The EUROMOD platform II

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UNU-WIDER Training course

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Content

Overview of EUROMOD structure

EUROMOD User Interface









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EUROMOD User Interface

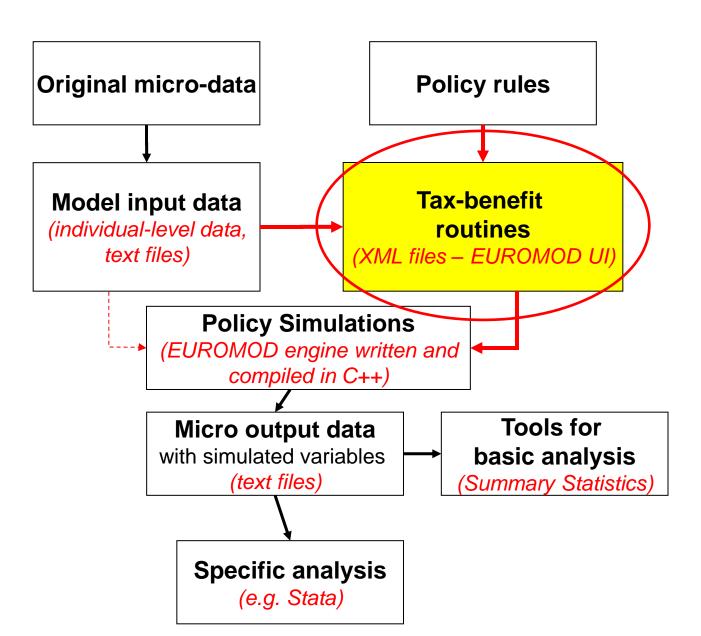








EUROMOD: how does it work?



EUROMOD input dataset

- Variables: demographic, labour, income, assets, expenditure
- Harmonised data reference period
- Compulsory variables (id, demographic and labour status variables)
- No missing values
- Gross income
- At the individual level
- Income and expenditure data expressed in monthly terms
- In national currency
- In tabulated text format
- Documentation do-files and Data Requirement Document (DRD)









Variable name convention

Names are combination of acronyms: abb**

- a=class 1 type of information (e.g., y: income, x: expenditure)
- bb=class 2 specific for each type a (e.g. y| em: employment, se: self-employment)
 - e.g. yem: employment income; yse: self-employment income
- further bb's for additional information/detail
 e.g. ysebs: business self-employment income
- Common Variables file (VarConfig.xml)









EUROMOD country parameter files

- Contain all information about tax-benefit rules
- Stored in XML files read by the EUROMOD engine
- Two files per country
 - Data config file
 - Parameters file
- Manipulated via user interface (UI)
- Implemented via EUROMOD functions grouped in policies
 - Defining elements to be used later on (tax units, income lists, constants etc.)
 - Simulation of tax-benefit policies
 - Controlling the output dataset file









Questions?









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Installation

- Requires Microsoft .NET framework files or an Internet connection to download files in the SETUP process
- Complete separation between the User Interface (UI) and EUROMOD 'content' (i.e. country files, input, output, applications) files
- Only one copy of the UI but can use multiple 'content' files
- Run the Installation Wizard
- Set the path to your EUROMOD 'content' files
 - Project path
 - (if necessary) separate input data and output data paths

