

Statistics Netherlands and large enterprise groups



Kees Vennix, Statistics Netherlands, k.vennix@cbs.nl

UN meeting on Global Production, Genève, 4 April 2013



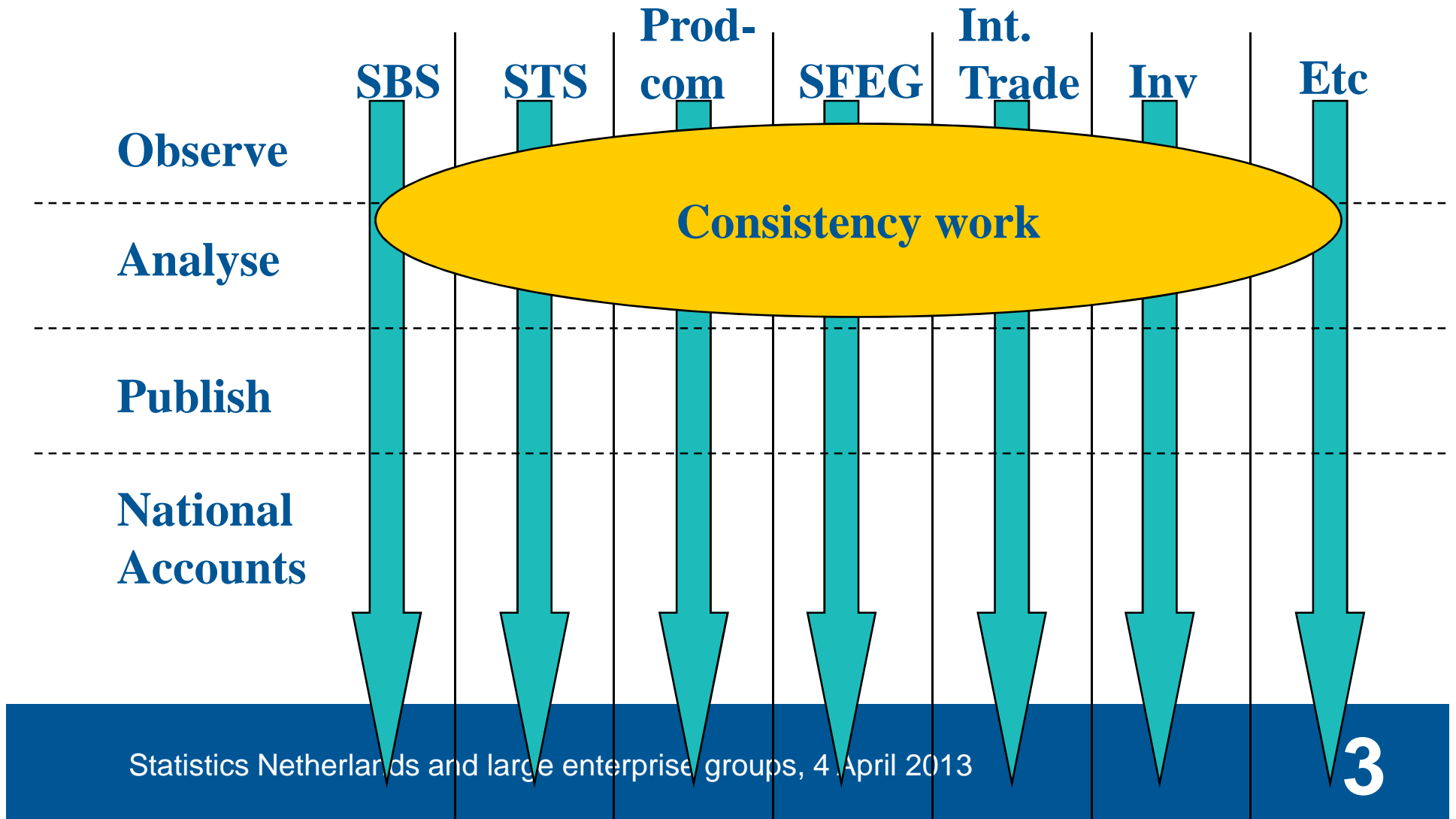
Content

1. What?
2. The scope
3. The approach
4. Results
5. Conclusions and challenges

What?

