

Ongoing International Standardization Initiatives of Carbon Footprinting

Carbon Footprint of products – everybody creates his rules

Companies

TESCO

WAL★MART

“We are examining our indirect carbon footprint – the emissions created by our suppliers and customers – so we can work to reduce our overall impact on the environment.”

Authorities



Strong demand to reduce CO₂ – emissions in transport and building sector

Public debate

Biased conclusions may lead to market distortions

ISO standardisation on CFP

- The Carbon Footprint can be calculated according to ISO 14044 (formerly ISO 14042) as indicator result, related to the impact category „climate change“.
- The term „Carbon Footprint“ is not used in this standard

PAS 2050 – CF of Products

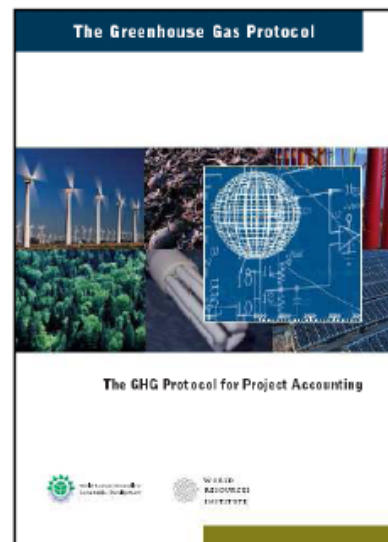
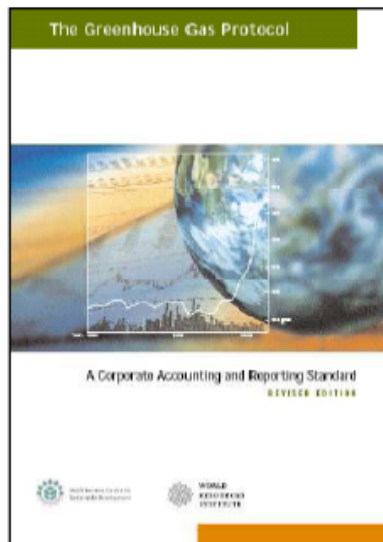
- Has been developed by UK-based organisations (DEFRA and CARBON TRUST) together with the British Standards Institute (BSI)
- Published since the end of October 2008
- Tries to integrate life cycle thinking
- Tries to regulate everything – no room for goal and scope definition or product category rules
- Does not always follow the guidance of ISO 14044

ISO 14067 – Further procedure

- **New work item „Carbon Footprint of products“ has been approved:**
 - ISO 14067-1 : quantification
 - ISO 14067-2 : communication
- **ISO 14067-1 will build on ISO 14044 - LCA**
- **ISO 14067-2 will build on ISO 14025 – EPD**
- **Based on input from experts and discussions at WG 2 meeting in Malaysia, first drafts are being worked out by drafting committee, to be sent out by end April**
- **Next WG 2 meeting in Cairo end of June**

New initiative of WRI/WBSC

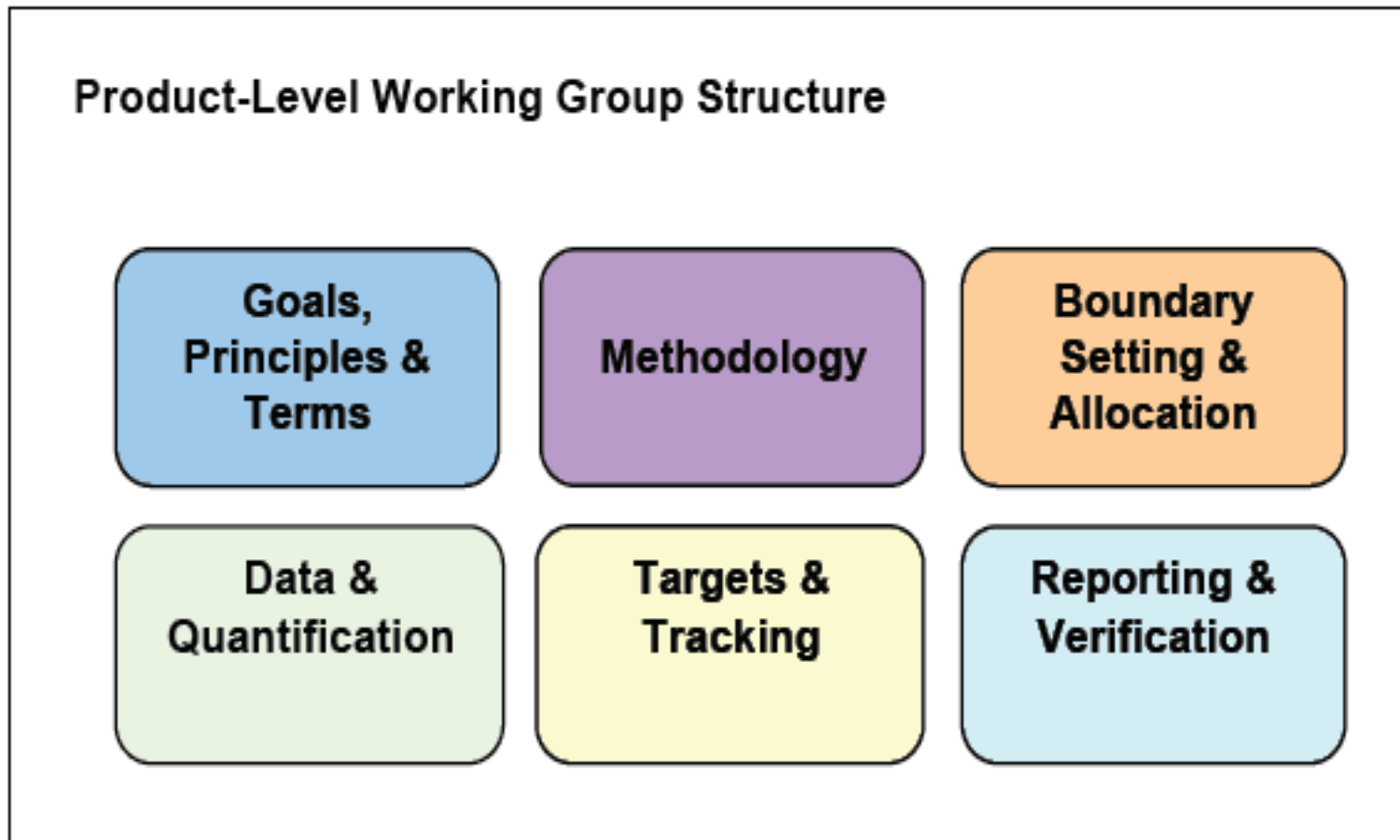
Outputs of the GHG Protocol Product/Supply Chain Initiative



