

SUPPLY

USE

Transactions of products

200 products x 48 countries	164 activities x 48 countries	6 final consumers x 48 countries
	Supply of products File: MR_HSUP_2011_v3_3_17.xls b – sheet “SUP”	

200 products x 48 countries	164 activities x 48 countries	6 final consumers x 48 countries	48 countries
	Use of products File: MR_HUSE_2011_v3_3_17.xls b – sheet “USE”	Final demand MR_HFD_2011_v3_3_17.xlsb – sheet “FD”	Waste treatment of stock MR_HFD_2011_v3_3_17.xlsb – sheet “stock_to_waste”

Extensions and Auxiliary information

file:
MR_HSUT_2011_v3_3_17_extensions.xlsb

66 emissions	Emissions [sheet “Emiss_act”]	Emissions [sheet “Emiss_FD”]
19 waste fractions	Supply of waste [sheet “waste_sup_act”]	Supply of waste [sheet “waste_sup_FD”]
66 emissions		Waste supply of stocks* [sheet “crop_res_FD”]
19 waste fractions	Stock addition of activities [sheet “stock_addition_act”]	Stock addition in final consumers [sheet “stock_addition_FD”]
66 emissions	Emissions of unregistered waste [sheet “Emis_unreg_w_act”]	Emissions of unreg. waste [sheet “Emis_unreg_w_FD”]
19 waste fractions	Supply of packaging [sheet “pack_sup_waste_act”]	Supply of packaging [sheet “pack_sup_waste_fd”]
19 waste fractions	Supply of machineries [sheet “mach_sup_waste_act”]	Supply of machineries [sheet “mach_sup_waste_fd”]
7 residual categories	Supply nec [sheet “crop_res_FD”]	Supply nec [sheet “crop_res_FD”]
7 residual categories	Avoided emissions [sheet “Avoided_emiss”]	

39 natural resources	Use of resources [sheet “resource_act”]	Use of resources [sheet “resource_FD”]
19 waste fractions	Use of waste [sheet “waste_use_act”]	Use of waste [sheet “waste_use_FD”]
5 types of land	Use of land [sheet “Land_act”]	Use of land [sheet “Land_FD”]
19 waste fractions	Use of packaging [sheet “pack_use_waste_act”]	Use of packaging [sheet “pack_use_waste_fd”]
19 waste fractions	Use of machineries [sheet “mach_use_waste_act”]	Use of machineries [sheet “mach_use_waste_fd”]
7 residual categories	Use nec [sheet “crop_res_FD”]	Use nec [sheet “crop_res_FD”]

*includes materials produced in previous accounting periods and eventually discharged

MASS BALANCE per column (only flows accounted in tonne)

Transactions
of products

Excluding waste
treatments

Extensions and Auxiliary
information

file:
MR_HSUT_2011_v3_3_17_extensions.xlsb

Excluding mining waste

*includes materials produced
in previous accounting periods
and eventually discharged

SUPPLY

164 activities x 48 countries	6 final consumers x 48 countries
<p>+</p> <p>Supply of products File: MR_HSUP_2011_v3_3_17.xls b – sheet “SUP”</p>	

66 emissions	<p>+</p> <p>Emissions [sheet “Emiss_act”]</p>	Emissions [sheet “Emiss_FD”]
19 waste fraction	<p>+</p> <p>Supply of waste [sheet “waste_sup_act”]</p>	Supply of waste [sheet “waste_sup_FD”]
66 emissions		Waste supply of stocks* [sheet “crop_res_FD”]
19 waste fractions	<p>+</p> <p>Stock addition of activities [sheet “stock_addition_act”]</p>	Stock addition in final consumers [sheet “stock_addition_FD”]
66 emissions	<p>+</p> <p>Emissions of unregistered waste [sheet “Emis_unreg_w_act”]</p>	Emissions of unreg. waste [sheet “Emis_unreg_w_FD”]
19 waste fraction	<p>+</p> <p>Supply of packaging [sheet “pack_sup_waste_act”]</p>	Supply of packaging [sheet “pack_sup_waste_fd”]
19 waste fraction	<p>+</p> <p>Supply of machineries [sheet “mach_sup_waste_act”]</p>	Supply of machineries [sheet “mach_sup_waste_fd”]
7 residual categories	<p>+</p> <p>Supply nec [sheet “crop_res_FD”]</p>	Supply nec [sheet “crop_res_FD”]
7 residual categories	<p>+</p> <p>Avoided emissions [sheet “Avoided_emiss”]</p>	

