

EMA in Finnish Daily Consumer Goods Trade

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Agenda

- Problem Formulation
- Research Setting
- Findings
- Conclusions
- Summary



Problem Formulation

How to manage energy and waste issues better in daily consumer goods trade in Finland?

Objectives:

- Defining the sector-wide minimum level for energy and waste management
- Collecting reliable quantitative information on energy and waste at daily consumer goods business in Finland

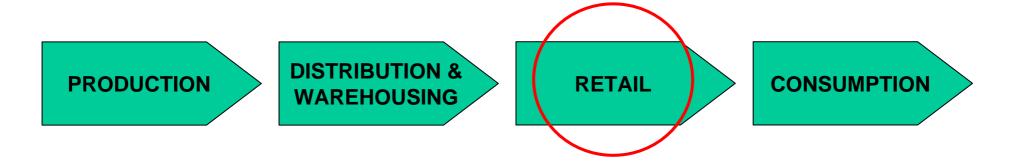


Research Setting (1/3)

- Finnish Grocery Trade Association as a project client
 - 4 main daily consumer goods trade chains & 1 wholesale company at the steering group
 - Benefits for the "umbrella organisation", trade chains and individual stores + for Finnish authorities
- Regulative push
 - Energy services directive (2006/32/EY) & the Finnish energy saving agreement
 - New regulations for waste & recycling
- Project duration 2007



Research Setting (2/3)



Limitations

- Energy (electricity and heat), water & waste
- Only retail → logistics excluded
- Finnish Grocery Trade Association's members (over 90 % of total sales)



Research Setting (3/3)

Methods

- Literature review, benchmarking, expert interviews & SG meetings (plan)
- SG workshop (do)
- Case studies (check)
- SG meetings and workshops, external ICT partner (act)



Findings (1/2)

- Various challenges
 - Lacking information collection and usage culture
 - Comparisons challenging
 - Numerous actors
 - Changing regulations and legislation
 - No Internet connections...



Findings (2/2)

- Planned metrics
 - Electricity (kWh)
 - Heat (kWh or kWh eq.)
 - Water (m³)
 - Waste components (t, % of the total)
 - Recycling rate (%)
- Electricity and water will be proportioned to area (m²), heat to volume (m³), and waste to sales (€)



Conclusions

- Challenging project but good cooperation
- Minimum level defined at this stage
 - Common "interface" for the chains
 - Guideline can later set numerical objectives, and be widened to other processes
 - Information system can be later deepened and/or widened



Summary

- Varying practices at different stores / chains
- Pressure from legislation
- Guideline & information collection system
- Next steps: 9 case studies in summer 2007

Ideas welcome to / more information from:

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