Table 18

SEEA Supply (origin) table for residuals

Physical units (tonnes)

Origin (supply by):		Industries				Consumption			RoW	Total
		Agriculture, fishing and mining	Manufacturing, electricity etc. and construction	Services	Total Industries	Own account transport	Other consumption	Total consumption	RoW	
		I1	I2	I3	I	C1	C2	C	M	
Within the economy	Supply of emissions to other economic units (or own use)									
	Emission category no. 1									
	Emission category no. 2		20							20
	Emission category etc.		5							5
	Supply of solid waste (and wastewater) to other economic units (or own use)									
	Waste category no. 1								10	10
	Waste category no. 2									
	Waste category etc									
To the environment	Supply of emissions to the environment									
	Emission category no. 1		100							100
	Emission category no. 2									
	Emission category etc.									
	Supply of solid waste (and wastewater) to the environment									
	Waste category no. 1									
	Waste category no. 2									
	Waste category etc									
Total residuals										

Table 19

SEEA Use (destination) table for residuals

Physical units (tonnes)

Destination (use by):		Industries				Capital	Cons	RoW	Enviro	Total
		Agriculture, fishing and mining	Manufacturing, electricity etc. and construction	Services	Total industries	Capital formation	Consumption	RoW	Environment *	
		I1	I2	I3	I	CF	C		X	
From the economy	Use of emissions supplied by economic units (or own use)									
	Emission category no. 1								100	100
	Emission category no. 2				20					20
	Emission category etc.		5							5
	Use of solid waste (and wastewater) supplied by economic units									
	Waste category no. 1		10							10
	Waste category no. 2									
	Waste category etc									
Total										

* all emissions / solid waste and wastewater not used by economic units will end up in the environment.

Table 20

SEEA Emissions to air, by sector/industry of supply

Physical units (tonnes)

Pollutant		Production									Consumption			
		Agriculture	Mining	Manufacturing	Electricity etc.	Construction	Transport services, road	Transport services, air	Transport services, water	Other services	Transport	Other	Other sources	Total
CO_2														
N_2O														
CH_4														
NO_X														
SO_2														
NH_3														
Other														

Choice of specific types of emission and industry classification are dependent on country requirements

Table 21

SEEA Gross and net emissions to water

Pollutant	Industries by ISIC categories						
	1-3	5-33 41-43	35	36	37	38, 39, 45-99	Total
1. Gross emissions (=1.a+1.b)							
1.a Direct emissions to water (=1.a.1+1.a.2=1.a.i+1.a.ii)							
1.a.1 Without treatment							
1.a.2 After on-site treatment							
1.a.i To water resources							
1.a.ii To the sea							
1.b To sewerage (ISIC 37)							
2. Reallocation of emissions by ISIC 37							
3. Net emissions (=1.a+2)							

Table 22

SEEA Emissions by ISIC 37, sewerage services

Physical units (tonnes)

Pollutant	ISIC 37
4. Emissions to water (=4.a+4.b)	
4.a After treatment	
To water resources	
To the sea	
4.b Without treatment	
To water resources	
To the sea	

			Households	Rest of world	Total

Physical units (tonnes)

Table 24

SEEA Net emissions by residents and net accumulation on national territory, by selected emissions

Physical units (tonnes)

Pollutant:		From physical flow accounts (national economy):								
		Emissions by consumers	Emissions by producers	Emissions by other sources	**Gross emissions by residents**	Absorption by producers	**Net emissions by residents**	Emissions transfers from rest of world	Emissions transfers to rest of world	**Net accumulation on national territory**
N_2O										
SO_2										
NH_3										
P										
N										
Other										

Table 25

SEEA Stocks and flows of carbon

Physical units

		Location of carbon stock				
		Fossil carbon	Forests	Other biota	Other	Total
Opening stocks						
Additions to stock						
Deductions from stock						
Other changes in stock						
Closing stocks						

* Further categorisation of 'additions' and 'deductions' as appropriate and possible. For example, Forest - harvest, Forest - fire etc.
* Further categorisation of 'Location of carbon stock' as appropriate and possible. For example, Forests - cultivated, Forests - natural etc.

Table 28

SEEA Stocks and flows of emission permits - monetary

Monetary units

	Opening stock	Permits grand-fathered	Permits purchased	Permits: other credits *	Permits sold	Permits surrendered	Other changes **	Closing stock
	1.	2.	3.	4.	5.	6.	7.	= 1+2+3+4-5-6+7
Industry								
Agriculture								
Mining								
Manufacturing								
Electricity supply								
Gas supply								
Water supply								
Construction								
etc.								
Total								
Households								

* Dependent on the specific carbon emission trading scheme. Could also include permits purchased from abroad.

** Possible inclusions are dependent on the specific scheme. Could include, for example, a permit holder decision to voluntarily erase permit(s) from the national registry.