- Deal with large, complex units in a separate process, which delivers consistent data on these units for a number of variables, suitable for direct use in other statistics, including national accounts.
- Dedicated unit since 2010

Traditional statistical chains



The scope

- 320 non-financial enterprise groups
- 2,400 enterprises, 11,200 legal units
- Enterprise groups selected by size and complexity
- Consistent data for 15 variables from 10 different statistics
- Consistency rules formulated in collaboration with National Accounts

The approach

- Consistency tool to detect inconsistencies
- Tool is fed daily with data from production systems for source statistics
- Rules are checked at EG- and ENT-level
- Consistency matrix at EG-level
- Inconsistencies are solved or explained
- Conclusions are documented

The approach

- Team work
- Accountmanagers are responsible for relationship management and consistent data
- Profilers maintain the structure of the enterprise groups in the business register
- Analysts edit survey data and assist in assessing the consistency
- Not all survey data involved in consistency checks are edited in the unit itself

The approach

- Good relationship management is important
- Appropriate level of knowledge is required
- Enterprise groups appreciate it!
- Good cooperation within Statistics Netherlands
- Concentration of work and knowledge on large enterprise groups
- Software helps

Results

- Inconsistencies:
 - flow of invoices versus flow of goods
 - use of transfer prices
 - wrong interpretation by respondents
 - dynamics of enterprise groups
- Partially caused by Statistics Netherlands itself:
 - incomplete observation
 - different statistical units
 - different moments of observation
 - different definitions of variables

Results

- Different concepts for different statistics yield inconsistent micro data
- Domestic production for principal abroad:
 - Turnover SBS / SFEG
 - Int. Trade in Goods
 - Int. Trade in Services
 - Prodcom
- Supply NA with information to make consistent national accounts

Conclusions and challenges

- It works: inconsistencies are solved and explained
- More flexibility in data collection
- Consistency on quarterly basis
- Dynamics of enterprise groups
- Changing guidelines
- Global production and global accounting

Thank you for your attention

k.vennix@cbs.nl

Scope

Statistics:

- Statistics on the finances of enterprise groups
- Short term statistics (STS)
- Production statistics (SBS)
- Prodcom
- Investment statistics
- International trade in goods and services
- Employment and wages
- R&D
- Administrative sources (VAT, corporate tax)

Scope

Variables:

- Depreciation
- Earnings
- Employee benefits costs
- Wages
- Export
- Import
- Intermediate consumption
- Investments
- Net sales and other operating revenue
- Number of employees
- Production
- R&D-expenses

<i>bedragen * 1000</i>		Productie	Netto omzet	Verbruik	Export	Import	Lonen	Arbeidskosten	Werknemers (gemiddeld)	Werknemers (gemiddeld)	Afschrijvingen	Financieel- Resultaat	Exploitatie- overschot	Resultaat voor belastingen	Investerings	
Ondernemingsgroep																
IHG	incompleet					21.990	135.165									
SFGO	handmatig gaafgemaakt	2.424.141		2.018.993		0	0	246.177		5.880	54.001	-1.759	104.970	103.211	52.427	
KSFGO	handmatig gaafgemaakt	2.421.367		2.016.194				246.177			54.001	-1.759	104.995	103.211	44.605	

Gecumuleerd Bedrijfseenheden

Impect PS	diverse statussen	2.467.644	2.423.339	2.077.510			189.492	231.261	9.748	5.879	54.000	-188	104.973	103.213	
Impect KS	diverse statussen		2.530.444												
Investerings	diverse statussen														56.666
Baseline BTW	diverse statussen		0												
SWL	diverse statussen						173.210		9.899						

Bedrijfseenheden detail

Impect PS	handmatig gaafgemaakt	1.653.503	1.610.012	1.380.154			117.833	144.162	3.914	3.187	30.587	0	98.647	97.075	
Impect KS	diverse statussen		1.609.217												
Investerings	handmatig gaafgemaakt														30.839
SWL	ruw						106.832		4.106						

Impect PS	handmatig gaafgemaakt	814.141	813.327	697.356			71.659	87.099	5.834	2.692	23.413	-188	6.326	6.138	
Impect KS	diverse statussen		913.899												
Investerings	handmatig gaafgemaakt														25.827
SWL	diverse statussen						65.813		5.750						

Impect KS	diverse statussen		7.328												
-----------	----------------------	--	-------	--	--	--	--	--	--	--	--	--	--	--	--