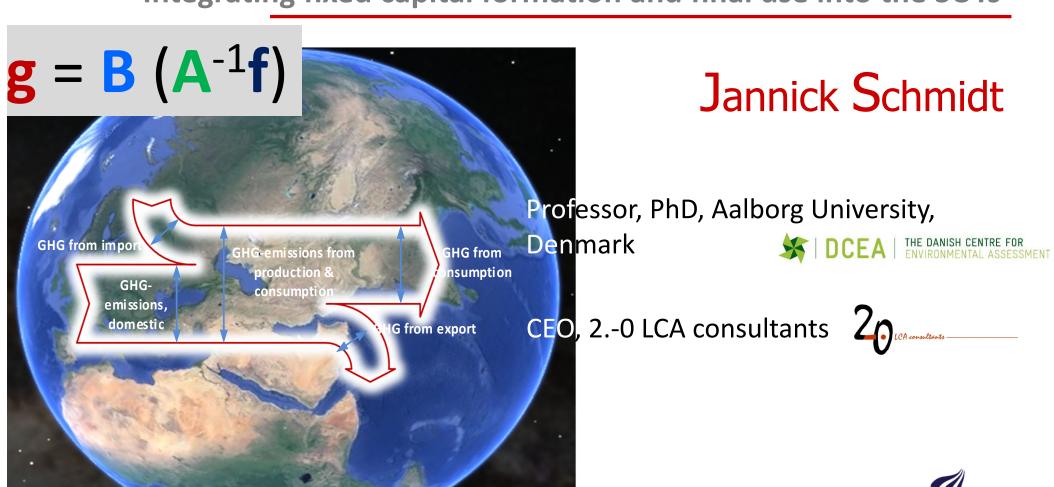
Input-output modelling

Integrating fixed capital formation and final use into the SUTs



Agenda



- Integrating fixed capital formation into the core supply-use tables
- Integrating final consumption into the core supply-use tables





Capital formation

Gross fixed capital formation

 acquisitions minus disposals of fixed assets, tangible assets (buildings, machinery, transport equipment, etc.) and intangible assets (subsoil assets, software assets, entertainment, literary and artistic originals), as well as improvements to nonproduced assets (land).

Changes in inventories

inventories of materials and supplies, finished goods, goods for resale, and work-in-progress.

Acquisitions less disposals of valuables

precious metals and stones (gold, diamonds etc.), jewels made from them, as well as paintings and sculptures recognised as works of art, which are <u>acquired as stores of value</u> and <u>not to be used for production or consumption purposes</u>.

Eurostat (2008, p 154), Eurostat Manual of Supply, Use and Input-Output Tables. Eurostat.

http://ec.europa.eu/eurostat/ramon/statmanuals/files/KS-RA-07-013-EN.pdf

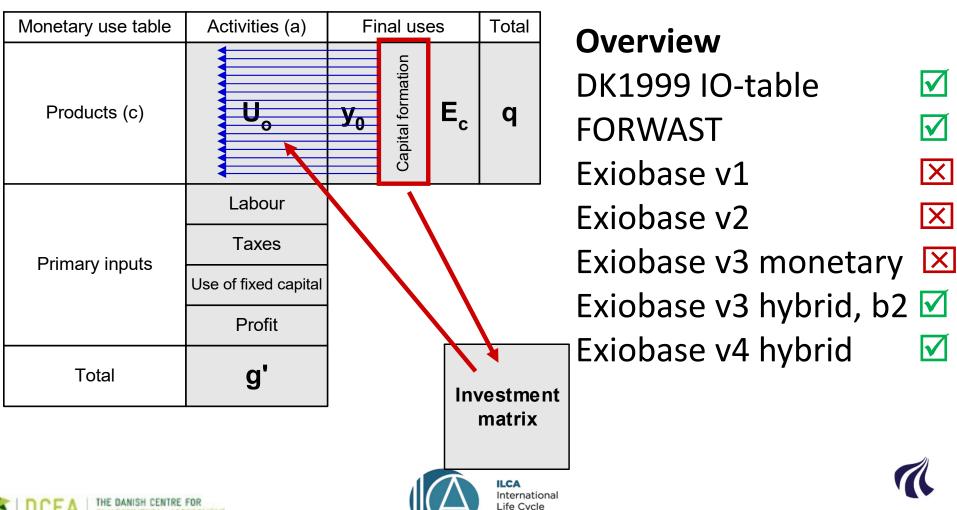




Capital formation

and integration in use table

- Integration of gross fixes capital formation in use table.
- Why do so???
- Because investments = capital goods... which should be included in LCI



