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Current statistical system and future developing projects[1]

Hela Zghal,

Central Bank of Tunisia

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[1] This presentation was prepared for the meeting. The views expressed are those of the author and do not necessarily reflect the views of the BIS, the IFC or the central banks and other institutions represented at the meeting.

CENTRAL BANK OF TUNISIA CURRENT STATISTICAL SYSTEM AND FUTURE DEVELOPING PROJECTS

Department of Statistics

Irving Fisher Committee on
Central Bank Statistics

Legal background
Laws n° 2016-35, laying down the statute of CBT and n° 99-32, regulating the national system of statistics

- ## Mission

  Compiling statistics on money, credit, balance of payments and international investment position

- ## Requirements

  - Respect the duty of confidentiality

  - Ensure transparency in compiling statistics

  - Develop statistical data in compliance with international standards

  - Ensure data reliability

  - And, disseminate statistical data and metadata periodically.

Economic, monetary and financial data governance

- Data sources

  Banking sector, administrative data and customized surveys.

- Compilation methodology

  BoP and IIP manual, external debt statistics guide and monetary and financial statistics manual.

- Projections

  Econometric models in forecasting economic and financial indicators for decision-making and research purposes.

- Dissemination

  On CBT website and via various publications.

Strategic developing projects
3-year strategic plan 2019-2021

- Transition to the 6th edition of the IMF's BoP and IIP manual.

- Adopting monetary and financial statistics latest methodology.

- Enhancing CBT website with more dynamic, ergonomic and modern features and redesigning the SDDS data delivery platform based on the SDMX standard.

- Concluding data exchange agreements with the National Institute of Statistics, and other public agencies in charge of collecting or producing statistical data.

Implementing a business intelligence system
3-year strategic plan 2019-2021

- Flexible, up-to-date and secure statistical information system.

- Unique repository for the bank statistical data and metadata.

- Automatic collection and validation processes for internal and external data, and developing tools for maintaining data quality.

- Data management : data warehouse, analysis and simulation tools.

Implementing a **business intelligence** system (Ctd)

3-year strategic plan 2019-2021

- Hybrid business intelligence architecture
  - Data warehouse
  - Data lab
- Data science innovations, developing cutting-edge econometrics and statistics modeling based on :
  - Big-data analytics
  - Artificial intelligence
  - Machine learning

THANK YOU!

Central Bank of Tunisia