

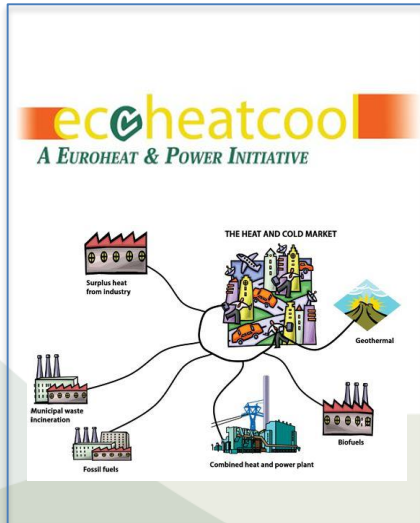
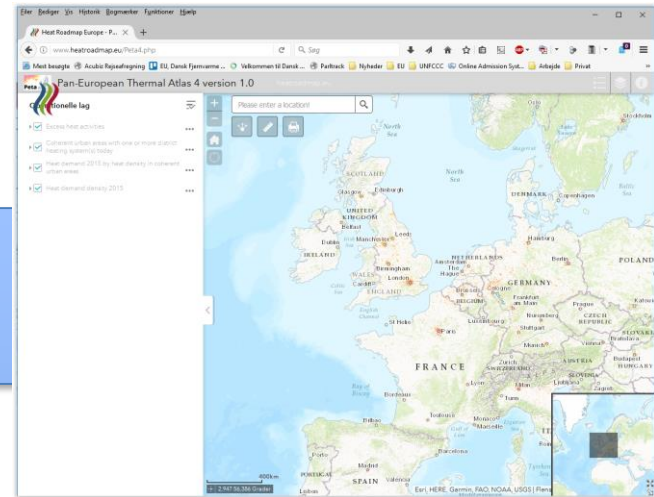
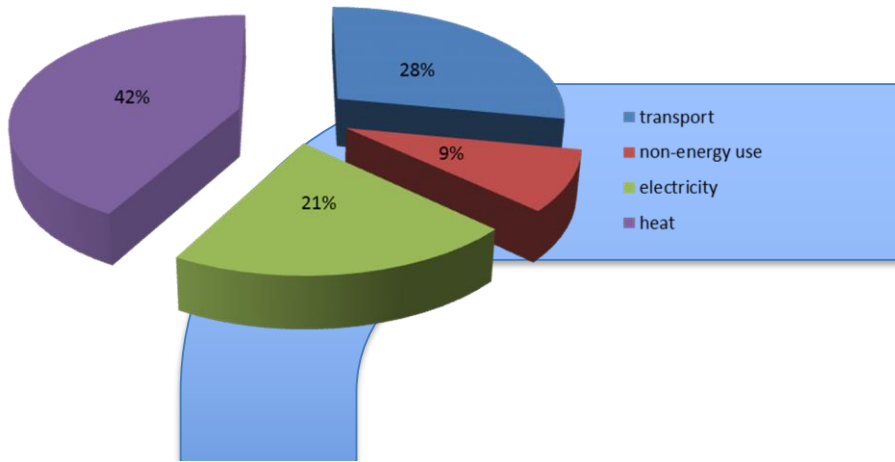
FJERNVARMEINDUSTRIENS ÅRSMØDE 2017


CLEAN ENERGY FOR ALL EUROPEANS

Birger Lauersen

GET INTO STATISTICS – AND BE SEEN!

