

PARTNERE I

ENERGISPRING

UDVIKLER FREMTIDENS BYGNINGER











































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- Copenhagen goals for reducing energy consumption
- Copenhagen building stock

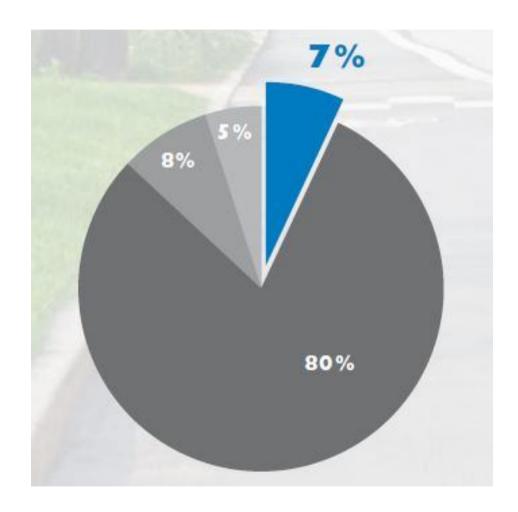
Energy Leap

- New partners and squaremeters in 2017
- Obligations Benchmark Objectives
- What's in it for the partners?
- The role of the City of Copenhagen
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ENERGY CONSUMPTION

Energy consumption only accounts for 7 % of the CO2 reductions

- However energy savings are the cheapest way to cut emissions

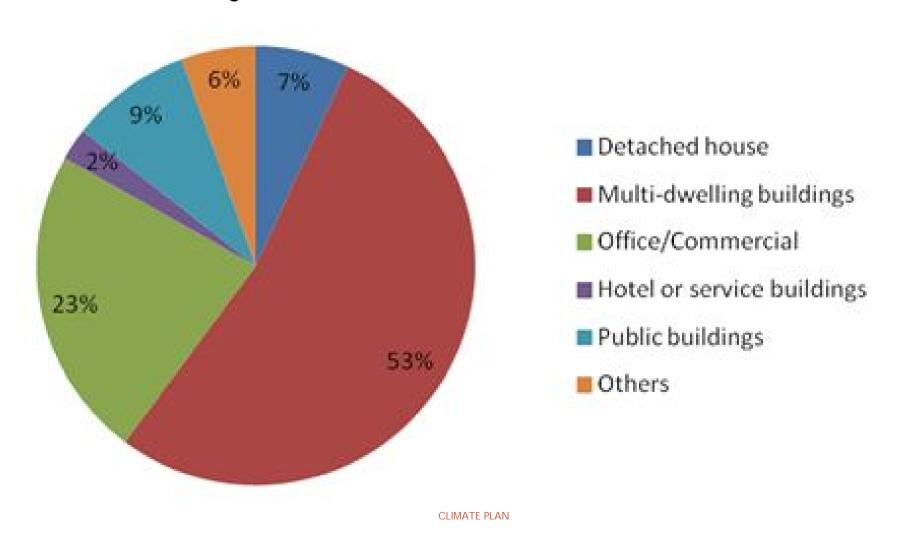


COPENHAGEN GOALS FOR REDUCING ENERGY CONSUMPTION

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GOALS 2025	STATUS 2015	
Heat consumption reduced by 20 %	Without correction for climate/weather: : Goal achieved With correction for climate/weather: No change	
Electricity consumption reduced by 10% in households	Reduced by 5 %	
Electricity consumption reduced by 20% in commercial and service companies	Increased by 1.3 %	
Municipal properties: Energy consumption reduced by 40%	Reduced by 10%	

COPENHAGEN BUILDING STOCK

Total sq. m = 42.000.000Of which housing = 25.000.000 and business = 18.000.000



ENERGY LEAP PARTNERS

26 members have joined the partnership, of which 19 property owners and property and asset managers



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OBLIGATIONS

Partners must:

- Save 3% on energy the first year and ensure that energy consumption continues to go down
- Over time reduce heat consumption by at least 20% and electricity by at least 10% by the end of 2025.
- Make data and experience from their own property portfolio available for other partners

The 7 principles

- 1. We share knowledge and data the other partners
- 2. We transform words into action 3. We think long term
- 4. We help residents and tenants 5. We benchmark the performance of our property portfolio with other comparable properties in the partnership
- 6. We act as ambassadors for the partnership
- We actively participate

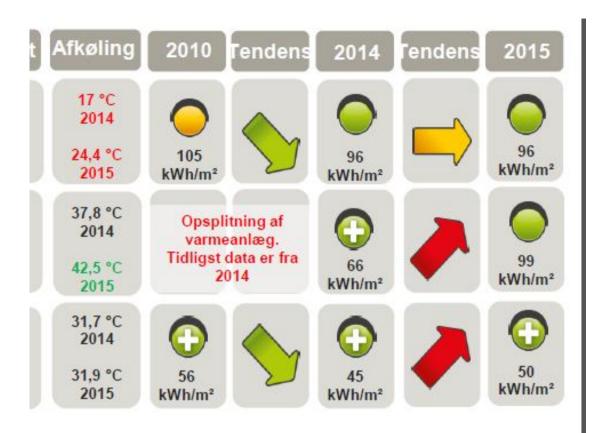
BENCHMARKING Principal 5

130 kWh / m²

100-130 kWh / m²

70-100 kWh / m2

70 kWh / m²







OBJECTIVES

2017:

- 10 more partners joining -
- Status to day: four has already signed in 2017
- 100 properties taking part in the benchmark
- Status to day: 80 properties in the benchmark = 124.000 m2

2020:

- Total sq.m represented by partners = 7 mio sq.m. equivalent to 17% of total build area in CPH (42.000.000)
- Status to day: Existing partners represent 10,3 % = 4,3 mio sq.m.



WHAT'S IN IT FOR THE PARTNERS? Sellingpoints

- New knowledge on technologies and methods
- Benchmarking
- Networking workshops with focus on what works
- You don 't want to miss out of it
- You don 't want to perform worse than they others
- Branding publicity
- Influence



BRANDING AND PUBLICITY



THE ROLE OF THE CITY OF COPENHAGEN

The City of Copenhagen and HOFOR offers to

- Facilitate recruiting and educational activities
- Benchmark energy consumption
- 2 x HOFOR System for monitoring of day-to-day energy consumption based on remote meters
- Technical personnel training courses
- Workshops for management and decision makers
- Sharing of know-how and hands-on experience from other partners
- Publicity /branding

FUTURE PERSPECTIVES

- Developing the partnership
 - Funding from the Danish Energy Agency
 - Funding from Landowners Investment Fund
- Organizing the partnership in the future
 - How to keep it relevant for all partners in the future?
- Recruiting how many partners and which ones?
- Communication in between partners and to the public
- Dissemination

RESULTS

- The partnership has given inspiration to the partners:
 - Optimizing the operating buildings
 - Solarcells on the roof
 - Optimizing ventilation
 - Pinpointed strategic barriers
 - Branding
 - Focus on the energy on the strategic level
 - More benchmark of buildings

THANK YOU FOR YOUR ATTENTION