**Product
Life Cycle
Accounting &
Reporting
Standard**

**Corporate
Value Chain
Accounting &
Reporting
Guidelines**

Working groups for WRI/WBCSD standard on Product CF



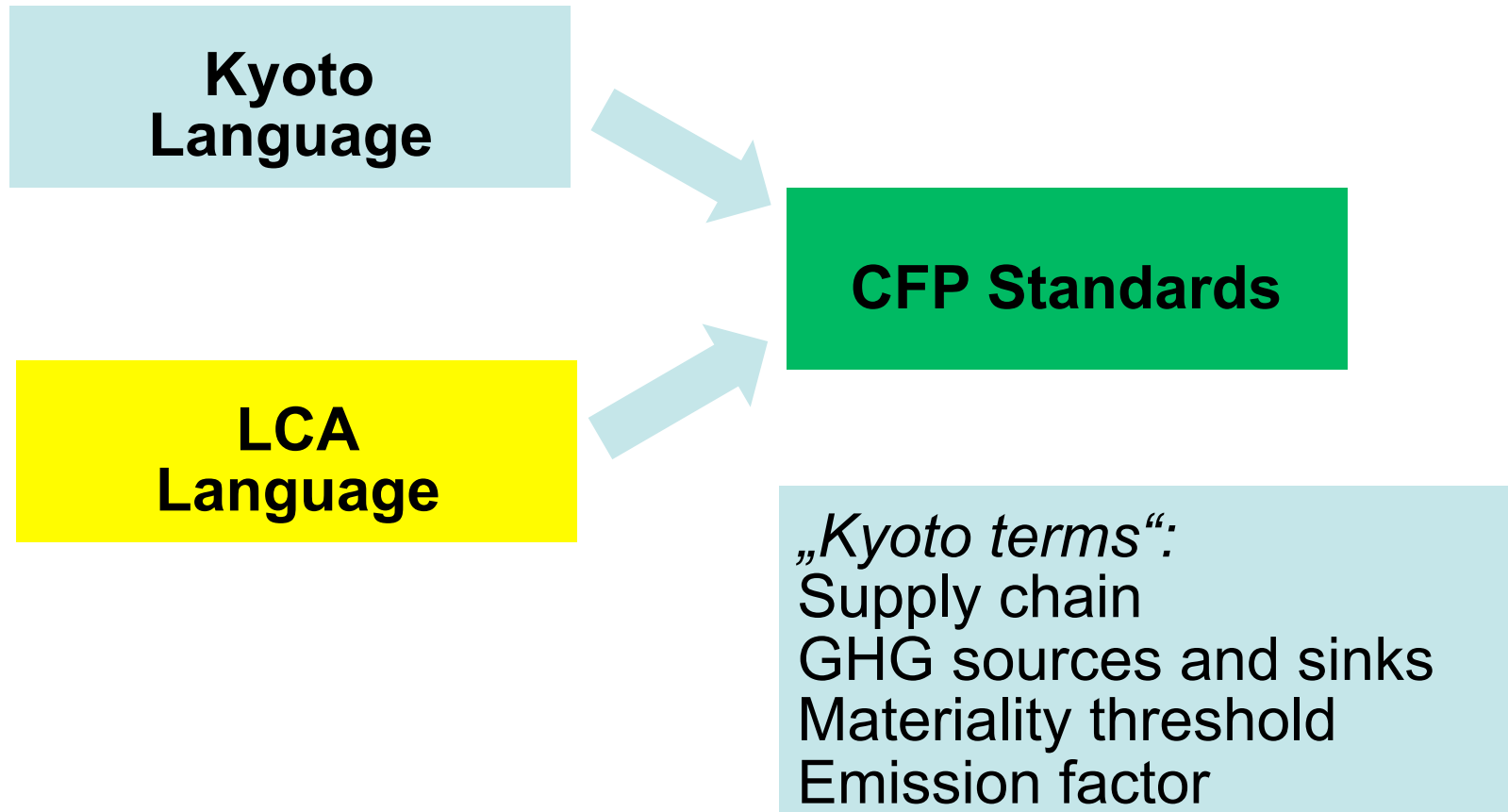
Issues under discussion

- **Framework or detailed regulations?**
- **How to assure comparability**
- **Process based vs input-output based**
- **System boundaries - allocation**
- **Data quality requirements**



Steering committee meets to-day
In Geneva

The language issue



The main bias to be avoided

- **Low Carbon Footprint does not per se mean a high environmental performance**
- **Do not forget the other impact categories!**
- **New ISO standard on „water footprint“ initiated**