Digiwhist sustainability - update 1 release notes

Data processing methodology

Digiwhist price

digiwhistPrice is a new variable introduced within this data update. It's calculated variable that tries to solve a problem that is caused by a fact that different price variables are published across all processed sources. This variable aggregates published information into one variable which is much more suitable for analytical purposes. In fact, there are two new variables

- tender.digiwhistPrice - the total price of a tender
- bid.digiwhistPrice - the total price for a winning bids

BID level best price variable

First scenario: one lot per tender
Tender.lot.bid[Z].digiwhistPrice=

1. for bids where tender.lot.bid[Z].isWinning=TRUE
    a. tender.lot.bid[Z].price.netAmountEur
    b. if null, then Tender.lot.bid[Z].price.maxNetAmount
    c. if null, then Tender.lot.bid[Z].price.minNetAmount
2. Tender.finalPrice
    a. netAmountEur
    b. if null, then Tender.finalPrice.maxNetAmount
    c. if null, then Tender.finalPrice.minNetAmount
3. Tender.lot.estimatedPrice
    a. netAmountEur
    b. if null, then Tender.lot.estimatedPrice.maxNetAmount
    c. if null, then Tender.lot.estimatedPrice.minNetAmount
4. Tender.estimatedPrice.NetAmountEur
    a. if null, then Tender.estimatedPrice.maxNetAmount
    b. if null, then Tender.estimatedPrice.minNetAmount

Second scenario: multiple lot per tender
Tender.lot.bid.bestprice=

1. for bids where tender.lot.bid[Z].isWinning=TRUE
    a. tender.lot.bid[Z].price.netAmountEur
    b. if null, then tender.lot.bid[Z].price.maxNetAmount
    c. if null, then tender.lot.bid[Z].price.minNetAmount
2. tender.lot.estimatedPrice.
    a. netAmountEur
    b. if null, then Tender.lot.estimatedPrice.maxNetAmount
    c. if null, then Tender.lot.estimatedPrice.minNetAmount

TENDER level best price variable

First scenario: one lot per tender

Tender.bestprice=

1. tender.finalPrice
    a. netAmountEur
    b. if null, then tender.finalPrice.maxNetAmount
    c. if null, then tender.finalPrice.minNetAmount
2. sum of prices of winning bids. Price of winning bid is determined as
    a. tender.lot.bid[1].price.netAmountEur
    b. if null, tender.lot.bid[1].price.maxNetAmount
    c. if null, tender.lot.bid[1].price.minNetAmount
3. tender.estimatedPrice
    a. netAmountEur
    b. if null, then Tender.estimatedPrice.maxNetAmount
    c. if null, then Tender.estimatedPrice.minNetAmount
4. sum of estimated prices of all lots. Lot estimated price is determined as
    a. tender.lot.estimatedPrice.netAmountEur
    b. if null, then tender.lot.estimatedPrice.maxNetAmount
    c. if null, then tender.lot.estimatedPrice.minNetAmount

Second scenario: multiple lots per tender

Tender.bestprice=

1. Tender.finalPrice
    a. netAmountEur
    b. if null, then Tender.finalPrice.maxNetAmount
    c. if null, then Tender.finalPrice.minNetAmount
2. sum of prices of winning bids. Price of winning bid is determined as
    a. tender.lot.bid[1].price.netAmountEur
    b. if null, then tender.lot.bid[1].price.maxNetAmount
    c. if null, then tender.lot.bid[1].price.minNetAmount
3. tender.estimatedPrice
    a. netAmountEur
    b. if null, then tender.estimatedPrice.maxNetAmount
    c. if null, then tender.estimatedPrice.minNetAmount
4. sum of estimated prices of all lots. Lot estimated price is determined as
    a. tender.lot.estimatedPrice.netAmountEur
    b. if null, then tender.lot.estimatedPrice.maxNetAmount
    c. if null, then tender.lot.estimatedPrice.minNetAmount

Postcode - NUTS conversion

- For all addresses, we have in our model
    - if address does not contain nuts field and contains postcode information
        - search for a postcode in Eurostat database
            - http://ec.europa.eu/eurostat/tercet/flatfiles.do

        - NUTS-2013 are used
    - if postcode -> nuts mapping is present set address.nuts value

CSV export

- CSVs exported by country instead of by source
    - data from TED and national source are mixed
    - data contains duplicates if the same tender was published in TED and national source
    - an *opentender* variable can be used to deduplicate the data. Tenders with opentender = true should not contain duplicates
- Duplicated columns were removed
- Column headers were harmonized with headers used by opentender.eu export features
- national currency information was added
- tender and bid level digiwhistPrice variable was added

Opentender

- privacy policy updated on EC request
- indicators description linked from https://opentender.eu/all/about/how-opentender-works
- Digiwhist JSON data standard linked from https://opentender.eu/all/download
- CSV format description linked from https://opentender.eu/all/download
- Cookie banner text updated on EC request
- Disclaimer text added to a footer