

# The Den Haag Energy Fund

Richard Luigjes, Manager Fund Development  
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# AGENDA

1. What is JESSICA?
2. Fund structure
3. Fund ED
4. Projects fund ED
5. Foto's projects
7. Questions?

# WHAT IS JESSICA?

- European money EFRO
- Joint European Support for Sustainable Investment in City Areas (JESSICA)
- In the Netherlands ED (energy), FRED (economy), SOFIE (innovation and economy)
- EU-countrys invest a part of their structuremoney in revolving funds for 2 reasons
  - Revolving means that the money can be used several times
  - Instead of grants we start financingso there must be a businesscase)

# STRUCTURE

- Raise a own vehicle
  - Different participants: municipalities and companies
- Every fund has got it's own investmentstrategy
- Investment comittee
- Advisory committee
- Fundmanager (SVn)

# JESSICA fund: ED

- Energyfund Den Haag (ED): sustainable energy
- A total of 12,2 miljoen euro
- Strategy

*Improvement or expansion of urban warmth (and cooling) networks in Den Haag*

- Projects must fit in the strategy of the fund
- Market failure (commercial non-financeable)
- Projects must have a businesscase
- Social return
- Financial result
- Loans, guarantees, participations

## JESSICA fund: ED

- ED: € 12.166.279,-
- Cofinancing: € 51.489.225,-
- Social return: 92.958 Tobs CO2 reduction (4 geothermal sources)
- Social return: 700 MW by windenergy and Solar
- Social return: 18 new jobs
- Financial result: Over 5% after costs (fund manager and other)
- Loans, guarantees, participations

# Projects Energyfund Den Haag (ED)

- Projects
  - Geothermal energy sources
    - Growers – selling energy to growers (sometimes through a energy company)
    - Urbanized – selling energy to households
  - Triple solar roof on clubbuilding – natural heated water (100 people shower)
  - Solar projects
  - Heat Pump
  - Airborne windenergy – plain pulls cable connected with battery



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# Airborne windenergy





# Questions?

SVn Fund Manager

Richard Luigjes, Manager fund development

M 06 - 5121 3724

r.luigjes@svn.nl