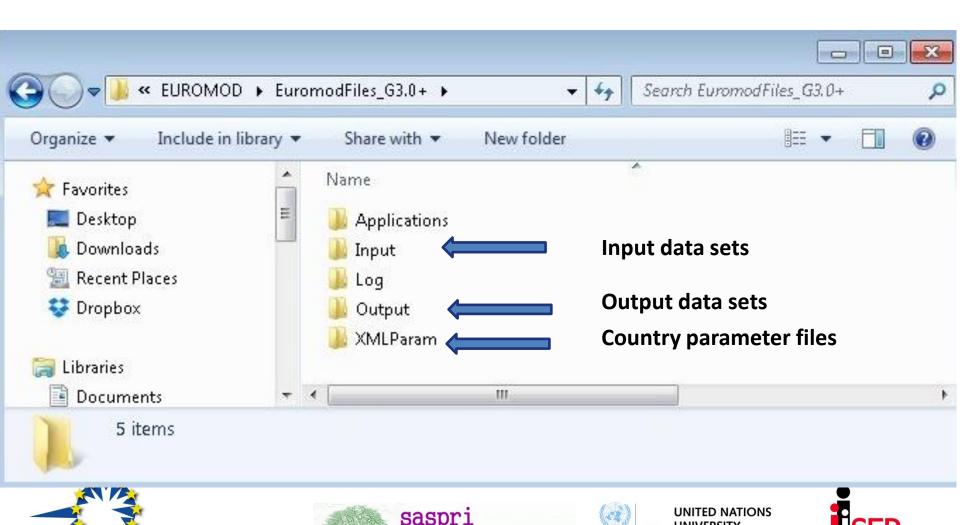








EUROMOD content folder structure



Linking the User Interface to EUROMOD content files



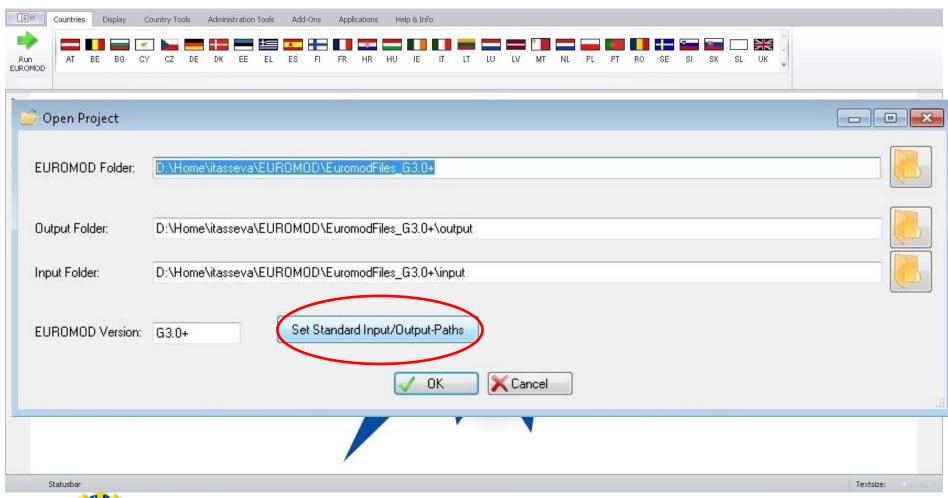








Linking the UI to EUROMOD content files











User Interface (UI)

- Single stand-alone piece of software-Windows Operating System
- Single working environment
- Mostly point and click but some hot keys are available (standard and specific)
- In-built features that allow for improved user control and guidance
- Intuitive!
- Features:
 - Ribbon bar with tabs
 - Context menus
 - IntelliSense (suggestion of parameter values)
 - Built-in help
 - Variables file VarConfig.xml

