



Rijksdienst voor Ondernemend
Nederland

Monitoring in practice: the Dutch system for tracking structural change

Climate Recon 2050 workshop

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Outline of presentation

- › National policy context
- › Framework for monitoring & evaluations
- › Monitoring structural change
- › Reflections: benefits & challenges



Legal framework: national Climate Act

- Targets*
 - 95% reduction of GHG by 2050 compared to 1990
 - Fully CO₂-neutral power production by 2050
 - 49% reduction of GHG by 2030
- Climate plan
 - 1st plan (2019): 2021-2030 period
 - in line with final NECP (2019)
 - Updated at least each 5 years





Governance in the Climate Act

- › Climate & Energy Outlook (*annual*)
 - Projections of GHG emissions and energy indicators
- › Climate policy brief (*annual*)
 - Progress of policy implementation (*based on Climate policy Monitor*)
 - Expectations in meeting targets (*based on Climate & Energy Outlook*)
 - Announcement of adjustments or new policies when needed
- › Consultation of Council of State
 - Consulted on Climate Action Plan and Climate policy brief

Since
2014

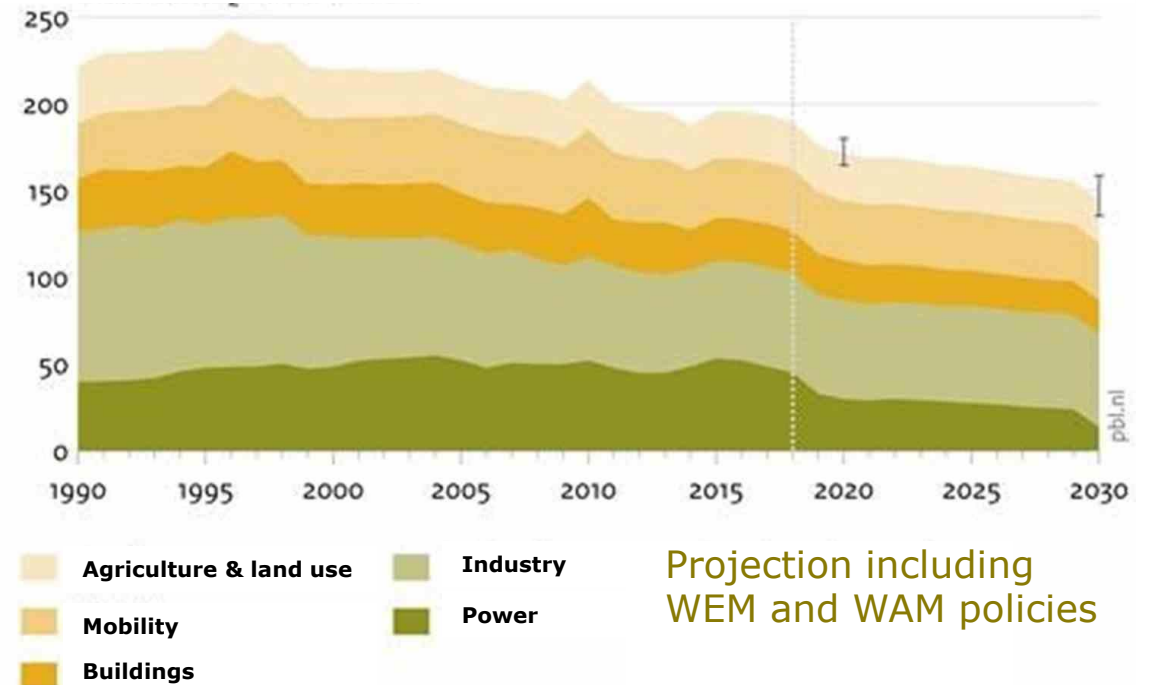


Climate and Energy Outlook

Netherlands Climate and Energy Outlook 2021 Summary



Figure: Emission of greenhouse gases in period 1990-2030 (Mt CO₂-eq)



Bron: Emissieregistratie (realisatie); KEV-raming

Since 2020

New in 2021:
Online dashboard
& special on energy
system

Climate policy monitor



Figure: Current & planned capacity offshore wind (situation in 2019)

