

## Changes in the EcoReport tool from version v2.06 to v3.06 (by Fraunhofer IZM) – March 2014

The following features developed within the project “Technical assistance for a material-efficiency Ecodesign report and module to the Methodology for the Ecodesign of Energy-related Products (MEErP)” were added. They are described in detail in the corresponding project report:

- CRM calculator (excel sheet: CRM)
- Recyclability benefit rate (RBR) for plastics with the following excel sheets:
  - “Input RBR”: data input for recycling processes
  - “Data RBR”: background calculations for RBR (not adjustable by the user, but visible for better understanding of data)
- New data sets for recycled materials
  - “Office paper (from recycled cellulose)” (added in excel sheet Extra Materials)
  - “Office paper (from primary cellulose)” (added in excel sheet Extra Materials)
  - “HDPE (recycled)” (added in excel sheet “Data2” in unprotected version)
  - “PVC (recycled)” (added in excel sheet “Data2” in unprotected version)
  - “PET (recycled)” (added in excel sheet “Data2” in unprotected version)
- An excel sheet with the used data sources was added (excel sheet: “Data Sources”).

Besides these additions originally developed during the project, the following changes were applied:

- Credit given for recycling in end-of-life was reduced for all material categories from 100% to the following values:
  - Re-use: 75%
  - Material recycling: 40%
  - Energy recovery: 30% (does not apply for metals)
  - The corresponding calculations are only visible in the unprotected version of the tool (excel sheet “Data 3”). They affect the results in column K, excel sheet “RESULTS”. As a new feature, these percentages can be adjusted by the user of the tool (excel sheet “EoL”).
- Bug fix: For ferro metals the sum of re-use, recycling and disposal added up to more than 100% in version v2.06 (excel sheet “Data 3” in the unprotected version). This was fixed.