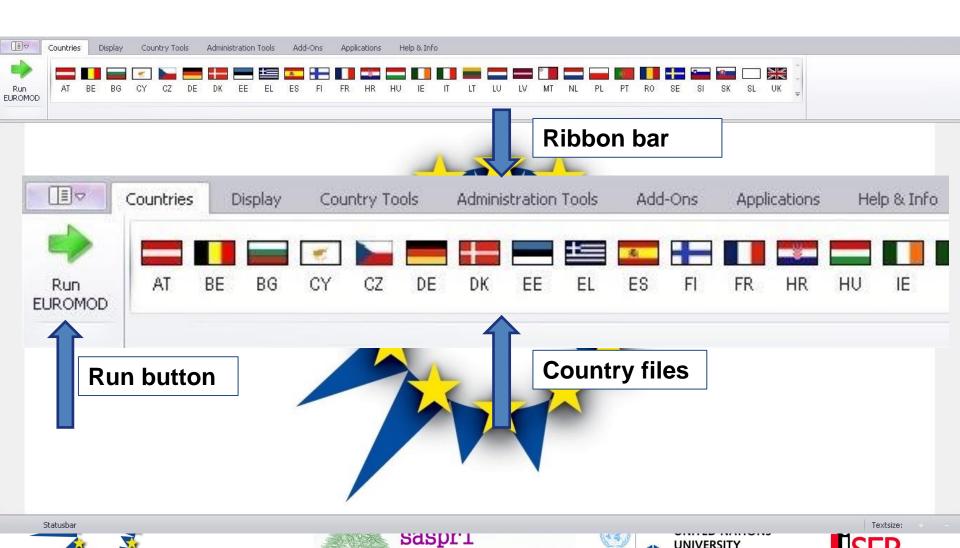






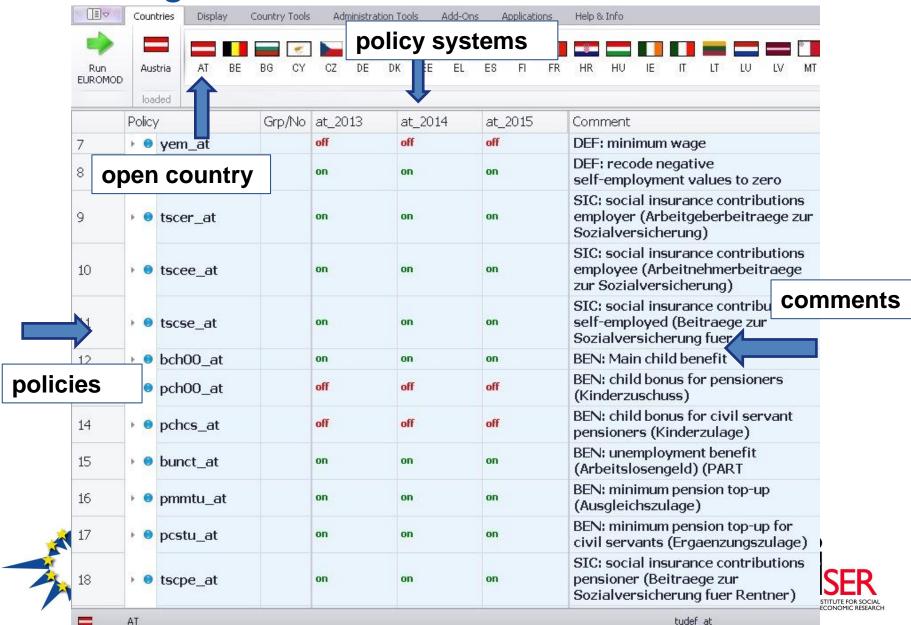


User Interface (UI)

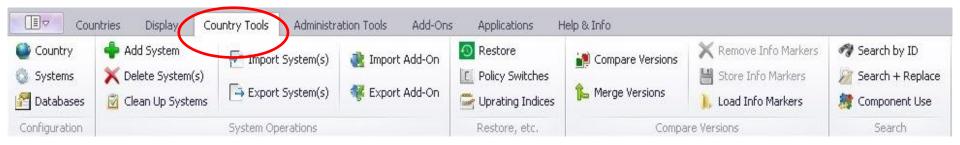


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Working environment



Ribbon bar – country tools



- Country must be open to activate buttons
- Contains options that manipulate the general parameters of a country file
 - Name and acronym
 - Available policy systems and their characteristics
 - Available datasets and their characteristics
- Adding and deleting systems
- Search and replace
- More advanced (import/export systems, add-ons etc.)