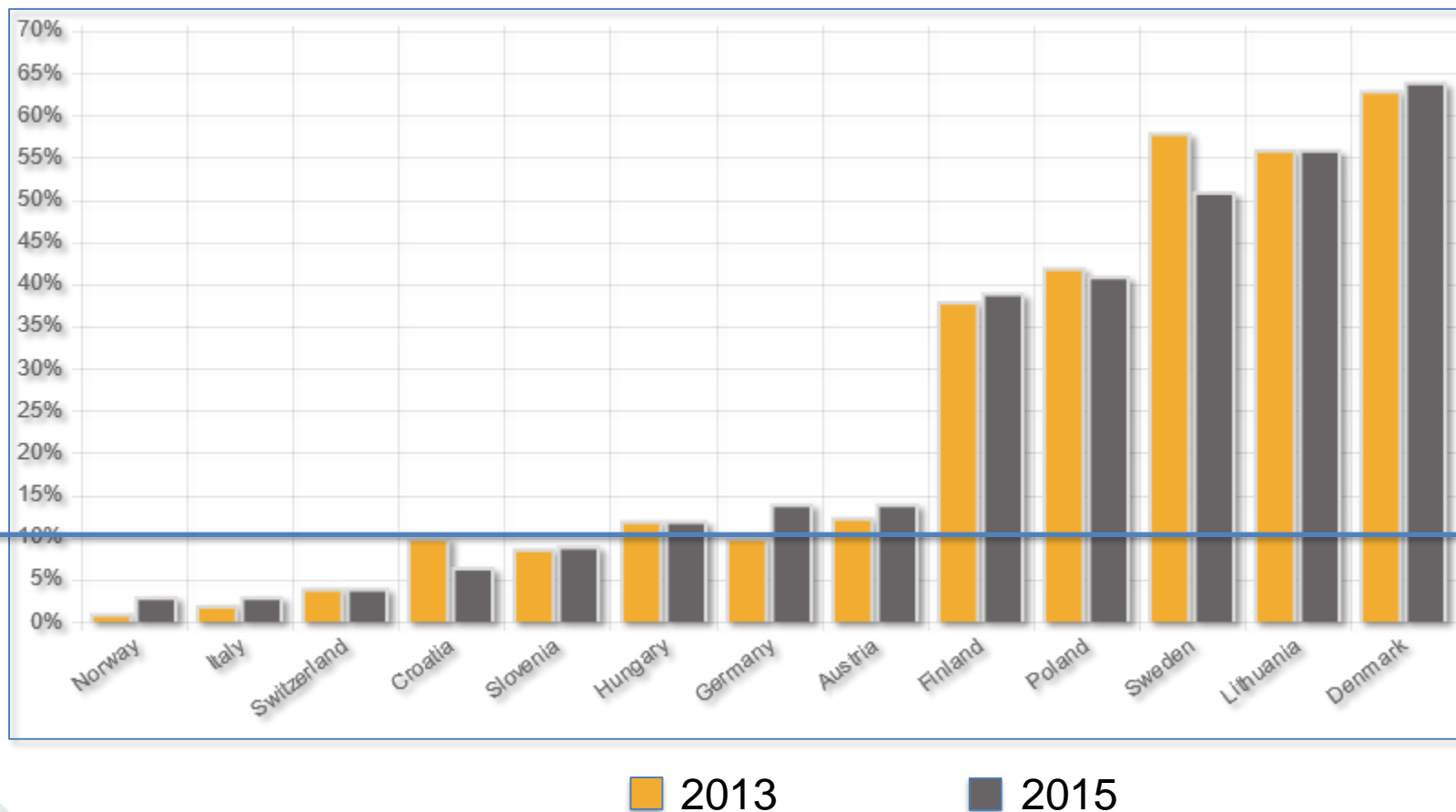
Final energy demand by energy service, 2011 (EU 27)