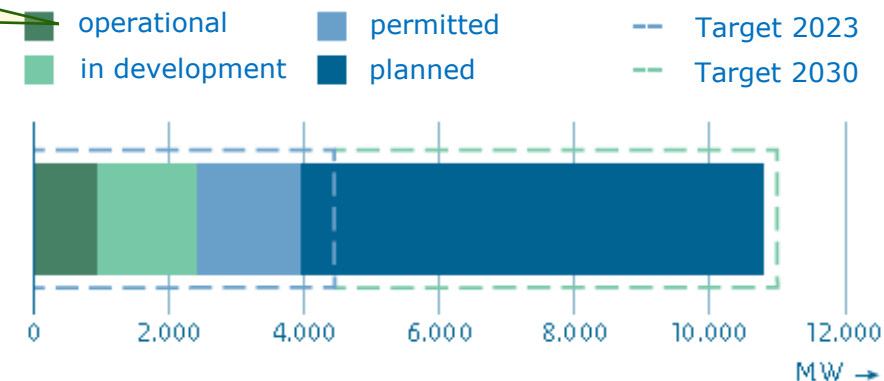
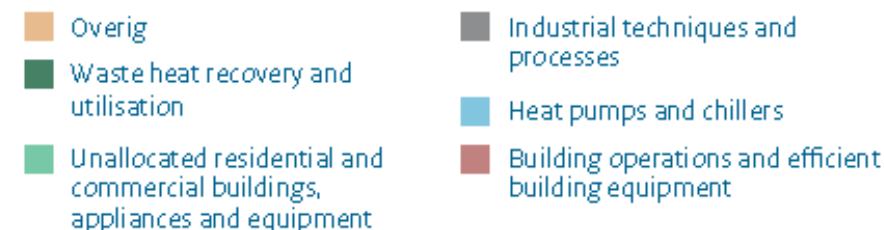
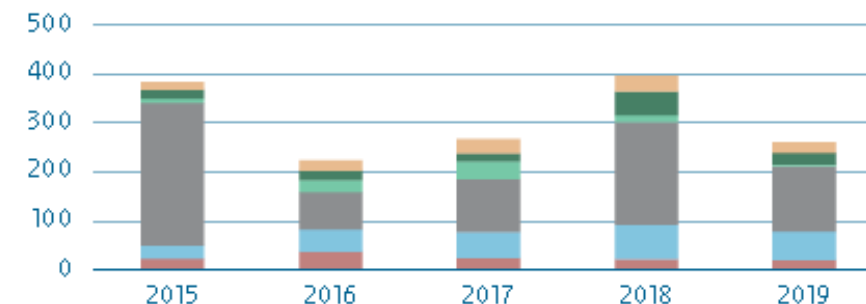


Figure: Investments in top-5 technologies by the Energy Investment Allowance (in period 2015-2019)



