




UPDATE ON IT TOOLS

5th Meeting of the ICP Inter-Agency Coordination Group

**March 14-15, 2018
Washington, DC**

Current Status as of March 2018

- 
- GIA adopting Validation tools as next step, slated for September 2018 availability
 - Submission Form
 - Metadata

Overview of Available Tools

Data & Metadata Management

- Item lists update
- Data & metadata exchange
- Processing of input data

WBG Data Collection System (DCS)

Eurostat PPP Tools:

- Item List Management
- Data Entry

Validation and Computation

- Validation of input data
- Calculation of PPPs
- Derivation of indicators
- Production of results
- Calculation of PPP time series

ICP Validation and Computation Tools

Eurostat PPP Tools:

- Aggregation Tool

Dissemination

- Global and regional reports
- Standard tables and charts

WBG Databank and online tools

Eurostat PPP Tools:

- Visualization Tool
- Reporting Tool

Summary short-term changes of ICP Tools

		WBG-GIU (Before)	WBG-GIU (ICP 2017)
Step 1: Item Lists Update	Tool(s)	MS Excel	Item List Management Tool (ILMT)
	Platform	PC	Web
	Requirement(s)	MS Excel	JAVA-enabled browser
Step 2: Data & Metadata Exchange	Tool(s)	ICP Kit (Country Module)	Data Collection System (DCS)
	Platform	PC	PC
	Requirement(s)	MS Excel	JAVA-enabled browser
Step 3.1: Intra-country Validation	Tool(s)	ICP Kit (Country Module)	Validation Tool (*)
	Platform	PC	PC
	Requirement(s)	MS Excel	JAVA-enabled browser
Step 3.2: Inter-country Validation	Tool(s)	ICP Kit (Regional Module) & Dikhanov Tool	Validation Tool (*)
	Platform	PC	Web
	Requirement(s)	MS Excel w/ VBA Macros	JAVA-enabled browser
Step 4: Calculation & Aggregation	Tool(s)	Dikhanov Tool	Dikhanov Tool
	Platform	PC	PC
	Requirement(s)	MS Excel w/ VBA Macros	MS Excel w/ VBA Macros
Step 5: Reporting & Dissemination	Tool(s)	MS Excel	Databank / ICP Website
	Platform	PC	Web
	Requirement(s)	MS Excel	Modern browser

NOTE: Dikhanov and Sergeev tools will continue to be used for (I) parallel validation and (II) calculation of results

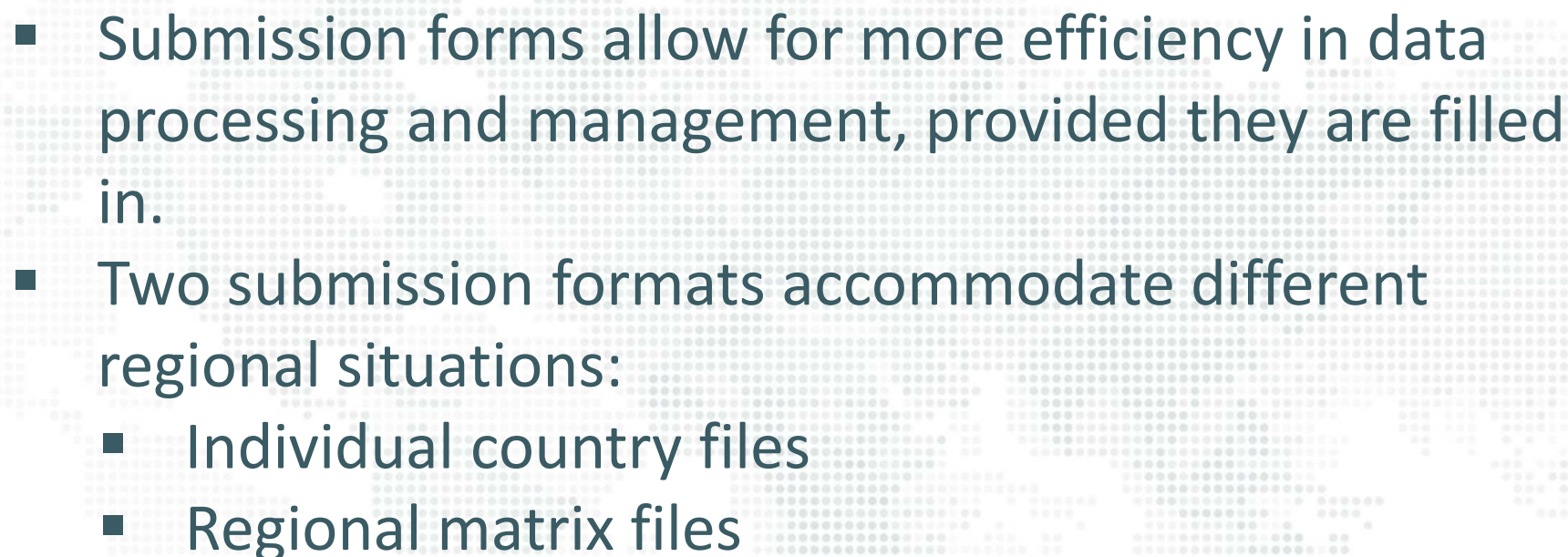
Validation Tool (VT)

- A web application which is used to validate average prices at Global and Regional level
 - Data editing
 - Intra-country validation
 - Inter-country validation - calculation of Quaranta and Dikhanov tables and temporal validation tables using CPD method and its variants (CPRD, CPD-W) in addition to the current GEKS-S
 - Adjustments in the calculations to allow selection of items, i.e. it should be possible to calculate validation tables for: i) all regions/countries jointly: global core list items only, ii) a specific region: global core list items only, iii) a specific region: global core list items and regional items together
 - Data versioning at observation level, with possibility to restore to a previous state
 - Multiple validation rounds

Validation Tool (VT) - continued

- NOTE: In order to protect the confidentiality of the data two separate environments will be set up (as Eurostat does):
 - a) Production environment to which only the World Bank will have access and thus the administration of this environment will be undertaken by the World Bank. Agilis staff will have no access to the production environment and the data contained therein.
 - b) Development, testing and acceptance environment which will contain test data and will be administered by Agilis and accessed by World Bank's staff for testing and acceptance purposes.

Submission forms

- Submission forms allow for more efficiency in data processing and management, provided they are filled in.
 - Two submission formats accommodate different regional situations:
 - Individual country files
 - Regional matrix files
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Feedback on IT Tools, Metadata