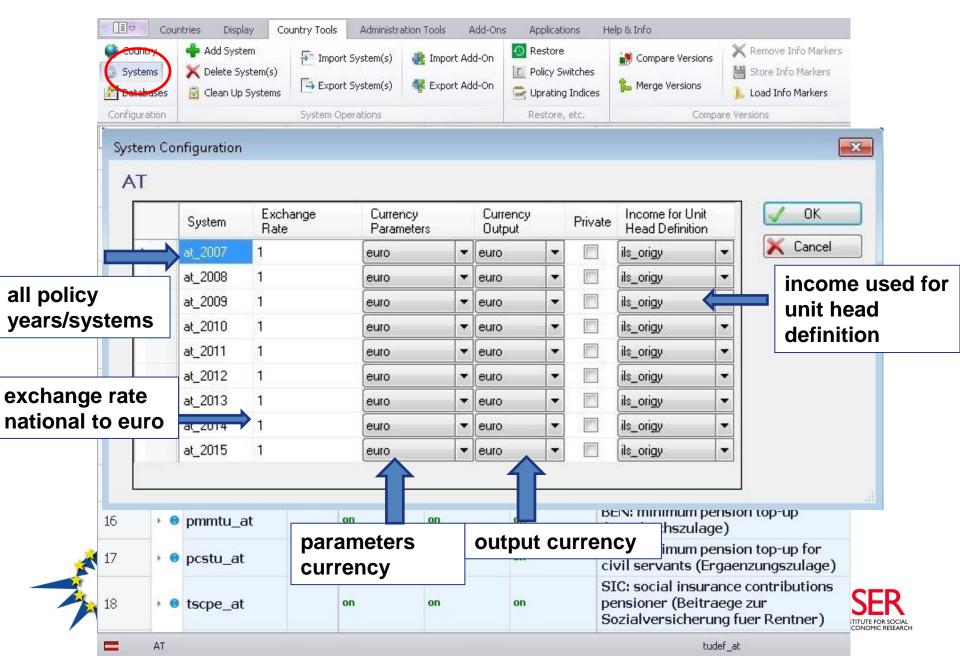




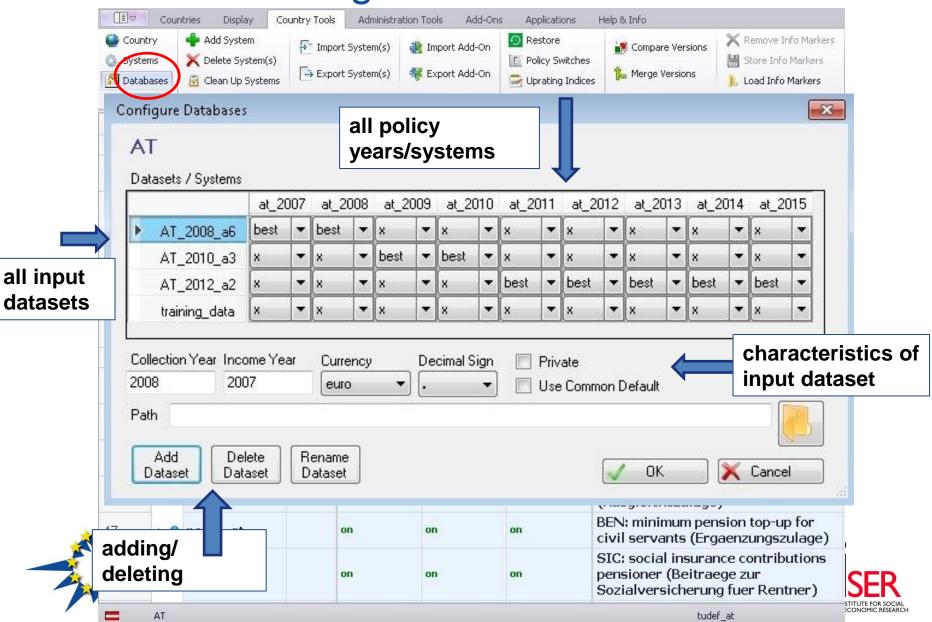




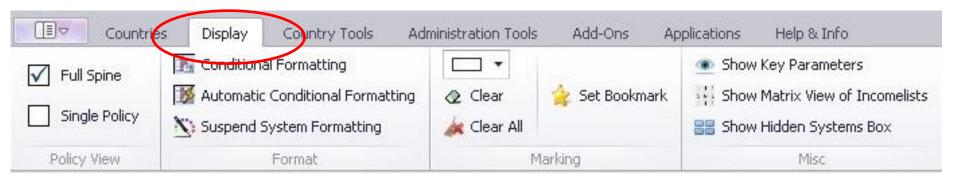
Policy system settings



Database settings



Ribbon bar - control display and formatting



- View full policy spine vs. single policy
- Conditional formatting (similar idea to EXCEL)
- Bookmarks

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Ribbon bar – administration tools



- Adding and deleting countries
- Accessing and administering the variables file
- Updating progress: overview of available policy systems and datasets
- More advanced & not covered in this course:
 - available add-ons
 - applications