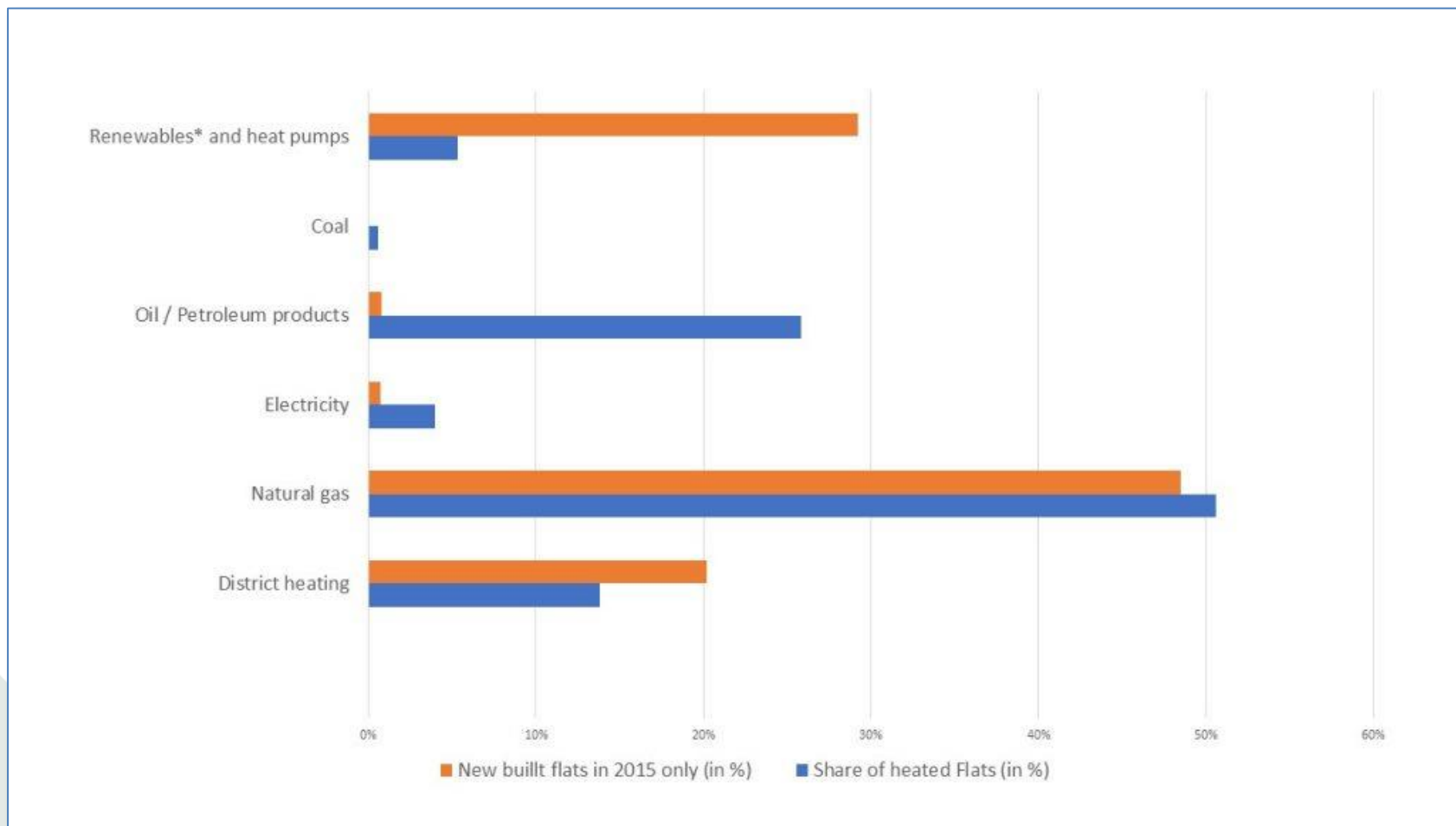

 EUROPA-KOMMISSIONEN
 MEDDELELSE FRA KOMMISSIONEN TIL EUROPA-PARLAMENTET, RÅDET, DET EUROPÆISKE ØKONOMISKE OG SOCIALE UDVALG OG REGIONSDVALGET
 En EU-strategi for opvarmning og køling
 {SWD(2016) 24 final}

*“Heating and cooling will remain the biggest demand in 2050
 Current reliance on ‘obsolete fossil-fuel boilers’ is unsustainable
 A shift to reliance on RES and surplus heat is possible and necessary
 District heating will have a vital role to play!”*

DH MARKET SHARE IN EU COUNTRIES



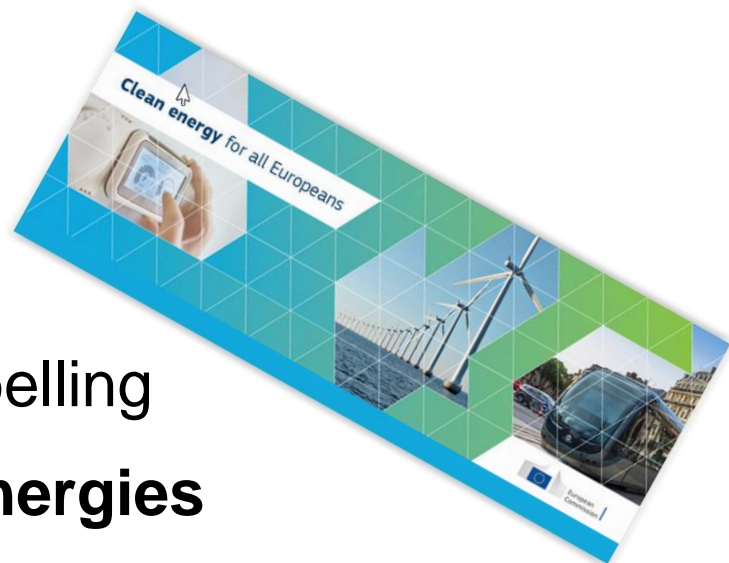
DEVELOPMENTS IN GERMAN HEATING MARKET



CLEAN ENERGY FOR ALL EUROPEANS - THE "WINTER PACKAGE"

