

# **“White and Green” EU-SAVE Project: A comparison of market- based policy instruments for energy efficiency**

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Contribution to the Task XIV Market Mechanisms for White  
Certificates Trading

7 – 8 June 2004, Milano, Italy

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# Project objective

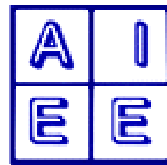
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To identify the best features of various market-based instruments aimed at increasing energy efficiency by evaluating their potential implications

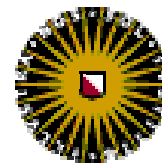
# Consortium

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the international institute for  
industrial environmental economics  
Lund University, Sweden



Associazione Italiana  
Economisti dell'Energia



**Universiteit Utrecht**

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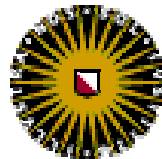
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# Phase 1 (completed)

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- Inventory of policies and measures (P&M) Examples:
  - Tradeable energy efficiency titles (White Certificates)
  - Renewable Portfolio Standard (RSP) based on Green Certificates
  - Green taxes, charges, benchmarking systems, etc.
- Leader:

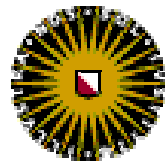


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# Phase 2 (almost done)

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- Selection of innovative P&M for in-depth analysis
  - Development and selection of evaluation criteria
  - Qualitative selection approach
- Leader:



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# Phase 3 (underway)

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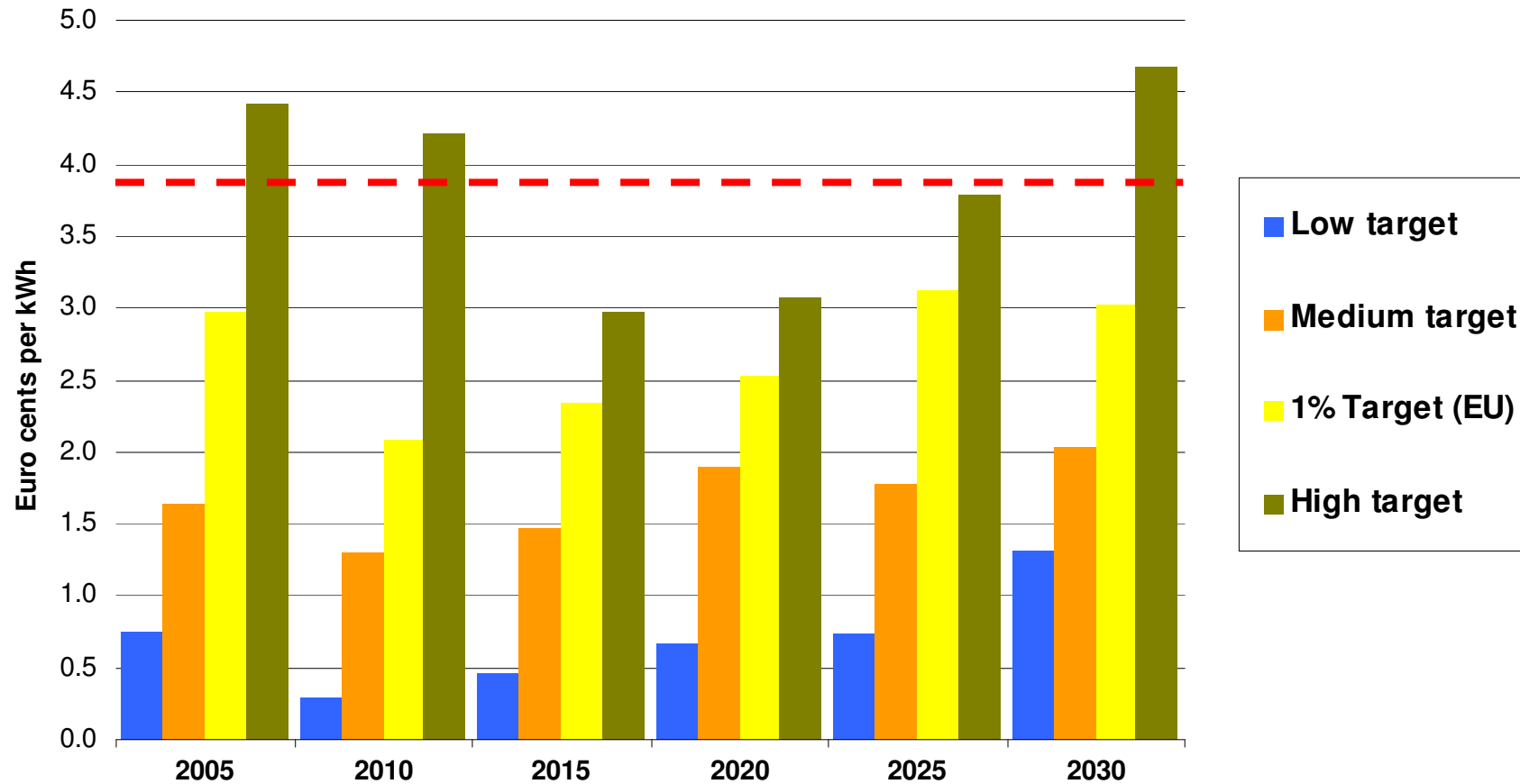
- Quantitative assessment of selected innovative P&M
  - Optimisation and simulation modelling
    - E.g. **Markal**: Compare economic, technological and environmental responses of different P&M
- Leader:

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# Preliminary results

Estimated average costs of saving a unit of energy in different EE scenarios



# Phase 4

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- Conclusions and recommendations
  - Compilation of qualitative and quantitative analyses for selected P&M → Preliminary results
  - Feedback from stakeholders

- Leader:

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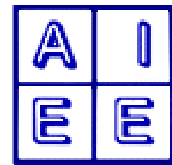




# Phase 5

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- Communication & Dissemination
  - Workshops with stakeholders
  - Seminar for EU officials, utilities and interested parties
- Leader:



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# Sydkraft's role

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- Horizontal role
- Assess the realism and feasibility of the policy recommendations
- Suggest possible impacts and reactions of policies



# Expected results

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To help identifying potential advantages of using such instruments in the promotion of a common EU energy efficiency policy

[thanks]