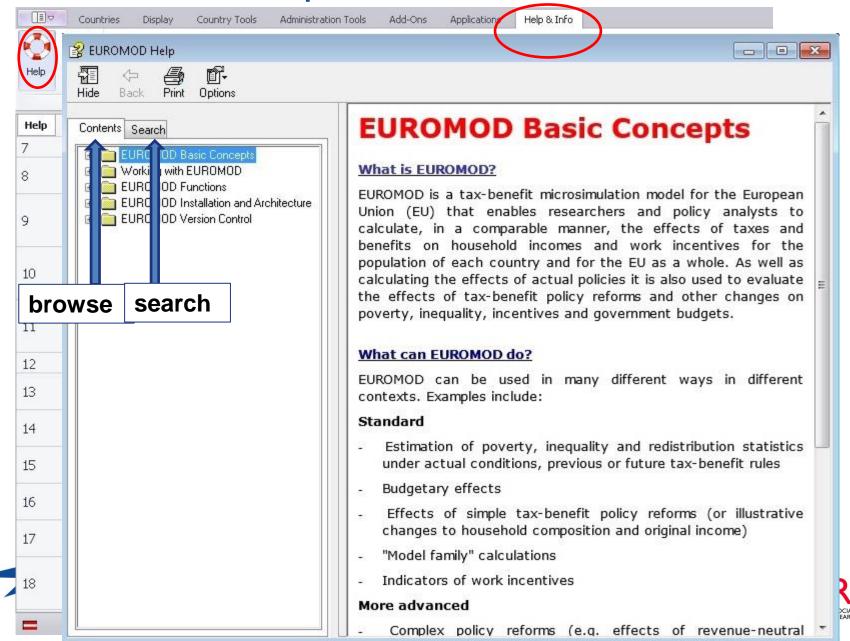








EUROMOD Help



Context menus

Run UROMOD	Austria	AT BE	Add Policy Before Add Policy After Delete Policy/ies Del	FR HR HU IE IT LT LU LV
	loaded		Rename Policy	
	Policy		- Tenante Folicy	Comment
			Copy Policy	BEN: Main child benefit
2.1	· Jx	DerConst	Paste Policy Before	TAV. b
2.2	+ fx	Elig		TAX: tax allowance for cost of earnings (Werbungskostenabzug)
2.3	+ fx	ArithOp	Paste Policy After	
2.4	› fx		Paste Reference Before Paste Reference After	TAX: tax allowance for employees: exceptional deductions (Sonderausgabenpauschale)
2.5	· fx	ArithOp	Copy Value(s)	
2.6	· fx	Elig	Paste Value(s)	Children below 19 and youth in education or disabled with income below 10000
2.7	· fx	ArithOp	Move Policy/ies Up Ctrl+Up	
2.8) fix	DefVar		
2.9	+ fx	BenCalc	Move Policy/ies Down Ctrl+Down	Children living inside the household
2.10	+ fx	BenCalc	Copy Identifier	Children outside HH for 2011 data
2.11	· fx	BenCalc	Copy Symbolic Identifier	Children outside HH for 2008 and 2010 data
2.12	· fx	Elig	Set/Unset Private	Youth 20+ in education or disabled with income above 10000
2.13	+ fx	ArithOp	F. LAU F. L. L.	
2.14	+ fx	BenCalc	Expand All Functions	
2.15	· fx	Elig	Collapse All Functions	
2.16	+ fx	ArithOp	Paste Function(s)	Children with basic amount & living with parent

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Context menus

- Activated by right-clicking
- Intuitive options controlling the respective elements

