

# **Reporting and review issues under the KP**

**Challenges encountered and problems raised during  
ICR 2010**



Karsten Dunger  
Brussels, 2010/11/09

## Challenges in KP-LULUCF-reporting

- Datasources (designed for other purposes)
  - Lack of historical data
    - Activity data
    - Emission factors
  - Consistency between datasources
    - Forest inventory vs. mapping data (sectoral, spatial)
    - Different data sources for different times (time series)
  - Combination problems (compatibility)

## Problems raised during ICR 2010

- Activity data
  - Use of different datasources
    - Consistency in time (LULUC) and space (ARD) and between activities/LUC
    - How to ensure consistency with incompatible and incomplete datasets?
    - How to deal with „jumps“ (different datasets with matching definitions leading to non-matching results)
- Emission factors
  - Soil carbon (symetric vs. asymeric)
  - Interannual differences vs. Periodic inventories

### Action Plan (to improve inventory system)

- land area identification and land use matrix
  - Reclassification with use of different data sets
  - recalculation with sampling approach
- estimation of emissions and removals
  - Improvements (simplification) and completion (soil carbon)
- Aimed on ensurance of consistency across categories and time series (incl. QA/QC measures)

- Consolidation of reporting system
- Re-evaluation of data-sources
- Permanent improvement of methodology used