

Options for a White Certificate scheme in the Netherlands

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Policy background

Energy efficiency rate is too low:

- Yearly energy efficiency improvement rate is 1%
(0.7% autonomous, 0.3% due to policy)
- Should be 1.5% / year
- Political debate: towards 2% yearly or more...
- EE & ES directive: voluntary 1% yearly for 9 years

Energy efficiency policies and measures in the Netherlands

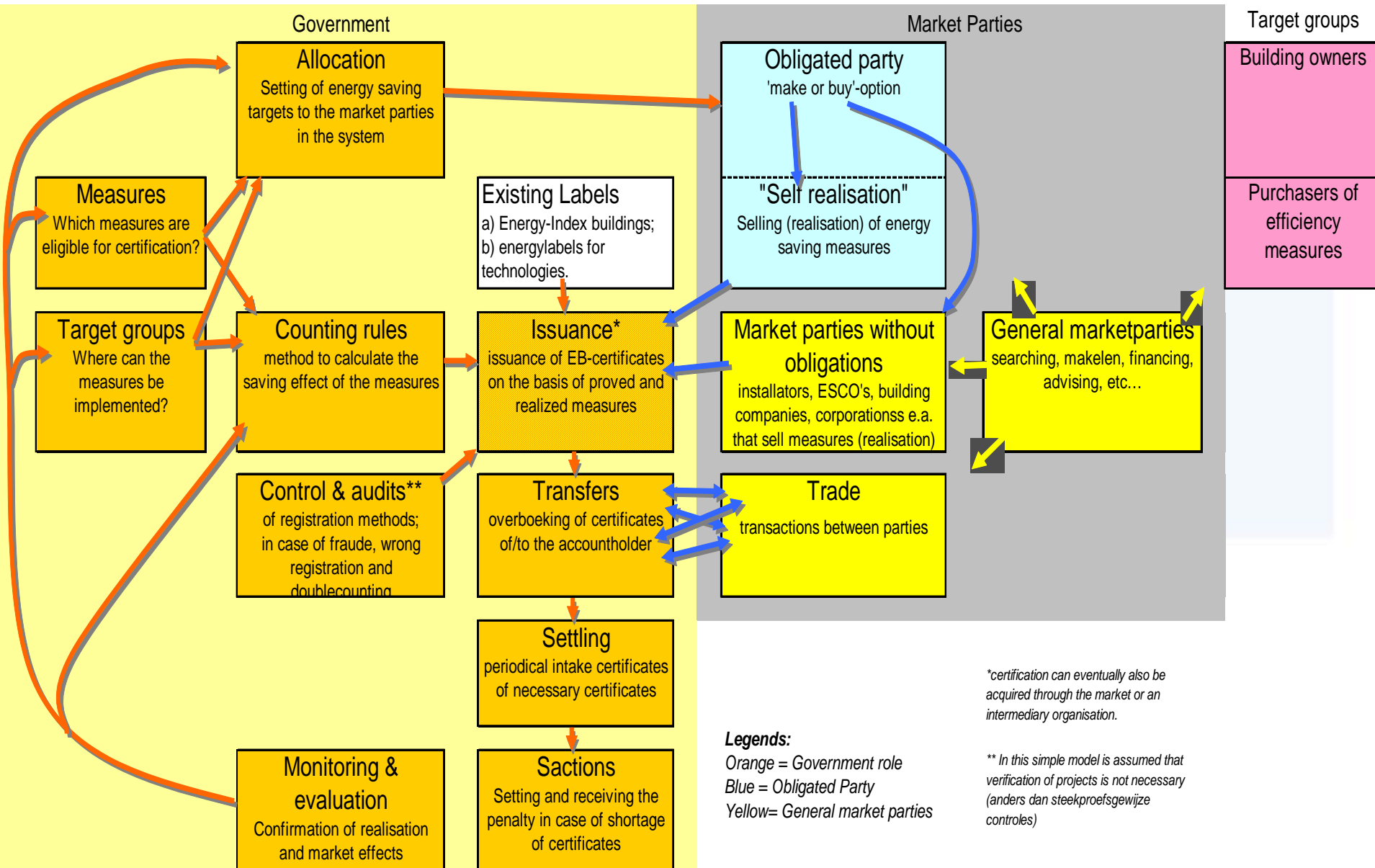
- Energy taxes
- Energy Performance audits for existing buildings
- Voluntary energy saving schemes
- Environmental permits including energy management obligation
- Tax deduction
- Labelling
- Energy performance standards for new buildings

More information can be found in EU SAVE “White and Green” project and on ECOFYS studies

General view...

- ... Large cost-effective energy saving potential remains still untapped
- ... Space for new instruments including White Certificates

A general design



Some characteristics

- Period: 2008-2020
- 50-80 PJ primary energy as “additional” savings
- Target groups: households and tertiary sector
- Obligated party: Energy suppliers
- Threshold: Proportional to energy delivered to target groups
- Banking and borrowing allowed
- Non-obliged parties can create certificates

Eligible measures

- Building-linked: Strong links with the Energy Index and the EPBD Directive
- White and brown goods
- Small goods
- Innovative goods
- Behavioral measures
- Leasing goods

Certification

- { Deemed savings approach based on a realistic ‘energy saving value’
 - { E.g. corrections for rebound, effective life span of measures, misuse, etc.
- { Certification preferably based on
 - { “existing” EPBD energy-efficiency indexes (? EI-approach)
 - { existing energy-efficiency labels for appliances (labels better than the ones with high market share)

Making things simpler...

- To minimize costs:
- Register & certificates electronic & web-based
- Use existing energy efficiency “proof” (EPBD-EI and efficiency labels)
- Using existing EPBD tools and software to provide EI and DEI calculation
- Thresholds for certification
 - Either based on a minimum energy saving value or on a minimum number of measures (e.g. per 50 dwellings with improved EI; or per 1000 efficient dryers sold)
- Electronic proof of sales allowed
- No consumer involvement with ESC.
ESC stays ‘behind the counter’.

Opportunities

- Housing companies executing strategic stock management already did a lot of EPA's; ready to take off...
- Local schemes to improve housing stock and reduce overall housing costs
- Dormant potentials form voluntary agreements and environmental permit assessments
- Insulators, installers, contractors, mortgage -resellers, etc. eager to hunt for 'overdue maintenance'
- Green mortgage or green finance schemes available but scarcely used
- etcetera, etcetera

Currently

- Design options for a White Certificate scheme discussed
- Alternative policy options also on the agenda (e.g. tenders for energy efficiency without obligations)
- Some more definitive results are expected in the coming months

Thank you

For more information you can
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