USE

164 activities x 48 countries	6 final consumers x 48 countries	48 countries
<p>-</p> <p>Use of products File: MR_HUSE_2011_v3_3_17.xls b – sheet “USE”</p>	Final demand MR_HFD_2011_v3_3_17.xlsb– sheet “FD”	Waste treatment of stock MR_HFD_2011_v3_3_17.xlsb– sheet “stock_to_waste”

39 natural resources	<p>-</p> <p>Use of resources [sheet “resource_act”]</p>	Use of resources [sheet “resource_FD”]
19 waste fraction	<p>-</p> <p>Use of waste [sheet “waste_use_act”]</p>	Use of waste [sheet “waste_use_FD”]
5 types	Use of land	Use of land

There could be unbalances because of:

- Unregistered waste is converted into emissions
- Some emissions are not accounted (for example oxygen emitted by plants)
- Some resources included in the emissions are not included (for example oxygen in the NOx emissions when spreading fertilizers)

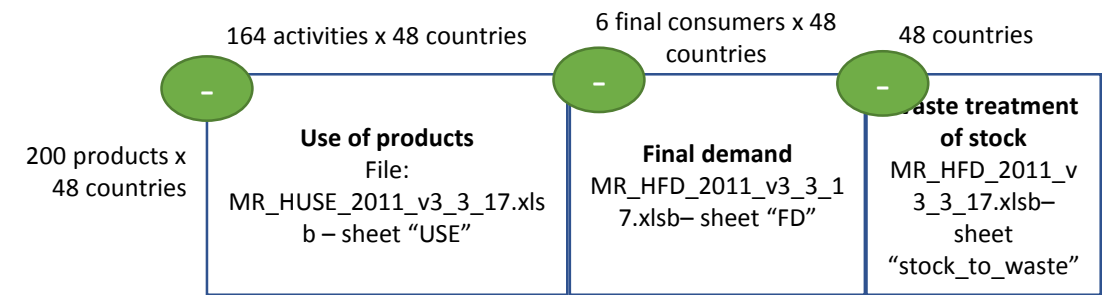
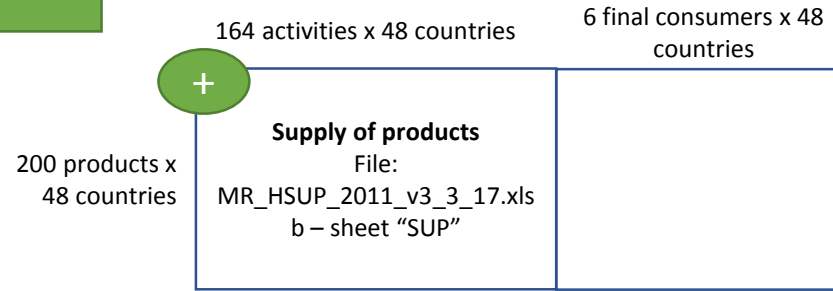
19 waste fraction	<p>-</p> <p>Use of packaging [sheet “pack_use_waste_act”]</p>	Use of packaging [sheet “pack_use_waste_fd”]
19 waste fraction	<p>-</p> <p>Use of machineries [sheet “mach_use_waste_act”]</p>	Use of machineries [sheet “mach_use_waste_fd”]
7 residual categories	<p>-</p> <p>Use nec [sheet “crop_res_FD”]</p>	Use nec [sheet “crop_res_FD”]

