37th Euroheat & Power Congress
27-28 April 2015, Tallinn, Estonia

Make it happen!

Astrid Madsen
City of Rotterdam
Make it happen!

- Where?
- Why?
- How?
Make it happen!

- Where?
- Why?
- How?
Heat supply

- >150 PJ residual heat
- Good circumstances for geothermal heat
Heat demand

Total: 112 PJ

- 44 PJ greenhouses
- 68 PJ urban area's
City of Rotterdam

Stadsverwarming gepland Noord
Stadsverwarming gepland Zuid
Stadsverwarming bestaand

2,5PJ
1,5PJ
Make it happen!

- Where?
- Why?
- How?
Benefits District Heating

- CO2 reduction (175kton CO2 in 2035)
- NOx reduction (10% reduction)
- Improvement of industrial energy efficiency
- Less dependency on fossil fuels
- Reduction of emission of residual heat
- Reduction of maintenance & replacement costs gas network
Cost benefit energy reduction

Energy label building

- Investments in building
- Investments in area
- Benefits energy saving house owner
Make it happen!

- Where?
- Why?
- How?
1. Understand

- Image
- Business case
- Finance
- Rules & regulation
- Lobby

Strategy planning, value social benefits
Financial support
Financial support

2. Have a plan
3. Work together internationally

20 partners from 5 cities:
- Gothenburg
- Cologne
- Genoa
- London
- Rotterdam

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3. Work together regionally

Heat Roundabout

- Den Haag
- Leiden
- Zoetermeer
- Rotterdam
- Dordrecht
3. Work together locally

- 15 stakeholders
  - Energy companies
  - Housing corporations
  - City of Rotterdam

- Shared ambition:
  - Sustainable
  - Affordable
  - Reliable
4. Synergise
Made it happen!