



The use of administrative data: the example of customs data in the FSO

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Content

- Use of Administrative Data and statistical Business Registers
 - Collection and preparation – not everything is easy
 - Business Registers as gateway for the use of Administrative Data
- Customs Data in the FSO
 - Preparation, validation and use
 - A goldmine for Business Statistics (and not only)
- What can we do better with Administrative Data?



Collection and preparation of Administrative Data

- Statistical Offices have to search, to beseech for Administrative Data
- The support of Regulations, of Legal Acts doesn't automatically open all doors
- Administrative Data have not been created for statistical use
- Cooperation with the owners of Administrative data not always easy
- Quality of the data not always top
- These Data have to be “sold” to the production units



Administrative Data and SBR (1/2)

- Umbilical cord relationship between SBR and Administrative Data in Business Statistics, which strengthen the role of backbone of the SBR
- Administrative Data helps to complete the SBR
- Timeliness of Administrative Data influence the “update status” of the SBR content
- Administrative Data \neq SBR



Administrative Data and SBR (2/2)

- Administrative Data
 - is an outstanding source for statistics
 - enrich the content of SBR
 - help to free businesses from filling in statistics questionnaires
 - reduce the costs of the production of statistics
 - contribute to the modernisation movement of statistics
 - contribute to the awareness of statistics in the administration
 - facilitate the collection of administrative information (e.g. information on employment agencies licences)



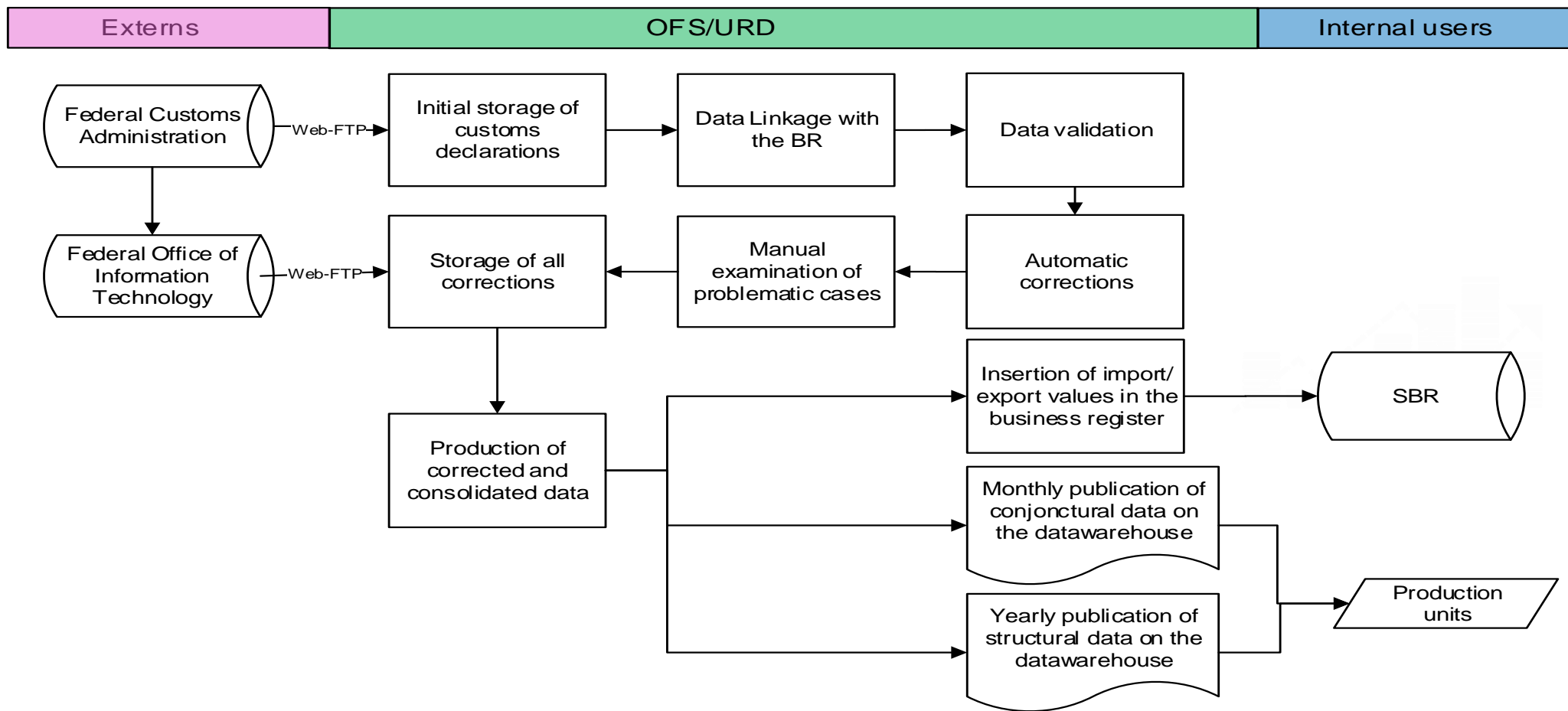
Customs Data – a Success Story (1/5)

- Integration of Administrative Data into the production of Business Statistics at the FSO after 2011 (law on the Unique Identifier of Businesses)
- Social Security Data -> complicated: almost 100 Data Sources
- VAT Data -> lengthy data protection discussions -> detailed agreement on the use of VAT Data in the FSO
- Customs Data -> since 2016 -> open minded and cooperative Staff of the Federal Customs Administration (FCA)



Customs Data – a Success Story (2/5)

- Variables
 - Date of the customs declaration, UID of the business (link to the SBR)
 - Name/address/zip/town of the Swiss importer or exporter
 - Name/country code of the foreign importer or exporter
 - Transportation mode
 - National product code according to the customs rate (linked to HS)
 - Statistical value (price of goods invoiced in CHF at the border)
 - Weight (net or gross)
 - Code of country of origin of the goods





Customs Data – a Success Story (4/5)

- Trade in Goods Statistics are produced by the Federal Customs Administration (FCA) -> this is not a FSO task
- Customs declarations data are used in the FSO for
 - Production of Variables for the SBR (Value of the imported / exported goods)
 - Validation and Analysis purposes (e.g. price index calculation)
 - as basic Input for the Production of Statistics (e.g. production of data on globalisation)



Customs Data – a Success Story (5/5)

- “Cross-border Traffic of Goods” survey on 12’000 track drivers on transported goods, origin and destination of the goods, transport mode etc.
- Survey realised every 5 years, costs +/- 1 Mio CHF
- Customs Administrative Data covers 95% of the questionnaire
- Reluctance in using Administrative Data
 - Doubts on quality of the data
 - Don’t touch my garden!



What can we do better with Administrative Data?

- Cooperate as much as possible with Administrative Data Producers (Regulation 223/2009, Art 17 bis)
- Get maximum support from the Top Management, it is unavoidable, even outside of the Statistical Office
- Promote actively the use of Administrative Data within the Statistical Office -> which Surveys can be replaced by Administrative Data?
- Look continuously for new Administrative Data (e.g. BEPS)



Thank you for your attention

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