Academy

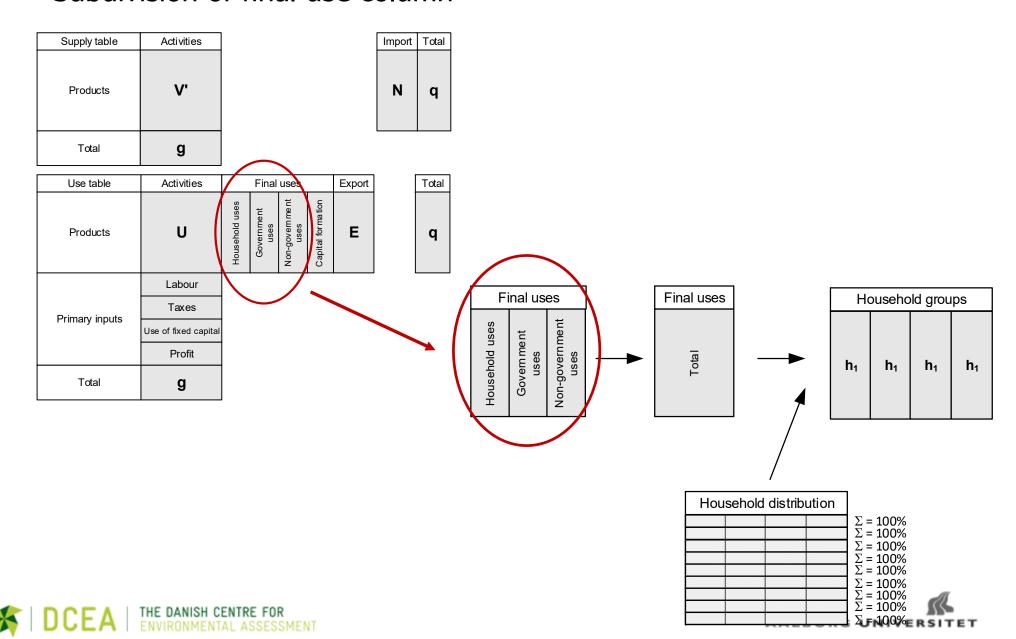
Agenda



- Integrating fixed capital formation into the core supply-use tables
- Integrating final consumption into the core supply-use tables



