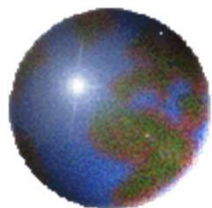




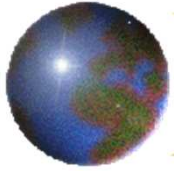
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*ICP Regional Coordinators Meeting, Tunis,
November 17-21, 2003*



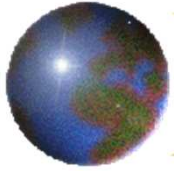
*Vilas Mandlekar
The World Bank*



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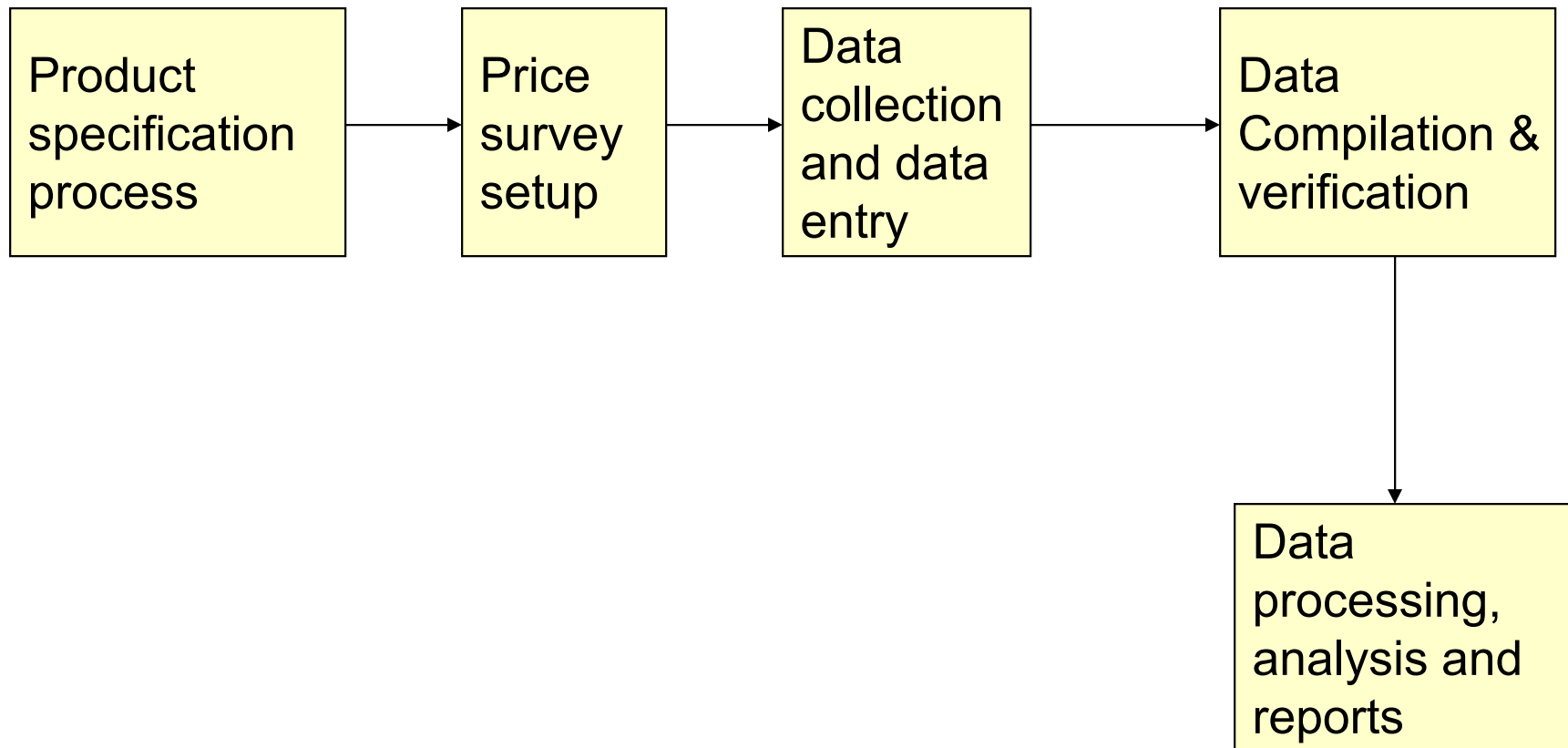
Process tasks