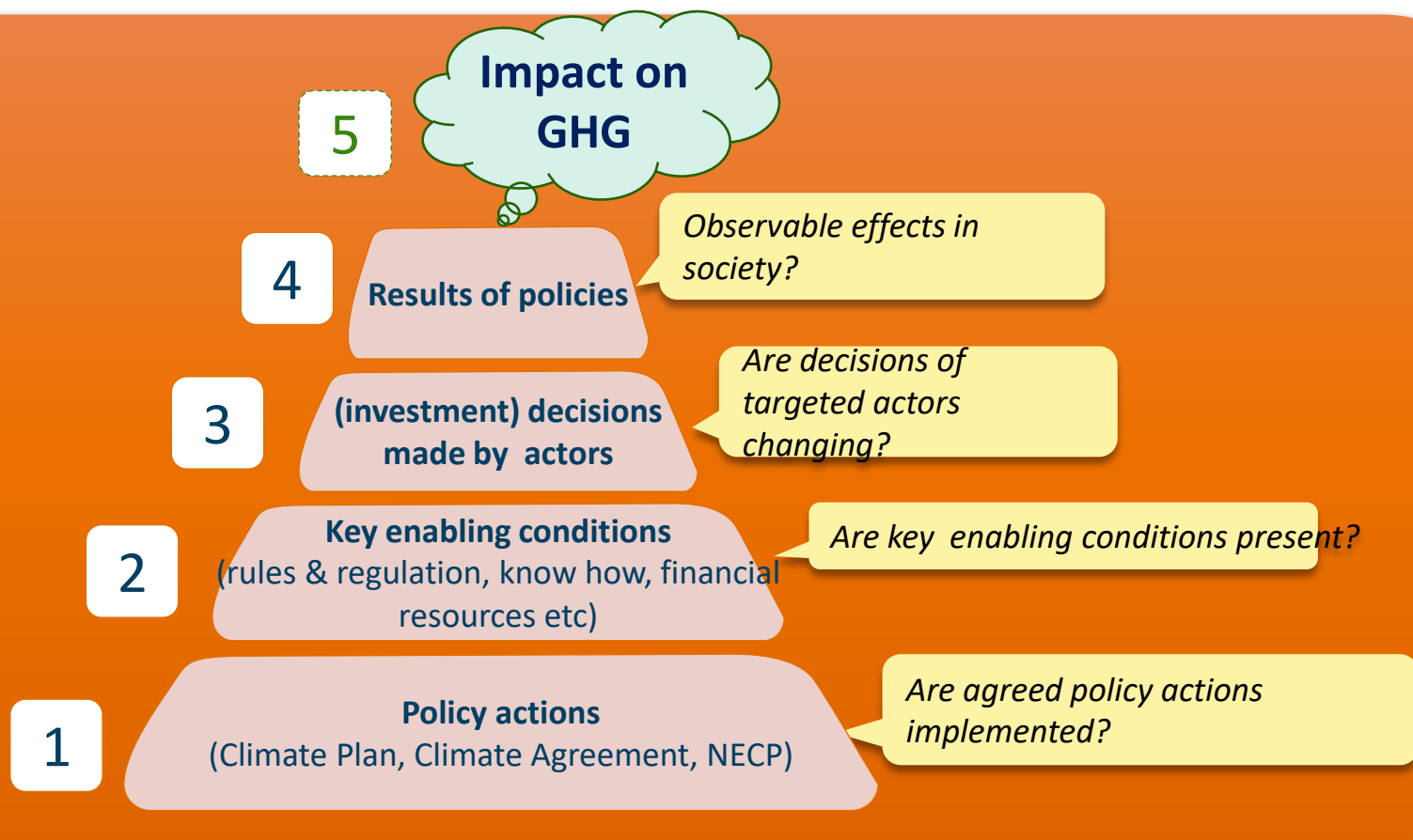
Committed budget (in mln euros)





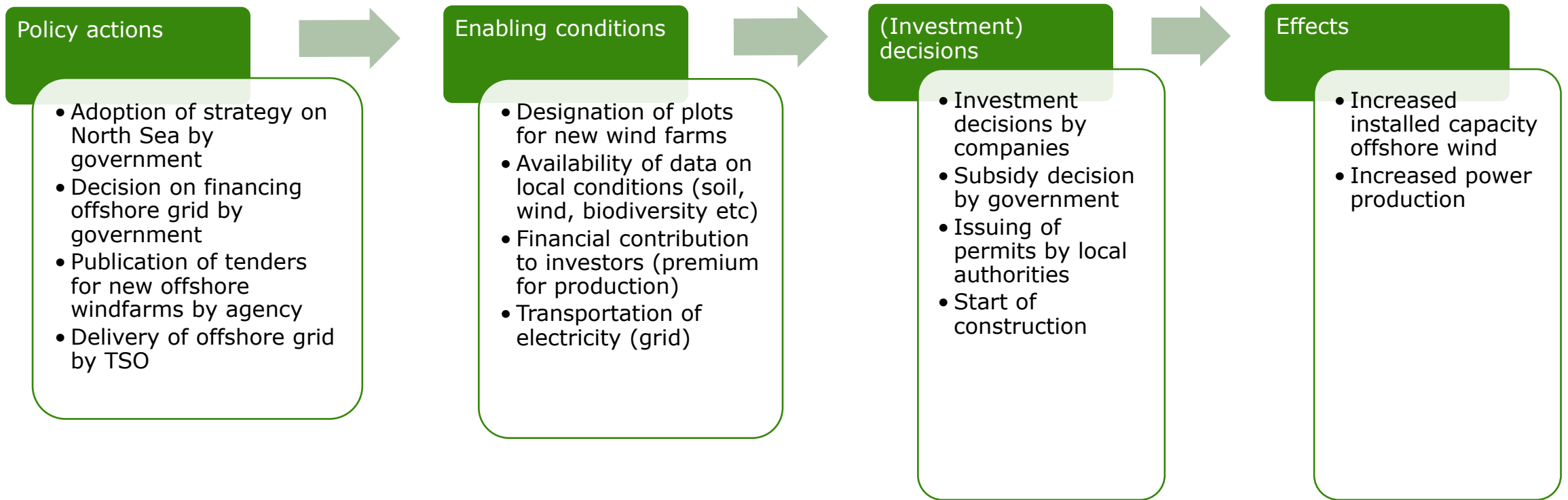
Climate policy monitoring: from actions to impact

