

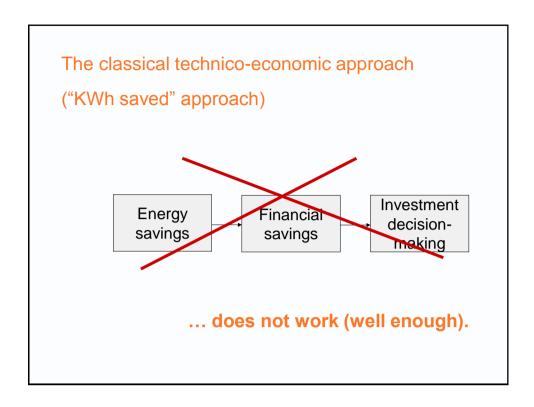


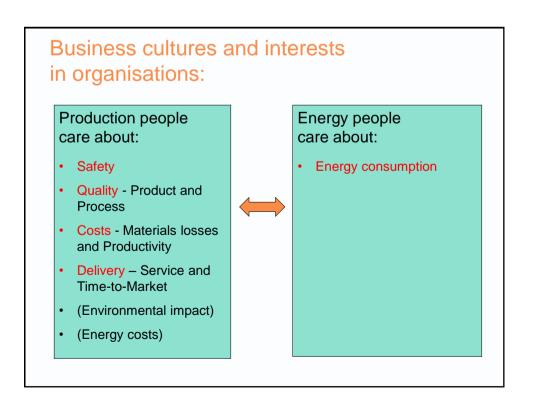
Catherine Cooremans, MBA, PhD

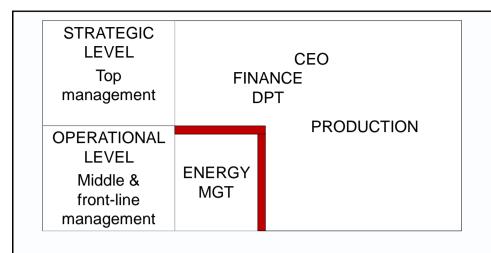


UNECE Group of Experts on Energy Efficiency (GEEE), 31 October 2017

Context







- Energy = non-core business, a secondary issue.
- Energy manager has difficulty accessing and communicating with top management and production.

Solution

A broader approach:

- Energy efficiency as a profit center
- The Multiple Benefits of energy efficiency

Energy efficiency as a profit center

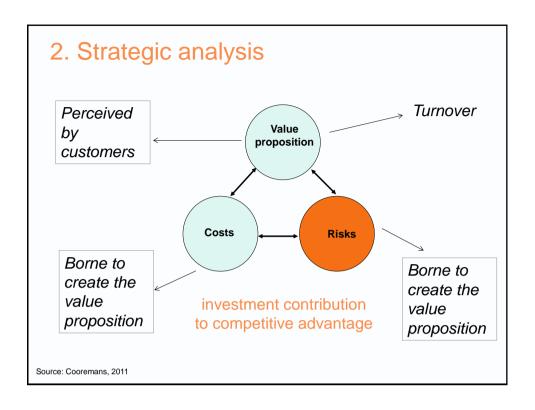
The concept

- 1. Operational and energy analysis
- 2. Strategic analysis
- 3. Financial analysis

1. Operational & energy analysis

Identifying:

- Process map and process services
- Energy services
- Equipment and systems + monitoring & control tools
- · Energy carriers



3. Financial analysis

Benefits (or impacts) of energy-efficiency projects are quantifiable

3 methods to define magnitude:

- Estimation
- Calculation
- Measure



Information does exist in companies: just ask the right people!

EU H2020 M-BENEFITS

Evaluating & Communicating the Multiple Benefits of Energy-Efficiency Projects

3 years - 13 partners - 11 EU countries

EU H2020 - M-BENEFITS DELIVERABLES

- 1. Create a harmonised approach and methodology
- 2. Develop database and case studies
- 3. Develop ways to communicate about MBs to stakeholders
- 4. Train the "efficiency providers" inside and outside companies

THANK YOU FOR YOUR ATTENTION

catherine.cooremans@unige.ch catherine.cooremans@unine.ch