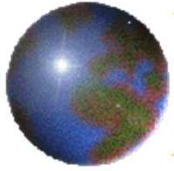
- ✦ Structured product description (SPD) and product specification
- ✦ Price data collection
- ✦ Price data compilation, analysis, and reporting, at national, regional and global levels



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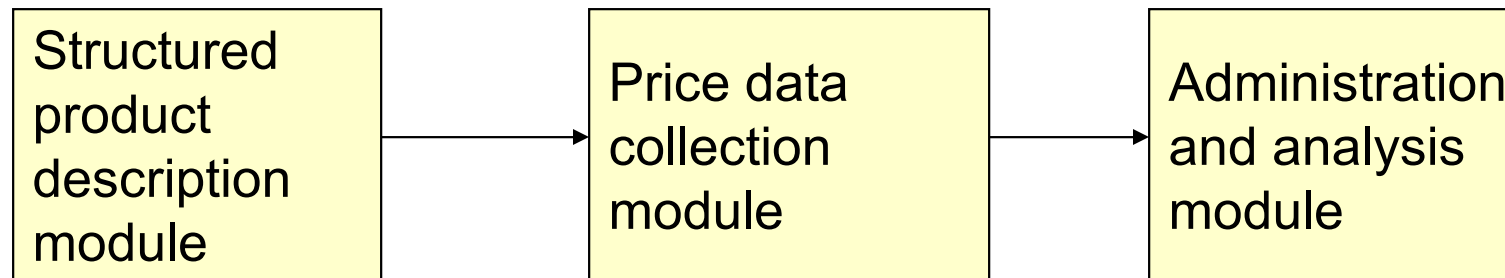
Process flow -- overall

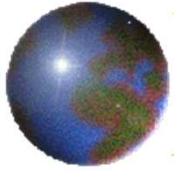




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Tool Pack software modules





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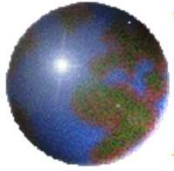
Process tasks

✦ **Product specification**

- ✦ Compile structured product descriptions (SPDs) from Excel files provided by regions
- ✦ Dialog between Global Office and Regions, and between Regions and Countries
- ✦ Prepare master list of products