Description available

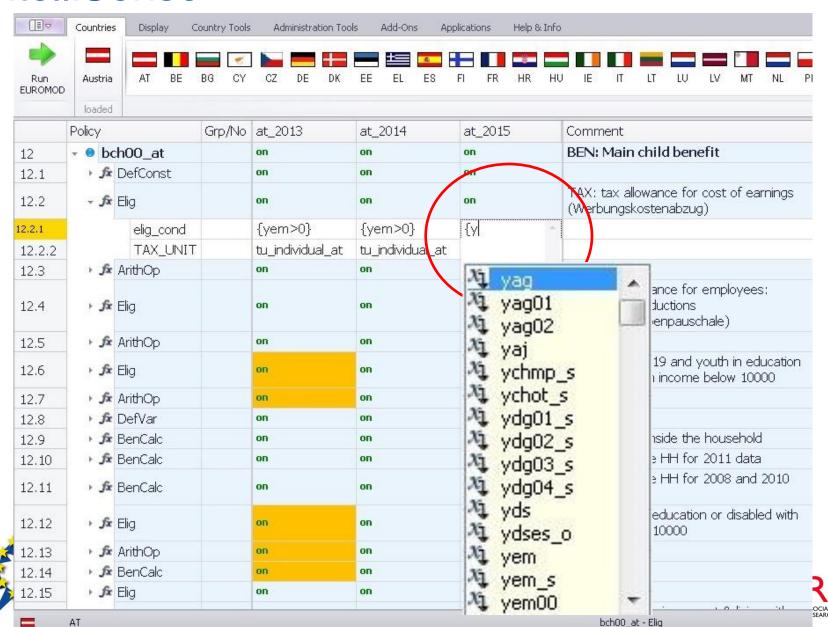




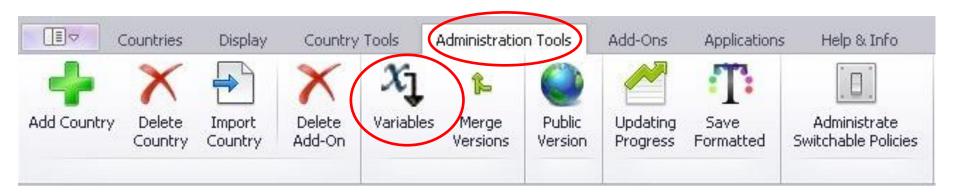




IntelliSense



Variable Administration



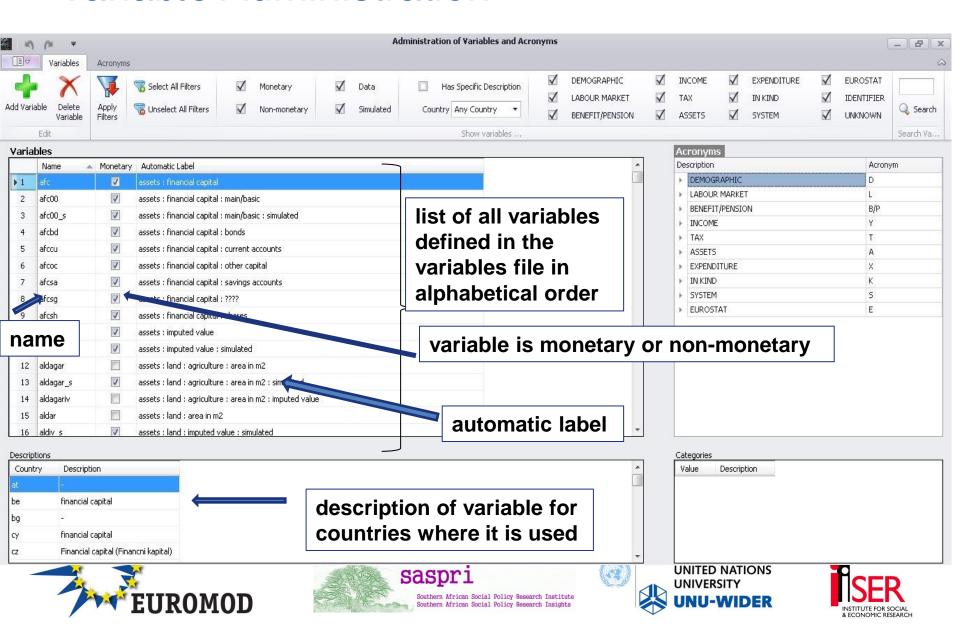




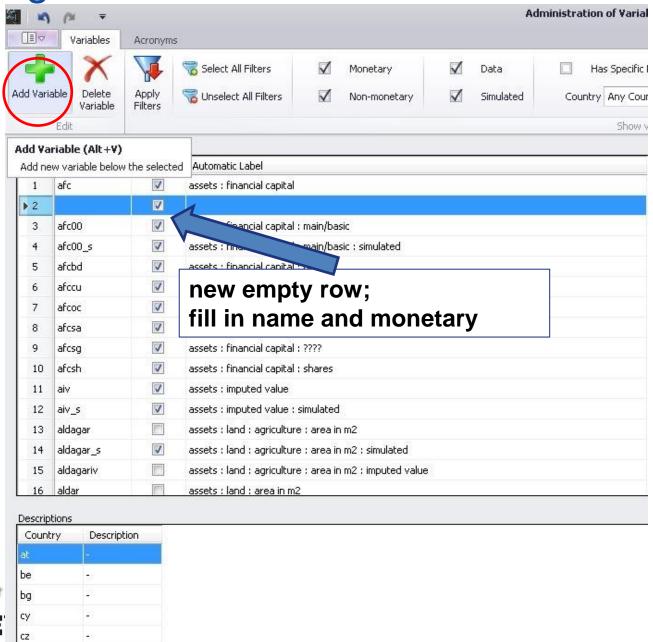




