



- 1. Objectives of mission and methodology
- 2. Input from ICBS part 1
- 3. Metadata introduction, definition and functions, principles and users
- 4. Standards

5. Towards a work plan for the development of a metadata system for ICBS





- Selected "classical" metadata elements: methodology, concepts, variables and classifications
- Conceptual level: selected areas in GSIM
- Implementation level: DDI, SDMX and other standards





It consists of

- Information model for data and metadata
- Content oriented guidelines
- IT-architeture for data and metadata exchange
- Supporting tools

Advantages - as exchange standard

 $\cdot \operatorname{Common}$ language and understanding

 \cdot It is global - BIS, ECB, Eurostat, IMF, OECD, UN joined forces





COL	JNTR Num Y	ber of tourist in Italy, a			ents	FREC	Y	
	Indicator Time	A100 Hotels and similar		8010 Campsites		B020 ay dwellings	TOURISM	
TIME	2002A00	33411	2	2374		61479		
	2003A00	33480	2530		58526		OBS_VAL UE	
	2004A00	33518		2529 E -				
	2005A00	33527	2	2411 P		US		
	DIMENSION	S 📒 ATT	ribu	TES		MEASUR	ES	
os In Dimension or dey attribute name		Identifie	Identifier		ation	Attachemen level	t Code list	
	attribute name							
ley	attribute name	FREQ	_	A1	_		CL_FREQ	
Cey 1 Fre		FREQ COUNTRY	_	A1 A2	_		CL_FREQ CL_AREA	
(ey 1 Fro 2 Co	equency			A2	<			
Key 1 Fro 2 Co	equency untry urism topic	COUNTRY	OPIC	A2			CL_AREA	



Who? Who? When? eurostat Π How? Where? What? Compiling agency: Entroine, the statical office of the European Unit What? Number of touristic establishmen FREQ: A – Annual GEO: IT – Italy TOUR_INDICATOR: A001 – Establishments UNIT: NBR - Number For any qu data and metadata, please contact: EUROPEAN STATISTICAL DATA SUPPORT L. Contact Eurosta, de statisted offee of de El 1.1. Contact organisation unit Unit 03 - Short-term statistics; tourism 1.5. Contact unit all address 2420 Luxenbourg LUXEMBOURD A100 Hotels and similar B020 Holiday dwellings B010 Tourist Activity 2. Metadata update 2.1. Metadata last certified 25/09/12 2.2. Metadata last posted 06 March 2013 2.3. Metadata last update 06 March 2013 Time Campsites 2002A00 33518 2529 56586 3. Statistical presentation 3.1. Data description National data 2003A00 33527 2411 68385 Annual data on nu 2004A00 33768 2510 68376 Regional data Annual data on m NUTS 3 level. 2005A00 34058 2587 61810 Please note that for paragm metadata provided for the s

Data exchange - including structural and reference metadata

3



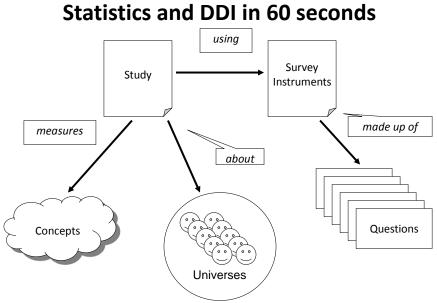
What is it?

Documentation standard, expressed in open XML standard Many years of experience including use in NSI's

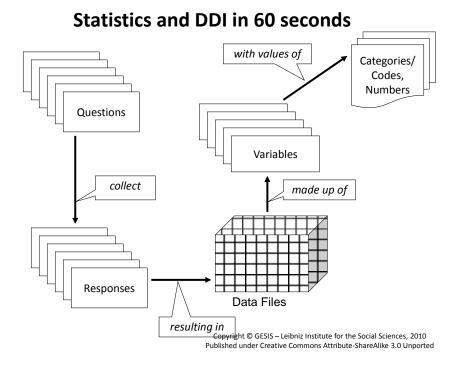
Advantages

Common language and understanding Integration of concepts, variables, classifications quality Both for schema and register based statistics Model currently used in Australia, New Zealand, Canada etc.(together with SDMX) Tools avaiable





Copyright © GESIS – Leibniz Institute for the Social Sciences, 2010 Published under Creative Commons Attribute-ShareAlike 3.0 Unported





Metadatatypes:

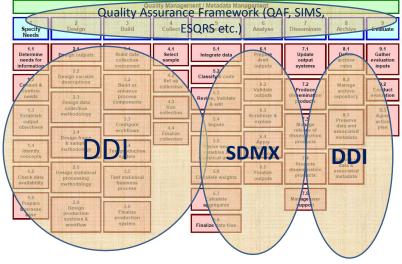
- · Concepts ("terms")
- Studies ("surveys", "collections", "data sets", "samples", "censuses", "trials", "experiments", etc.)
- · Variables ("data elements", "columns")
- ·Codes & categories ("classifications", "codelists")
- Universes ("populations", "samples")
- · Data files ("data sets", "databases")

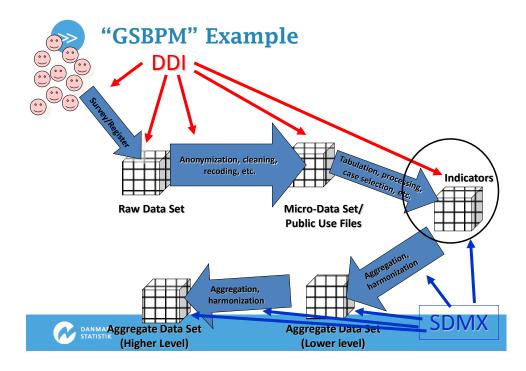
For surveys:

- · Survey instruments ("questionnaire", "form")
- · Questions ("observations")
- · Responses



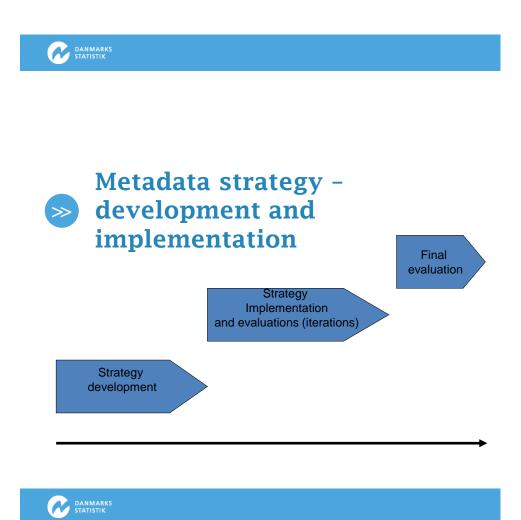








5. Towards a work plan for the development of a metadata system for ICBS





- 1. Introduction, including situation today
- 2. Objectives and results
- 3. Tasks and time-table
- 4. Organisation

Annex 1. Guidelines for production and use of metadata

Annex 2. IT-solution

- 1. High level architecture
- 2. Standards
- 3. Applications and databases



