

CHECKLIST : INDICATORS IN THE SEEA REV VOLUME 1

KEY AGGREGATES FOR THE PHYSICAL FLOW ACCOUNTS

Key aggregate	Units
EWMFA	
Domestic material consumption	kg
Net additions to stock	kg
Physical trade balance	kg
Residual accounts	
Net emissions	kg or equivalents
Net accumulation on national territory	kg or equivalents
Net cross boundary outflow by env. media	kg or equivalents
Energy accounts	
Total domestic energy extraction	Joule
Total energy requirement of the economy	Joule
Total net energy consumption	Joule
Water accounts	
Total water abstraction	
Total use of water received from other economic units	
Total supply of wastewater to other economic units	
Total returns	
Total water consumption	

DERIVED INDICATORS FOR THE PHYSICAL FLOW ACCOUNTS

Residual accounts	
Absorption / recycling	kg or %
Energy accounts	
Percentage of renewable energy consumption	%
Import dependency	%
Water accounts	
Reused water / total water supply to economic units	%

KEY AGGREGATES ON ENVIRONMENTALLY-RELATED TRANSACTIONS

Environmental taxes and subsidies

Total green taxes	monetary
Total environmental fees	monetary
Environmentally motivated subsidies	monetary
Environmental off-budget subsidies	monetary

Environmental protection expenditure

Total environmental protection expenditure	monetary
Total capital expenditure on environmental protection	monetary
Total current expenditure on environmental protection	monetary
Total resource management expenditure	monetary
Total investments in resource management	monetary

Environmental permits

Opening stock	number or monetary value
Closing stock	number or monetary value
Total of permits purchased	number or monetary value
Total of permits surrendered	number or monetary value
Total of permits sold	number or monetary value

Environmental goods and services sector EGSS

EGSS total value added	monetary
EGSS total employment	full time equivalent
EGSS total exports	monetary

DERIVED INDICATORS ON ENVIRONMENTALLY-RELATED TRANSACTIONS

Environmental taxes and subsidies

Green taxes / total tax revenues	%
Environmental fees / total tax revenues	%
Environmentally motivated subsidies / total subsidies	%
Potentially environmentally damaging subsidies / total subsidies	%

Environmental protection expenditure

EPE of households / total household expenditures	%
EPE of industry / total intermediate consumption	%
EPE of government / total government spending	%
Environmental capital expenditure / total capital expenditure	%

Environmental permits

Total permits allocated / verified emissions	%
Total permits sold / total permits allocated	%
Total permits imported / total permits purchased	%
Total permits exported / total permits sold	%

Environmental goods and services sector EGSS

Contribution EGSS (value added) to economic growth	%
Total employment EGSS / total employment	%

Total exports EGGS / total exports %

KEY AGGREGATES FOR THE ASSET ACCOUNTS

Opening stock	kg or monetary
Changes due to transactions	kg or monetary
Additions to stock level	kg or monetary
Deductions from stock level	kg or monetary
Other changes in stock levels	kg or monetary
Closing stock	kg or monetary

DEPLETION INDICATORS DERIVED FROM THE MAIN AGGREGATES

Renewables

(Natural Growth - Harvest) / Opening Stock	Physical units, %
Harvest / Opening Stock	Physical units, %
Natural Growth / Harvest	Physical units, %
Remaining Stock / Harvest	Physical units, years, %
Natural Growth / Remaining Stock	Physical units, %
Remaining Stock / Natural Growth	Physical units, years, %

Non-renewables

Extraction / Opening Stock	Physical units, %
Remaining Stock / Opening stock	Physical units, %
Remaining Stock / Extraction	Physical units, years, %

Description

Domestic Material Inputs minus exports
Physical growth rate of the economy
Imports minus exports

Gross emissions minus absorption / reuse
Gross emissions plus/minus transboundary flows minus absorption /use
Inflow of residuals from ROW minus outflow of residuals to ROW

The domestic extraction of all primary energy products (renewable and non-renewable)
Equals imports of energy products + domestic energy extraction. This is also equal to the total net energy consumption + exports of energy products
The total net energy consumption of the economy: final energy use + conversion losses

Total water abstraction by the economy (groundwater and surfacewater)
Total water use supplied by other economic units; by households, industry etc.
Supply of wastewater to sewerage; by households, industry etc
Total return of water to the environment; by households, industries etc.
Difference between total water supply and total water use; by households, industries etc.

Percentage (or total) of the residuals reused by economic activities

Renewable energy consumption as percentage of the total net energy consumption
Percentage of net energy use originating from imports

Percentage of water reused for economic activities

By type of permit, i.e. CO2, SO2 etc.
By type of permit, i.e. CO2, SO2 etc.
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Tax burden related to use of the environment
Tax burden related to use of the environment

Burden of EPE on households
Burden of EPE on industry
Burden of EPE on government
Proportion of total capital formation

Volume of trade (by total economy or by industry)
Proportion of foreign trade (by total economy or by industry)
Proportion of foreign trade (by total economy or by industry)

Contribution of environmental industry to economic growth
Contribution of environmental industry to labour force

Contribution of environmental industry to exports

Level of the resource available at the beginning of the accounting period

Acquisitions/ gross fixed capital formation /changes in inventories

Discoveries/ reclassifications / natural growth

Extraction / reclassifications

Catastrophic losses / degradation of produces assets / change in classification

Level of the resource available at the end of the accounting period

Gain or loss of stock over the period as a percentage of the opening stock

Percentage of opening stock harvested in the period.

Natural growth as a percentage of harvest.

Number of years until exhaustion at prevailing rate of harvest

Gain or loss (natural growth and mortality) as percentage of remaining stock

Number of years required for current natural growth to recreate size of the remaining stock

Percentage of opening stock extracted in the period.

Percentage of opening stock remaining at end of the period.

Indicates number of years remaining until exhaustion at current extraction rate