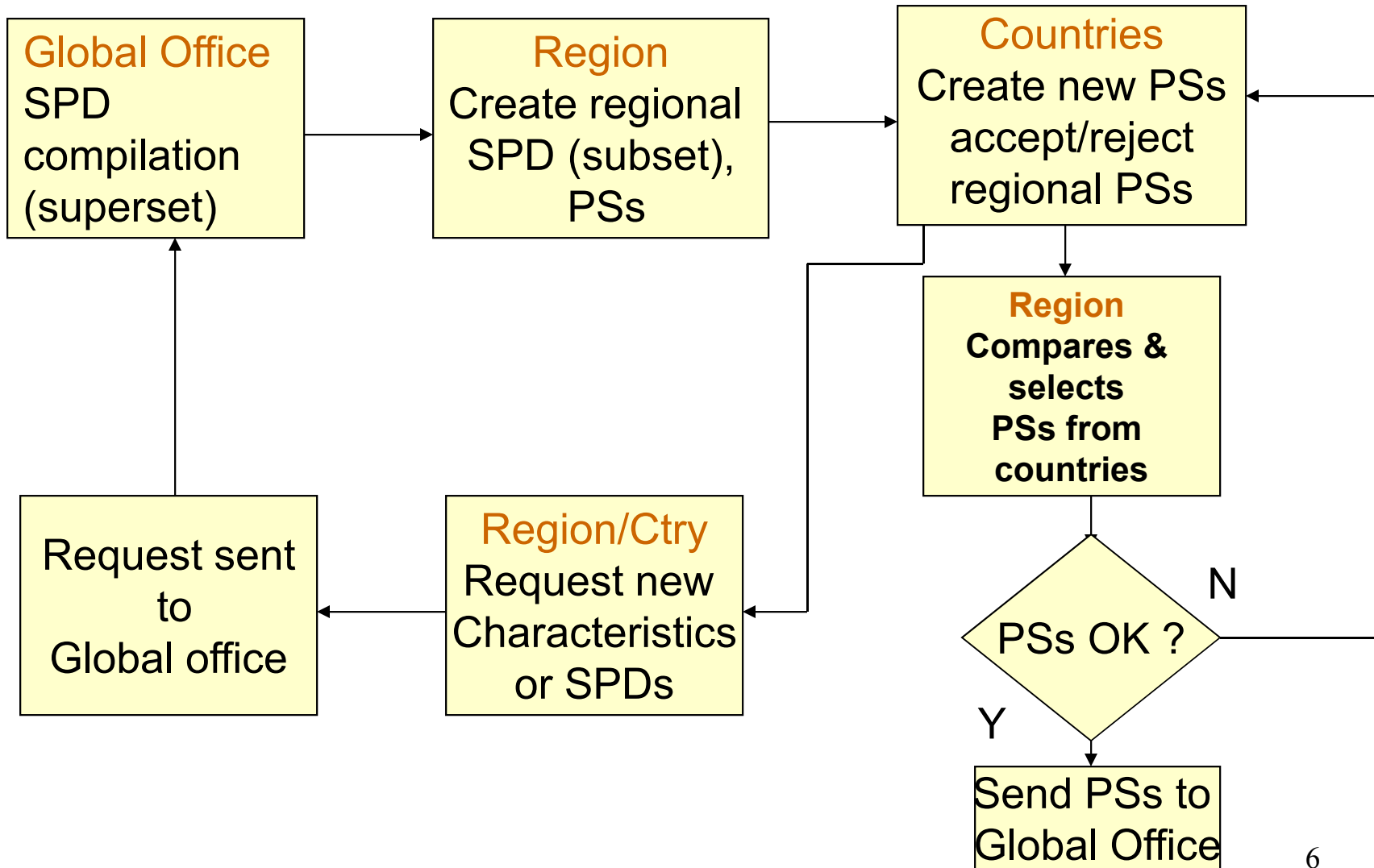
✦ **Price survey setup**

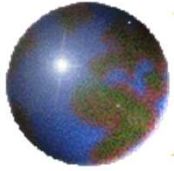
- ✦ Prepare product list and characteristics, outlier tolerances
- ✦ Prepare units of measure (UoM) lists
- ✦ Prepare price outlets and hierarchy lists