BALANCE per row

SUPPLY

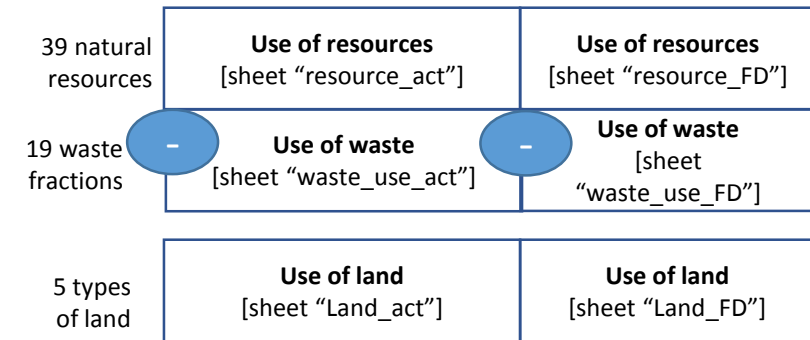
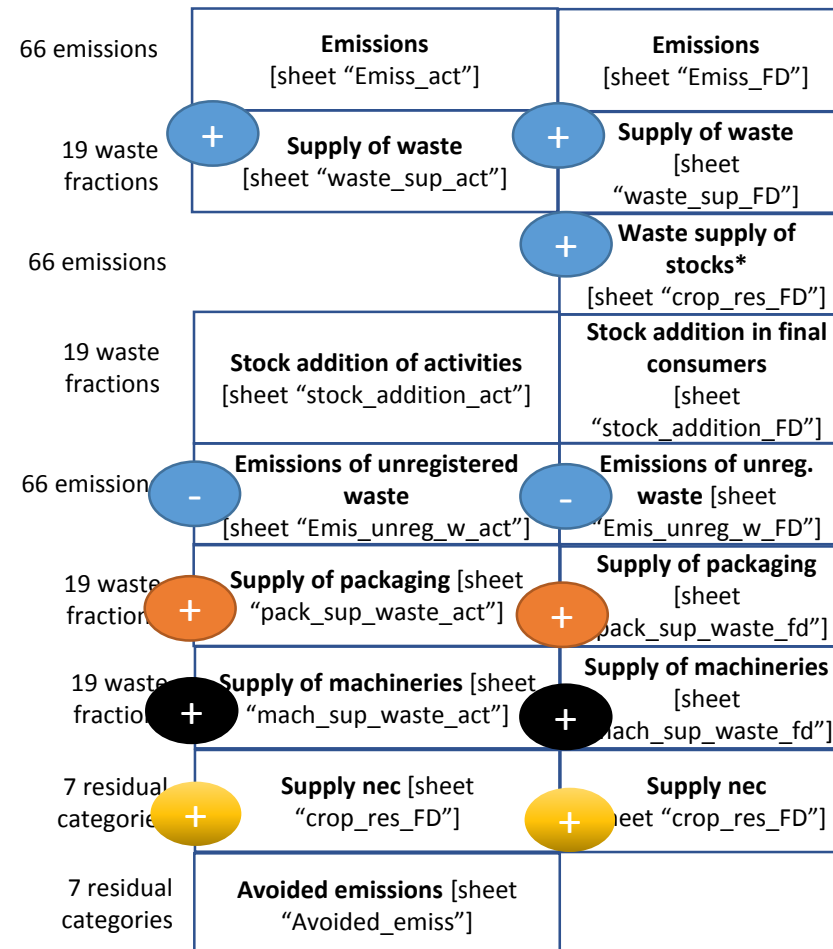
USE

Transactions of products

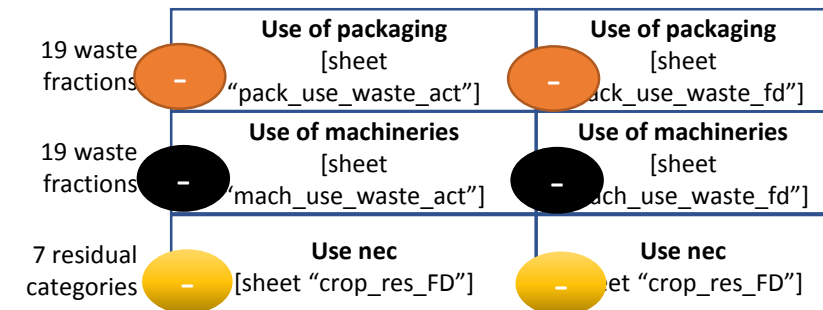


Extensions and Auxiliary information

file:
MR_HSUT_2011_v3_3_17_extensions.xlsb



There could be unbalances because unregistered waste is converted into emissions



*includes materials produced in previous accounting periods and eventually discharged