Variable Administration



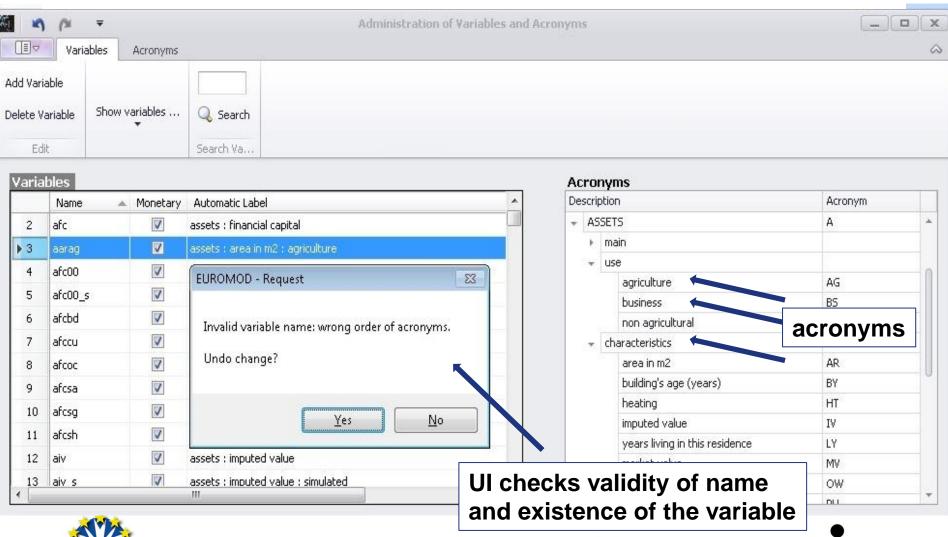
Adding a variable







Naming a variable



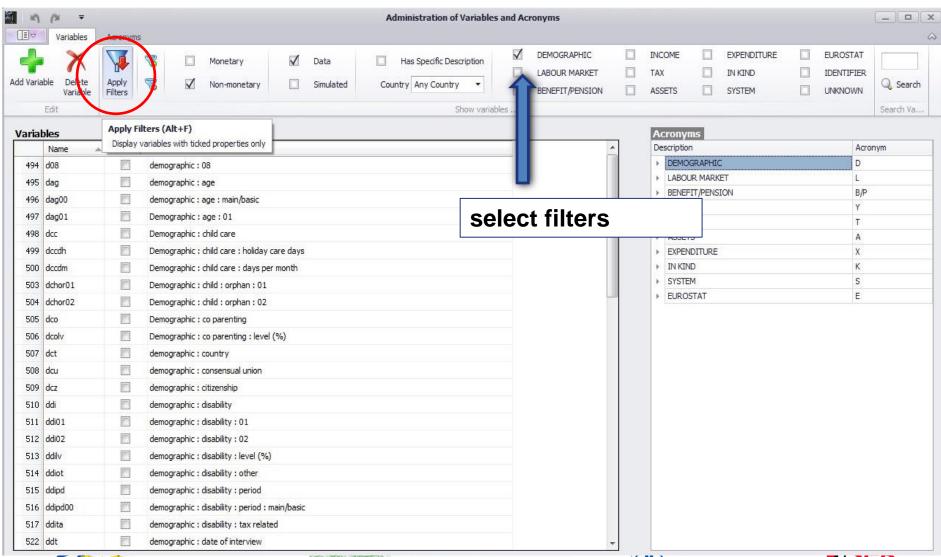








Filtering variables











Questions?