Subdivision of final use column



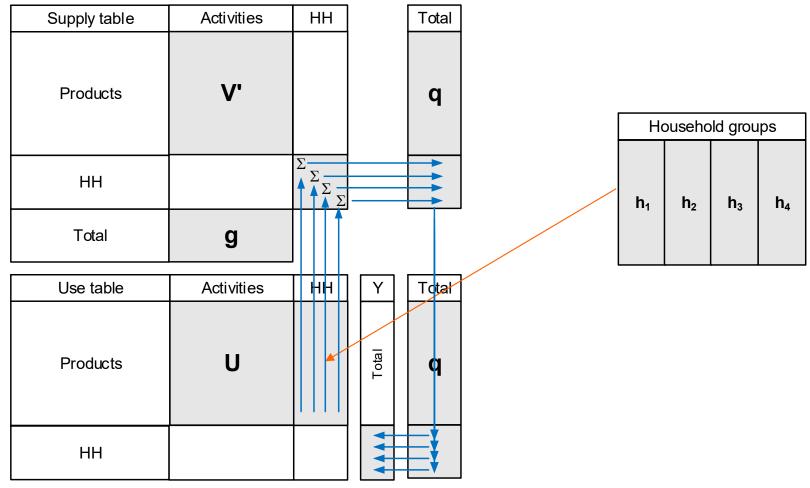
Subdivision of final use column

		House hold	activity			•						
			Commu-		1				1	1		
roduct		Clothing	nication	Education	Health care	Housing	Hygiene	Leisure	Meals	Security	Social care	
1	Bovine meat and milk	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
2	Pigs	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
3	Poultry and animals n.e.c.	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
4	Grain crops	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
5	Crops n.e.c.	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
6	Agricultural services n.e.c.	0%	0%	0%	0%			100%				Energ
7	Forest products	0%	0%	0%			25%	0%			0%	Lilcig
8	Recycling of waste wood	0%	0%	0%							0%	/
9	Fish	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	_ /
10	Coal, lignite, peat	0%	0%	0%	0%	72%	25%	0%	3%	0%	0%	П ⊮
11	Crude petroleum and natural	0%	0%	0%	0%	72%	25%	0%	3%	0%	0%	
12	gas Iron ores from mine	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	_
13	Bauxite from mine	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	
	Copper from mine	0%	0%	0%								
	Metals from mine n.e.c.	0%	0%						0%			
16	Sand, gravel and stone from	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	Food
	quarry											
17	Clay and soil from quarry	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	
18	Minerals from mine n.e.c.	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	L /
19	Meat and fish products	0%	0%	0%	0%	0%	0%	0%	100%	0%		∏ ▶
20	Dairy products	0%							100%	0%		
	Fruits and vegetables, processed	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
22	Vegetable and animal oils and fats	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
23	Flour	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
	Sugar	0%		0%				0%	100%	0%	1	
25	Animal feeds	0%	U%	U%	0%	U%	U%	100%	0%	U%	U%	7
26	Food preparations n.e.c.	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	
	Beverages	0%		0%				0%	100%	0%	0%	
	Tobacco products	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	
29	Textiles	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	

Subdivision of final use column

	House hold	activity									
		Commu-									
roduct	Clothing	nication	Education	Health care	Housing	Hygiene	Leisure	Meals	Security	Social care	
59 Metals basic, n.e.c., virgin	0%			0%	100%		0%	1			
60 Recycling of metals basic,	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
n.e.c.											
61 Iron, after first processing	0%					0%					
62 Aluminium, after first	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	6
processing											Dom.
63 Copper, after first processing						0%				0%	appliance
64 Metals n.e.c., after first	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	annliance
processing											appliance
65 Fabricated metal products,	0%	0%	0%	0%	36%	3%	48%	12%	0%	0%	/
except machinery											_ /
66 Machinery and equipment	20%	0%	0%	0%	8%	5%	5%	61%	0%	0%	1
n.e.c.											
67 Office machinery and	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	_
computers											
68 Electrical machinery n.e.c.	0%										
69 Radio, television and	0%	19%	0%	0%	0%	0%	81%	0%	0%	0%	Cars
communication equipment											,
70 Instruments, medical,	0%	0%	0%	59%	0%	0%	41%	0%	0%	0%	
precision, optical, clocks											_ /
71 Motor vehicles and trailers	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	▶
72 Transport equipment n.e.c.	0%	1									-
73 Furniture; other manufactured	1 0%	0%	0%	0%	62%	0%	38%	0%	0%	0%	
goods n.e.c.											
74 Recycling services	0%	0%	0%	0%	100%	0%	0%	0%	0%		
75 Electricity, steam and hot	12%	0%	0%	0%	32%	8%	14%	34%	0%	0%	
water											
76 Gas	0%			0%	72%	25%	0%	3%			
77 Water, fresh	16%				0%	69%	0%				
78 Buildings, residential	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	
79 Buildings, non-residential	0%				100%	0%	0%	0%	0%		
80 Infrastructure, excluding	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	
huildinge	I		[1	1	 	





Total	Profit Q				
Trimary inputs	Use of fixed capital				
Primary inputs	Taxes				
	Labour				