- ✦ Prepare price collectors lists
- ✦ Map outlets to products and to price collectors



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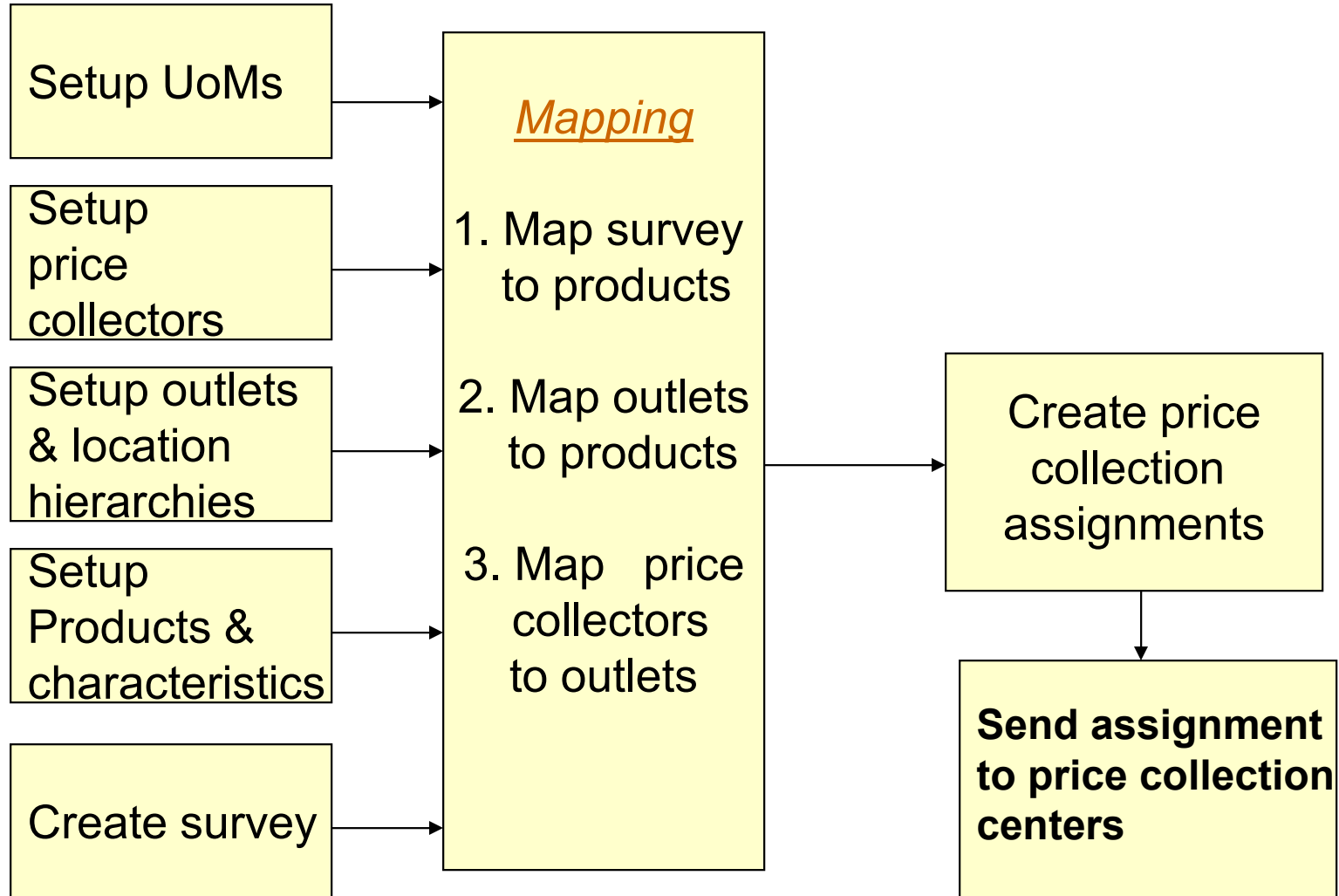
Process flow -- product specification

