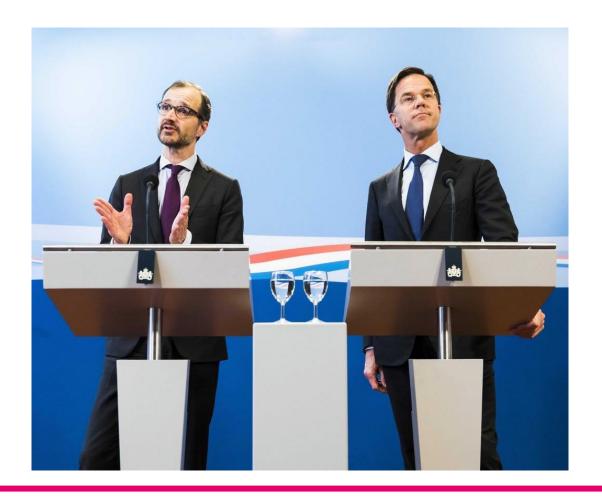
- PBL: CO2 reduction, costs efficiency
- CPB: budgetary impact, income effects by type of households

september 2019 5

CPB

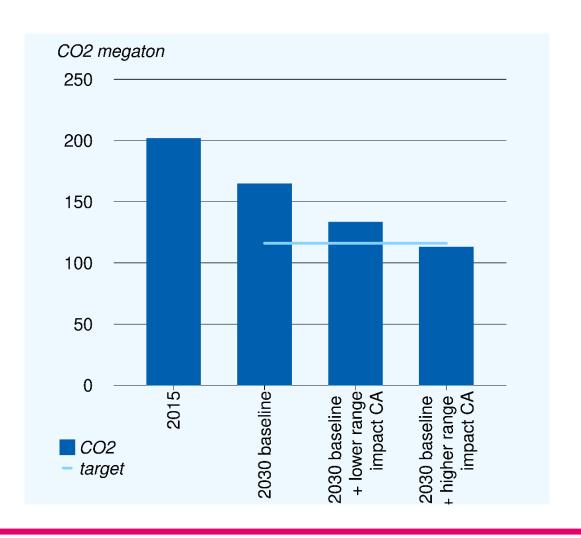
March 2019: Assessment PBL & CPB, followed by immediate response government

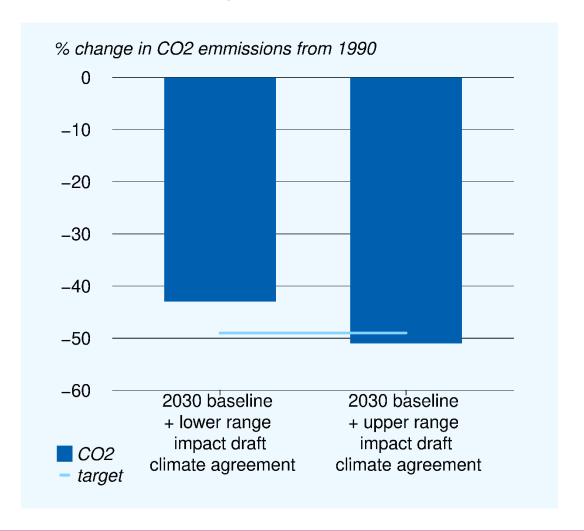




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PBL: Climate agreement agreement probably insufficient







Expenditures and fiscal burden

	Baseline + climate agreement	Effect climate agreement
Expenditures		
Total EMU-relevant expenditures	4,4	2,2
Fiscal burden		
Total EMU relevant fiscal burden	5,2	0,6
- Households	3,0	0,0
- Companies	2,0	0,5
- Foreign	0,2	0,1
Total Non-EMU-relevant fiscal burden	1,6	1,0
- Households	0,3	0,3
- Companies	1,3	0,8

september 2019 8



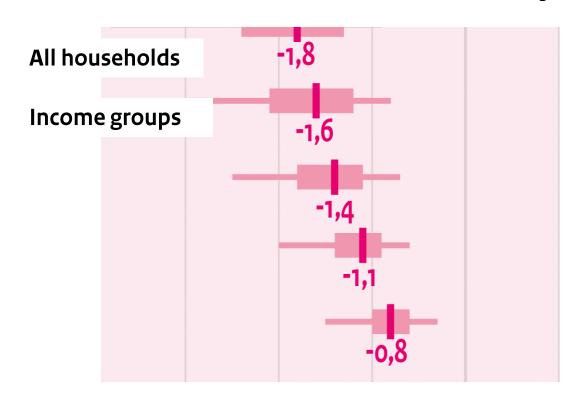
Income effects in 2030 - Static

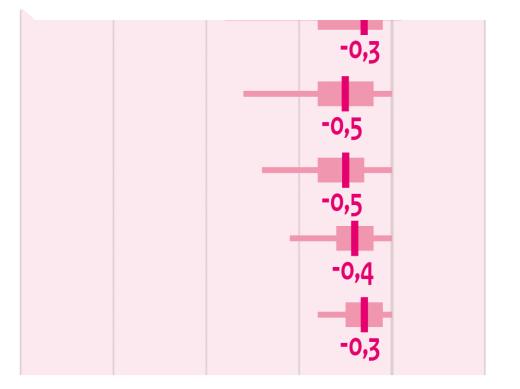
Climate policy in baseline including climate agreement

Cumulative change in 2030 in %

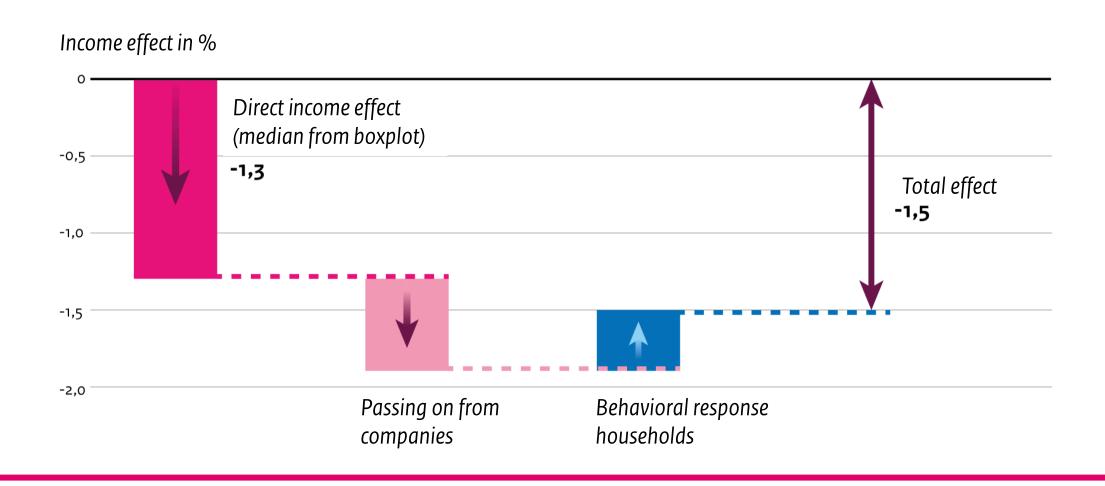
Climate policy in climate agreement

Cumulative change in 2030 in %





Income effects - Dynamic



GDP effects

- Effect =-0.5%
- Requires GE-model; Used Worldscan
- Significant transition effects, but long term employment effects are small
- Relocation of companies is almost non-existent

Centraal Planbureau

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