

Towards the IEA handbook on Multiple Benefits

**Paris, France
Monday, 27 January 2014
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**International
Energy Agency**

The IEA background paper

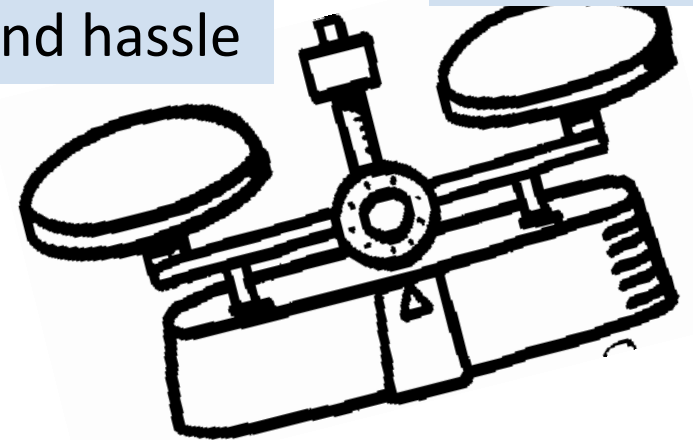
- **The business case for quantifying non-energy benefits**
- **The range of benefits**
- **Methodologies**
 - Site and company level
 - Policy or programme level
 - Sector or economy wide level
- **Issues to consider**
- **Next steps**
 - further research
 - application
 - sharing information

Creating the business case

- **Who is interested? (or might be interested)**
 - Energy manager
 - CIO
 - Energy service provider
 - Financial sector
 - Shareholders
 - Policy officers
 - Strategic level policy makers
- **What are the selling points?**
- **What is needed to make a compelling case?
What do we have? What more is needed?**

Effort, cost
and hassle

value



Which non-energy benefits?

- How do we go from 100 possible benefits to a few key benefits that are most **relevant** and **feasible** to quantify?
- Are some benefits better than other benefits?
 - Production
 - Operation and maintenance
 - Work environment
 - Environmental
 - Business competitiveness and strategic objectives
 - Other
- Different stakeholders care about different benefits – or not always?

A black chalkboard with white chalk writing. The text is arranged in three lines, each starting with a square box. The first line is 'MINE', the second is 'YOURS', and the third is 'OURS'. The 'O' in 'OURS' has a checkmark inside it.

MINE
 YOURS
 OURS

Methodologies

- **Towards outlining a step by step process**
- **Building on existing surveys**
- **Identifying approaches**
 - **Company level approach**
 - **Policy/programme level**
 - **Aggregating or extrapolating for wider sector or economy benefits**

Selecting benefits

Selecting indicators

data collection

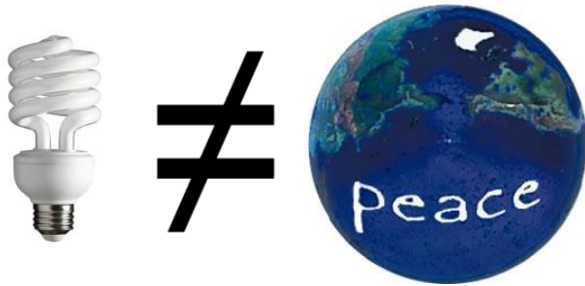
quantification

monetisation

using quantified data on non-energy benefits

Issues to consider

- **Causality – linking benefits to energy efficiency measures and setting realistic boundaries**



- **Short term or long term?**
- **Could be limited transferability**
- **Dealing with intangibles & subjectivity**
- **Dealing with negative impacts (non-energy non-benefits?)**
- **Etc...**

Next steps (beyond the IEA book)

Recommendations for further action

- Further research
- From guidance to application
- Sharing information & results
- Refining how non energy benefits are used