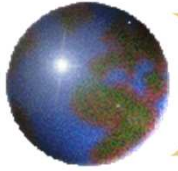




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Process flow -- price survey setup





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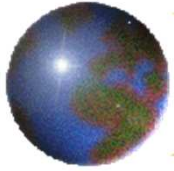
Process tasks

✦ **Data collection and data entry**

- ✦ Collect price observations (actual data collection)
- ✦ Verify preliminary data at price collection centers
- ✦ Enter data into system, verify price outliers
- ✦ Export data to survey administrator (national or regional)

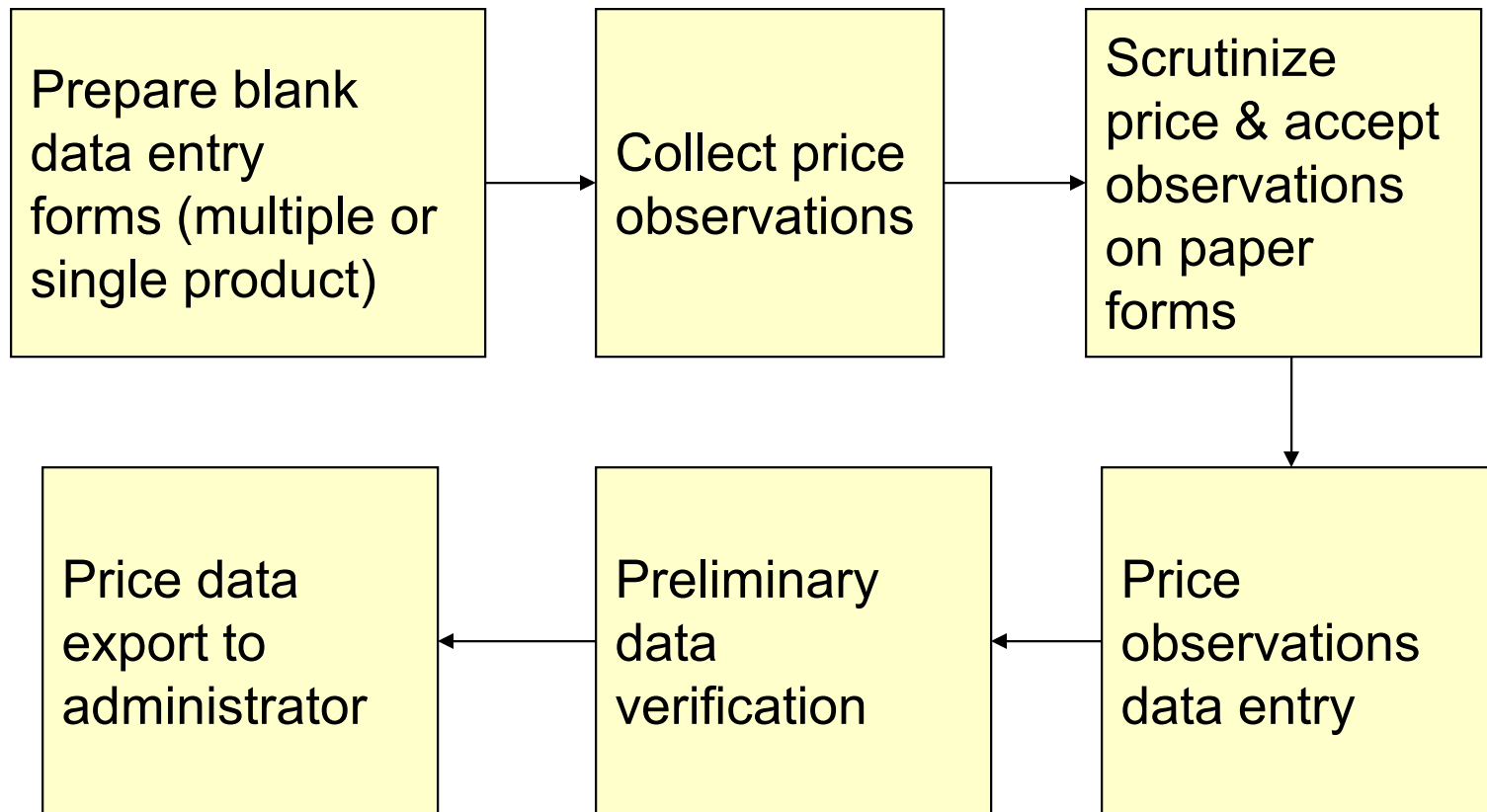
✦ **Data compilation and verification**

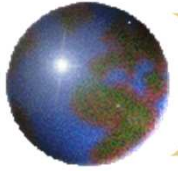
- ✦ Compile data (import into repository) sent by price data collection centers
- ✦ Verify for price outliers and for other price anomalies
- ✦ Input other data needed for index calculation -- weights, GDP expenditures, exchange rates etc.



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Process flow -- data collection and data entry