Sectoral level





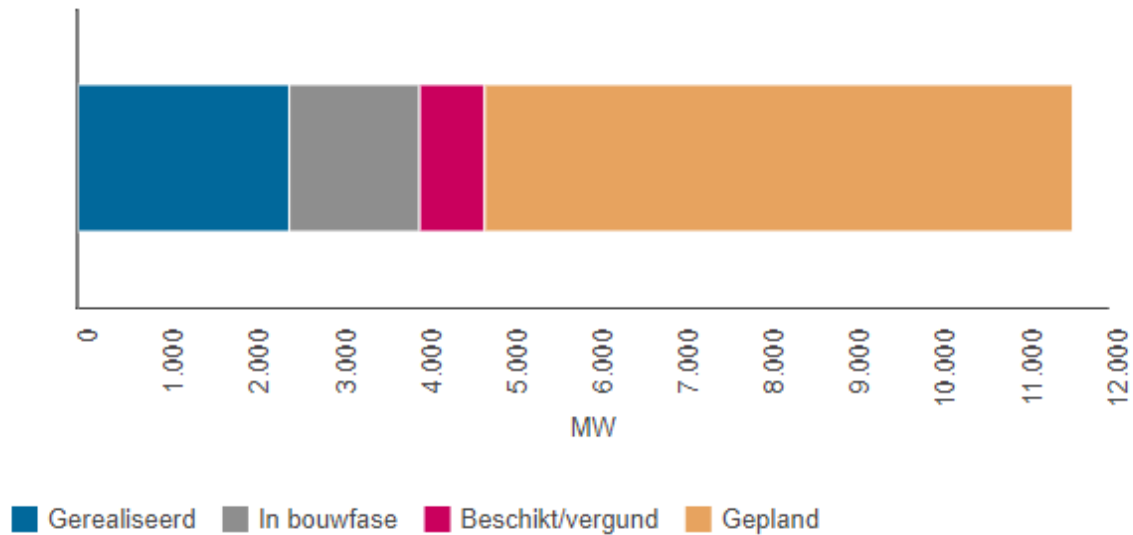
Example: offshore wind



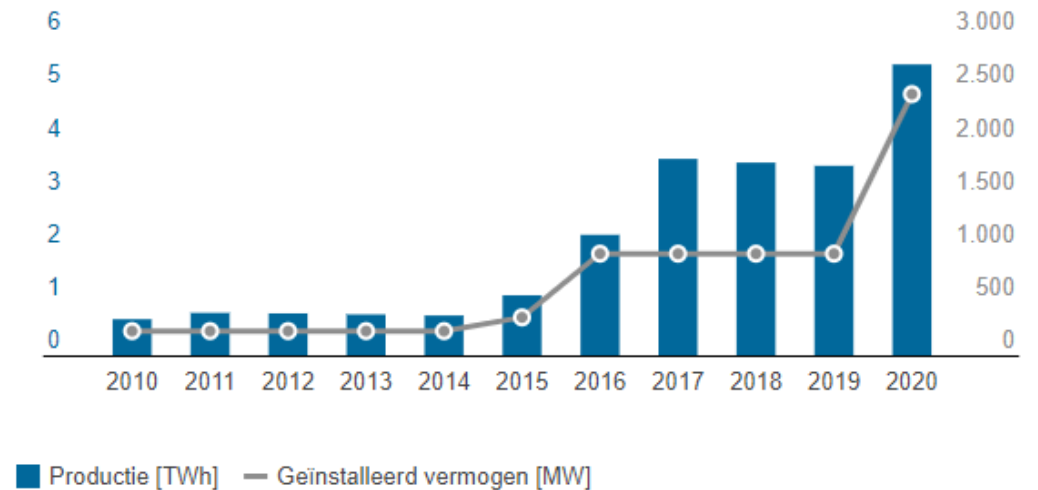


Example: offshore wind

Pipeline of offshore wind capacity

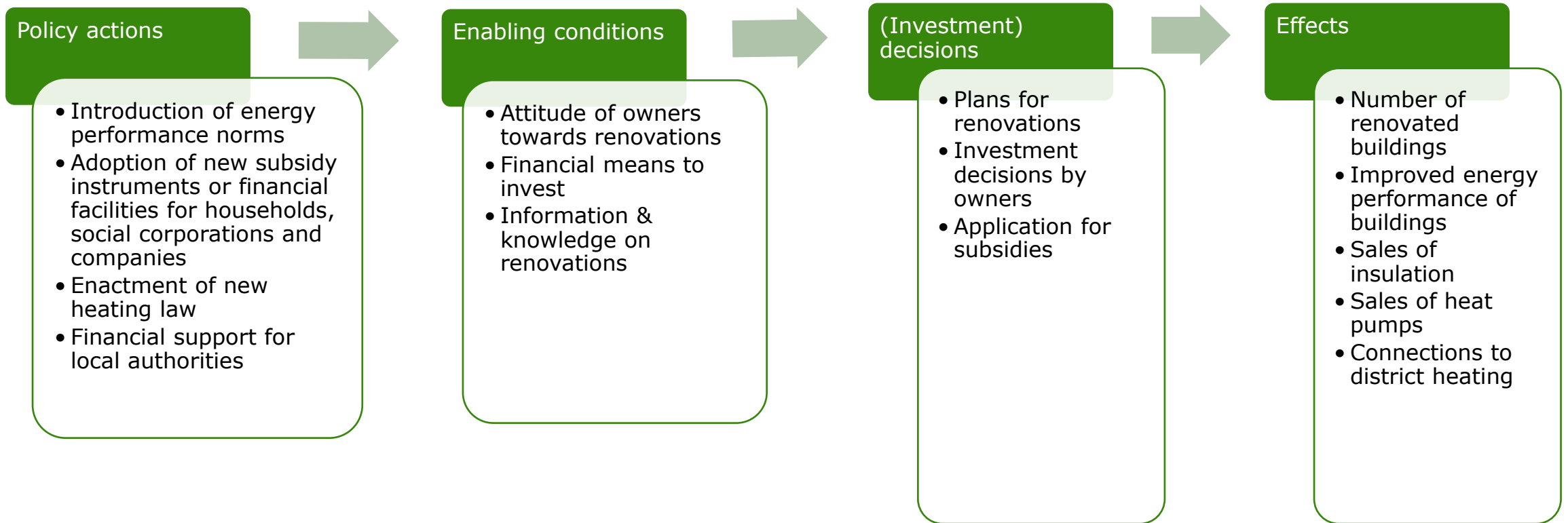


Development of capacity and production by offshore wind





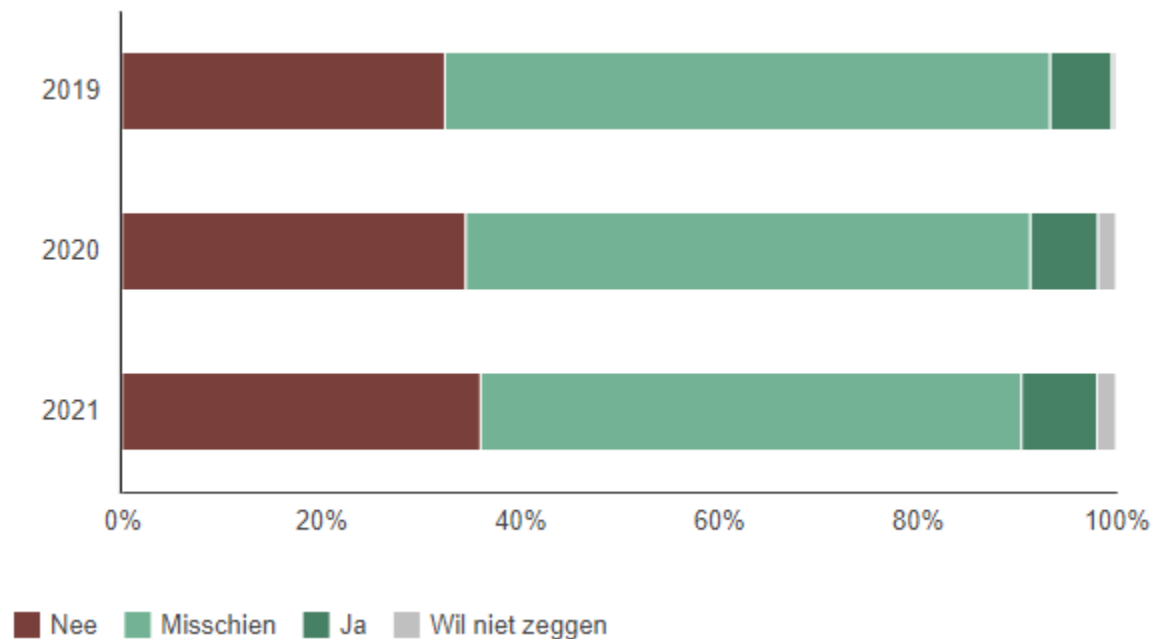