Three main goals

- **Putting energy efficiency first**
 - Savings, buildings, ecodesign, labelling
- **Global leadership in renewable energies**
 - Target setting, levelling playing fields, developing markets, interconnection, heating and cooling, bioenergy, biofuels, circular economy, ensuring sustainability
- **A fair deal for consumers**
 - Empowerment, information, energy poverty



THE MOST DHC-RELEVANT PROPOSALS

- **Renewable Energy Directive – RED/RES-directive** (*VE-direktivet*)
 - Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the promotion of the use of energy from renewable sources (recast) (COM/2016/0767 final/2)
- **Energy Efficiency Directive - EED** (*Energieeffektiviseringsdirektivet*)
 - Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL amending Directive 2012/27/EU on energy efficiency (COM/2016/0761 final)
- **Energy Performance of Buildings Directive – EPBD** (*Bygningsdirektivet*)
 - Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL amending Directive 2010/31/EU on the energy performance of buildings (COM/2016/0765 final)

RENEWABLE ENERGY DIRECTIVE - RED

Main aims of the proposal

1. Creating an enabling framework for further deployment of renewables in the Electricity Sector;
2. Mainstreaming renewables in the Heating and Cooling Sector;
3. Decarbonising and diversifying the Transport Sector;
4. Empowering and informing consumers;
5. Strengthening the EU sustainability criteria for bioenergy;
6. Making sure the EU level binding target is achieved on time and in a cost effective way.

POSITIONS ON RED – ITRE PART DHC

Article 2

Definitions of ambient heat & waste heat or cold should be amended to ensure parity between RE and waste heat and cold

Article 19

The rules on guarantees of origin for heat should be clarified; no need for GOs on DHC as systems/markets local

Article 15, 20 & 23

Member States should choose their own policy instruments to increase RES in heating, including stronger support for waste heat or cold by counting waste heat and cold used towards targets

Article 24

The provision on increasing RES in district heating needs tailoring to ensure technical and economic viability and provide necessary assurances to customers.

POSITIONS ON RED – ENVI PART BIOMASS SUSTAINABILITY CRITERIA

Article 26

Avoiding excessive administrative burden by using risk based approach

Efficiency first – facing out support for condensing

Harmonized sustainability criteria – avoid additional criteria

Article 27

Welcome the recognition of voluntary schemes

ENERGY EFFICIENCY DIRECTIVE - EED

Main aims of the proposal

1. Extend to 2030 (and beyond)
2. Binding union target (30 %)
3. Extends energy savings obligation to 2030 (and beyond) and clarifies
4. Clarifies issues regarding metering and billing

POSITIONS ON EED

Target

Recommend setting target in primary energy

Energy savings obligation

MS should have right to include upstream savings and to use "alternative measures"

Scope

Directive should maintain focus on energy efficiency and not become framework for RE promotion

Billing/metering

Must apply to all heating sources, required meter deployment should be cost effective

ENERGY PERFORMANCE OF BUILDINGS DIRECTIVE – EPBD

Main aims/changes in the proposal

National renovation strategies (shifted from EED)

Commission decided to delete the obligation to check for the feasibility of high-efficiency alternative systems (DHC, CHP etc.) in the planning phase.

Electro mobility

Smartness readiness indicators

POSITIONS ON EPBD

Promote equal treatment

Current directive biased towards onsite energy. DHC explicitly mentioned and the concept of nearby is part of NZEB definition, but onsite produced renewable energy is advantaged

National renovation strategies

'Decarbonisation of the buildings stock' very positive, shift from 'nearly zero energy' to 'decarbonised' which broadens the focus.

Inspections

Substations may fall under the inspection requirements, which would increase the costs for consumers and make DHC less attractive

GENERAL APPROACH OF DHC SECTOR

Promote holistic approach

Not just final consumption, but whole supply chain

Promote DHC as energy efficiency in itself

Makes reaching targets cheaper

Promote realistic view on "empowered consumer"

Safeguard coherence between policies

EED, EPBD, RED, standards & norms

THE OTHER ISSUES IN THE PACKAGE

Electricity market and consumers

Ecodesign

Governance

Energy prices and costs

Energy funding

Innovation

Transport

Thank you very much!



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PLAN TO ATTEND!

24-25 OCTOBER 2017

DOHA, QATAR

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