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

<table>
<thead>
<tr>
<th>Step</th>
<th>Tool(s)</th>
<th>Platform</th>
<th>Requirement(s)</th>
<th>WBG-GIU (Before)</th>
<th>WBG-GIU (ICP 2017)</th>
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<tbody>
<tr>
<td><strong>Step 1: Item Lists Update</strong></td>
<td>Tool(s)</td>
<td>PC</td>
<td>MS Excel</td>
<td>Item List Management Tool (ILMT)</td>
<td>Web</td>
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<td><strong>Step 2: Data &amp; Metadata Exchange</strong></td>
<td>Tool(s)</td>
<td>PC</td>
<td>ICP Kit (Country Module)</td>
<td>Data Collection System (DCS)</td>
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<td><strong>Step 3.1: Intra-country Validation</strong></td>
<td>Tool(s)</td>
<td>PC</td>
<td>ICP Kit (Country Module)</td>
<td>Validation Tool (*)</td>
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<td><strong>Step 3.2: Inter-country Validation</strong></td>
<td>Tool(s)</td>
<td>PC</td>
<td>ICP Kit (Regional Module) &amp; Dikhanov Tool</td>
<td>Validation Tool (*)</td>
<td>Web</td>
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<td>Platform</td>
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<td>MS Excel w/ VBA Macros</td>
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<td><strong>Step 4: Calculation &amp; Aggregation</strong></td>
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<td>Dikhanov Tool</td>
<td>Dikhanov Tool</td>
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<td><strong>Step 5: Reporting &amp; Dissemination</strong></td>
<td>Tool(s)</td>
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<td>Databank / ICP Website</td>
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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 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
Feedback on IT Tools, Metadata
THANK YOU