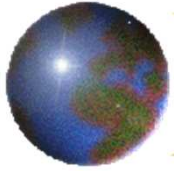




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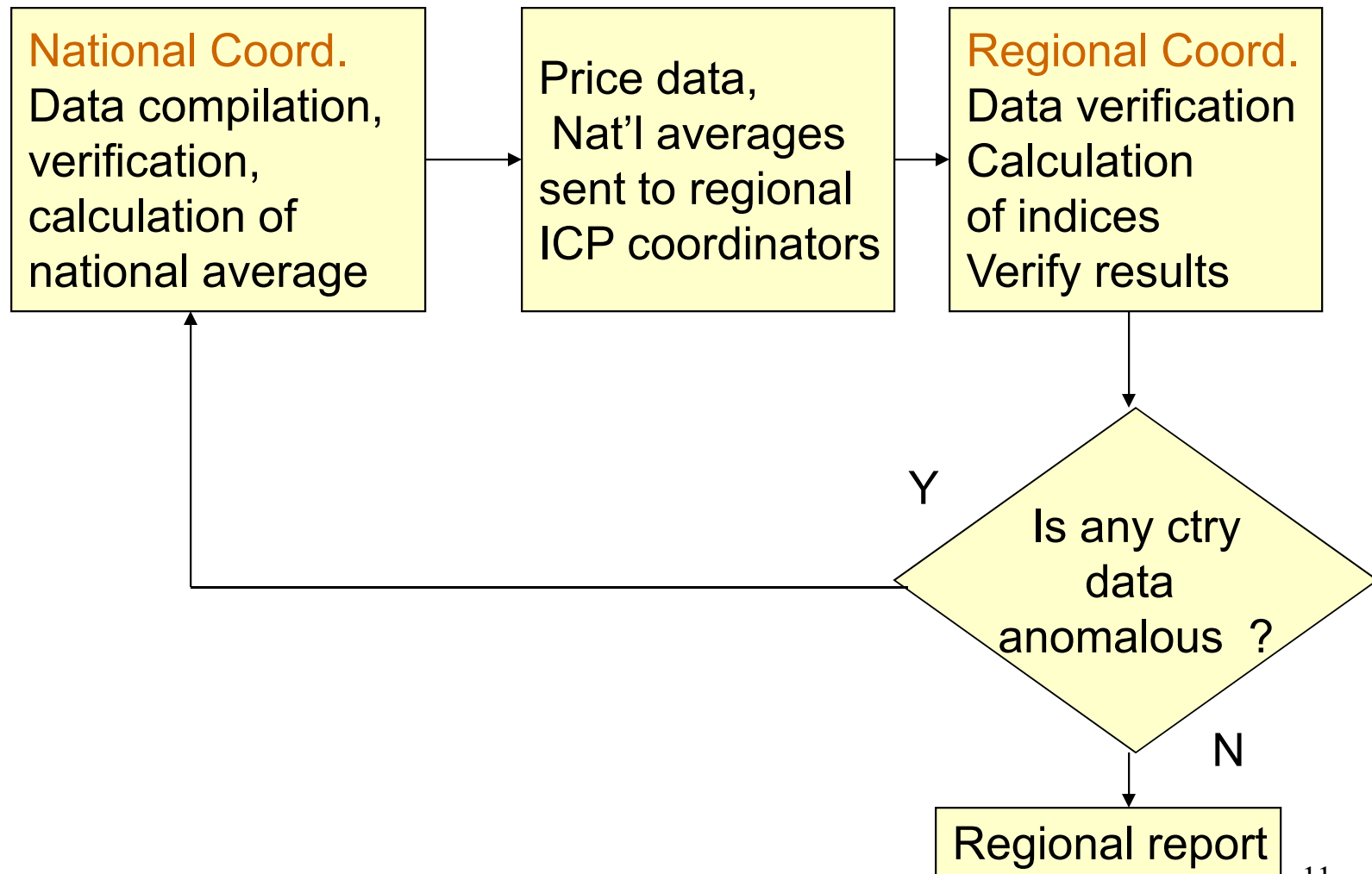
Process tasks

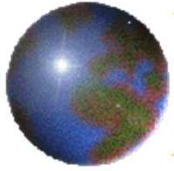
- ✦ **Data processing, analysis and reports**
 - ✦ Select price data, based on geographic or other price attributes, save selections
 - ✦ Perform price imputation based on selected methodology
 - ✦ Produce price indices, reports
 - ✦ Analyze indices



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Process flow -- data proc., analysis & reports

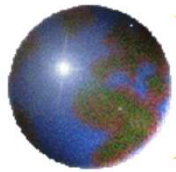




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Tool Pack features

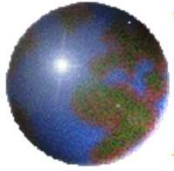
- ✦ Tool Pack includes 3 modules - deployable separately
 - ✦ SPD system to support product specification process
 - ✦ Operates in stand-alone mode
 - ✦ Price collection module
 - ✦ Speed data entry
 - ✦ Supervisor flexibility to perform preliminary data verification to improve data quality
 - ✦ Operates as a stand-alone module
 - ✦ Data transfer to administrator over network



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Tool Pack features (cont'd)

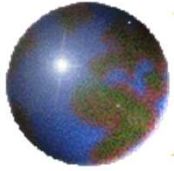
- ✦ Administration and Analysis module
 - ✦ Set up of survey and products
 - ✦ Choice of price imputation methods (CPD, EKS *)
 - ✦ Choice of price indices (Laspeyres, Fisher, GK, Tornqvist, Paasche, EKS, etc.)
 - ✦ Can be used for CPI
 - ✦ Data verification reports
 - ✦ Quaranta tables
 - ✦ Web-based access
 - ✦ Data base management capability, incl. archiving
 - ✦ Administrator and analyst roles can be defined
 - ✦ Does not require any special software to be procured by countries



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Price data collection module demo

- ✦ Log-in and security
- ✦ Print blank forms for data entry
- ✦ Data entry
- ✦ Edit data
- ✦ Compare data - preliminary data check
- ✦ Data transfer
- ✦ Options - passwords, user rights, settings, housekeeping, etc.
- ✦ Installation



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Thank you !