Example: renovation of buildings



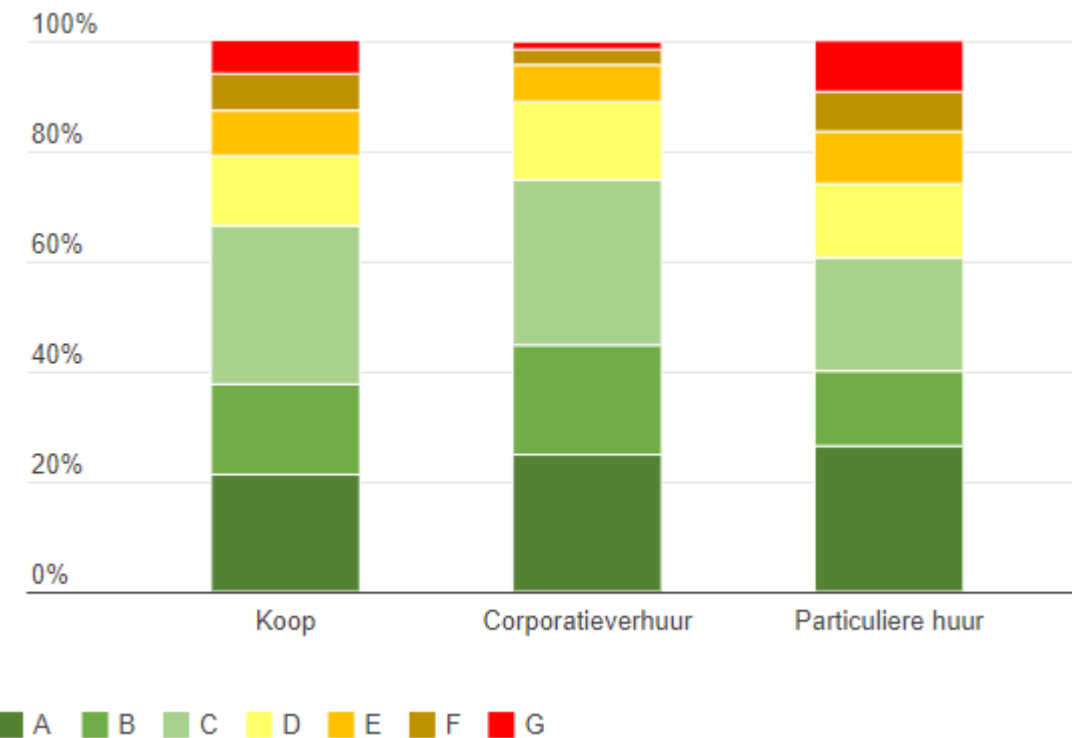


Example: renovation of buildings

Willingness to invest in renovations by owners



Distribution of energy performance of dwellings in 2021





Some reflections on our monitoring system

> Benefits

- Focus not only on (expected) impacts (level 4), but also on policy actions & results (levels 1-3)
 - > results in improved feedback to policy makers

> Challenges / further improvements

- Ongoing quest for good indicators, particularly for levels 2 and 3
 - BTW: a clear definition would also help!
- Availability of uniform data on all monitoring levels
- Improving link with projections
- Feedback to policy makers