List of deliverables

This document contains a list of deliverables for the commodity price index project.

Details of each dataset and script are explained in the **technical notes** and script comments.

# Documentation

## 1\_quality\_assurance.docx

Quality checks for

* Compiled indices for different subgroups of commodity products
* Single price before and after changing data source

## 2\_technical\_notes.docx

Technical notes for how the price index is computed, from data collection to computation.

# Datasets

Datasets are divided in three folders:

* datasource\_2024
* metadata
* validation

## datasource\_2024/\*

This folder holds the original datasets used in the previous version of price computation. Up to date until 2024.12. Only used for validating the outputs.

## metadata/weights.xlsx

Contains the weight and grouping information for the commodity products, used in the index computation.

## metadata/commodity\_metadata.xlsx

Metadata of commodity products. This dataset contains details for data sources, commodity product labels along with some other useful features.

## Validation/\*

Data in this folder are used as validation. There is no need to use the data in this folder apart from development purposes.

*dcommodity.rds, dcommodity\_filled.rds*

Commodity prices from the new sources, before and after filling the missing.

*prices\_2024\_compare.rds*

Comparison data from 2024 and before, computed from the old sources

*checklist.xlsx, checklist\_report.xlsx*

Checklist files

*indices\_both.rds*

Compiled indices for all groups, from both old and new sources

*US.CommodityPriceIndex….csv*

UNCTAD published data, downloaded from the online data portal. Used for quality checks.

# R scripts

Details for each script is described in the comments inside the R scripts. Please also refer to the technical notes to have an overview of the entire workflow.

## 1\_compute\_validate\_index.R

Procedures from data import, processing, missing data handling to index computation and validation.

## 2\_compare\_individual.R

Process individual commodity price series from the old sources (up to 2024.12). Compare with the same product from the new sources.

## util.R

Functions used in the scripts above.