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Investment opportunities
and removing investment barriers

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www.carboncredits.nl



Next 20 minutes...

- Kyoto Protocol
- Interest for Investors
- Carboncredits.nl
- Example
- Planning



Senter

- Agency of the Dutch government
- Programme implementation:
 - Technology & Innovation
 - Energy & Environment
 - International Co-operation
- 760 employees
- Yearly Budget: EUR 1 billion



Costs to comply are high

- 6 percent reduction = 40 Mtonne / year
- domestic costs EUR 10 - 130 / tonne
- mechanisms: < EUR 10 / tonne
 - Joint Implementation
 - Clean Development Mechanism
 - International Emission Trade
- Start a JI and CDM programme

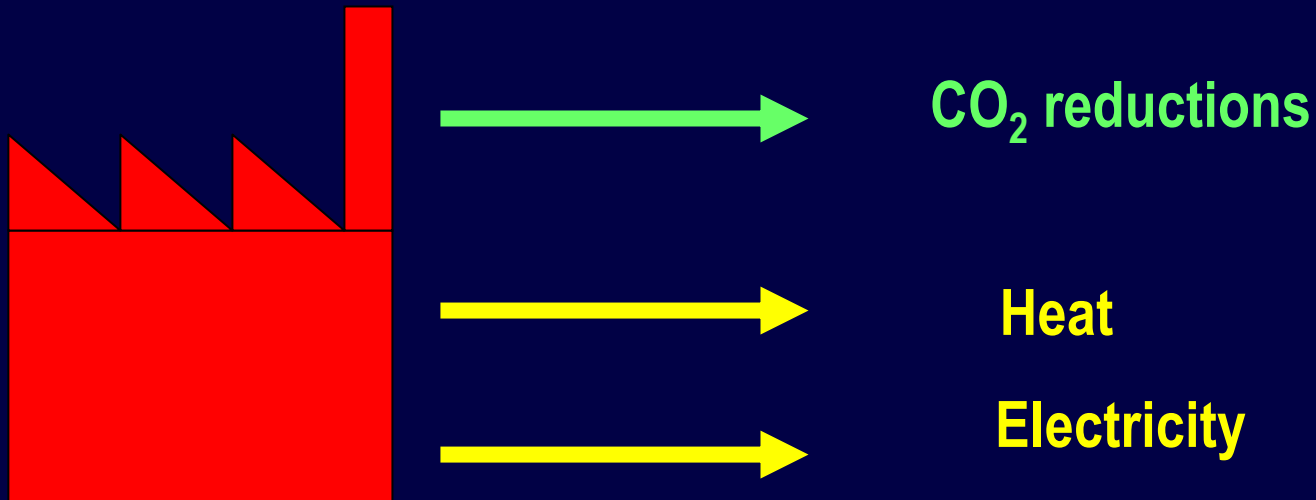


Why is CDM and JI of interest to Investors?

- Higher Return on Investment
 - Adding Value to CO₂ Reduction
 - Extra Client of the Investment (No Risk Taking)



Higher Return on Investment (1)



Higher Return on Investment (2)

Based on Market Price!!

Expectation:

Price between EUR 2 - 6

- **5 - 20 % for Energy Production**
- **50 - 100 % for Landfill Gas Extraction**



JI/CDM - why participate?

- Investors
 - higher return on investment
- Host country governments
 - attract foreign investment
 - decrease pollution
- Government of The Netherlands
 - attractively priced carbon credits



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- **JI + CDM: the whole world**
- **Public tender**
 - No preference for Dutch companies!
- **Essential**
 - feasible project
 - validated baseline
 - host country approval
- **Criteria**
 - price per carbon credit
 - feasibility of the delivery



Project types

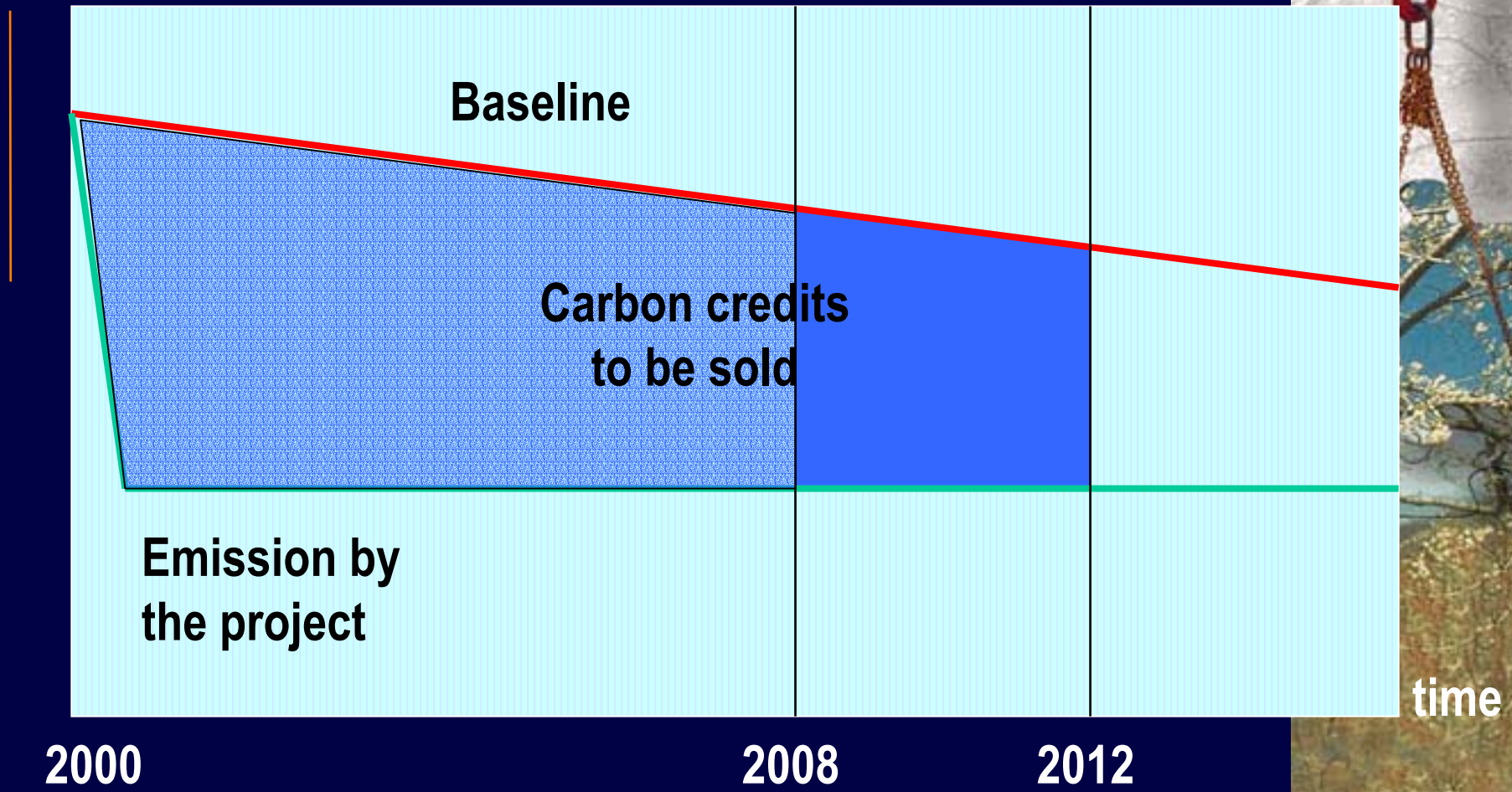
- Renewable Energy
- Fuel Switch
- Energy Efficiency
- Waste Processing



Techniques: calculation of ERUs

SENER International

Emission level



Criteria

- **selection criteria:**
 - exclusion criteria
 - financial and economic standing
 - technical capacity
- **contract award criteria**
 - price per carbon credit (ton CO₂e)
 - feasibility of the project



Wind farm Poland

- 60 MW windfarm
- 30 turbines 2 MW
- co-operation Nuon (NL) and EPA (PL)
- 583,500 ton CO₂e reduced
- carbon contract EUR 5.25 million



Planning for this year (2002)

- Tender CDM (Asia, Africa and Latin America)
 - 1 or 2 more tenders expected
- Tender JI (Central and Eastern Europe)
 - 2 more tenders



More information

- WWW.CARBONCREDITS.NL
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