

Towards an enterprise centred approach to data collection and processing

New integrated production system for business statistics At Statistics Netherlands

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Expert Group on Business Registers, 28-09-2022

Introduction

EBN 2.x

Innovation, co-creation and implementation

Our “Agile program”

Principles

Process

Towards an early warning system

Files per company



EBN 2.x

Goal: Towards more efficient, more flexible and future proof Business Statistics

Efficient goal oriented cocreation

Balance on innovation, re use and implementation

New process, way of working and matching tooling

2.x: considered small steps



EBN 2.x



Along with:
POC Working group
Agile teams

Small team, disciplines:
Program management
Business Knowledge
Methods
Consistency
Methodology
Business Analysis & Architecture
IT & Architecture
IT & POCs



Our “Agile Program”



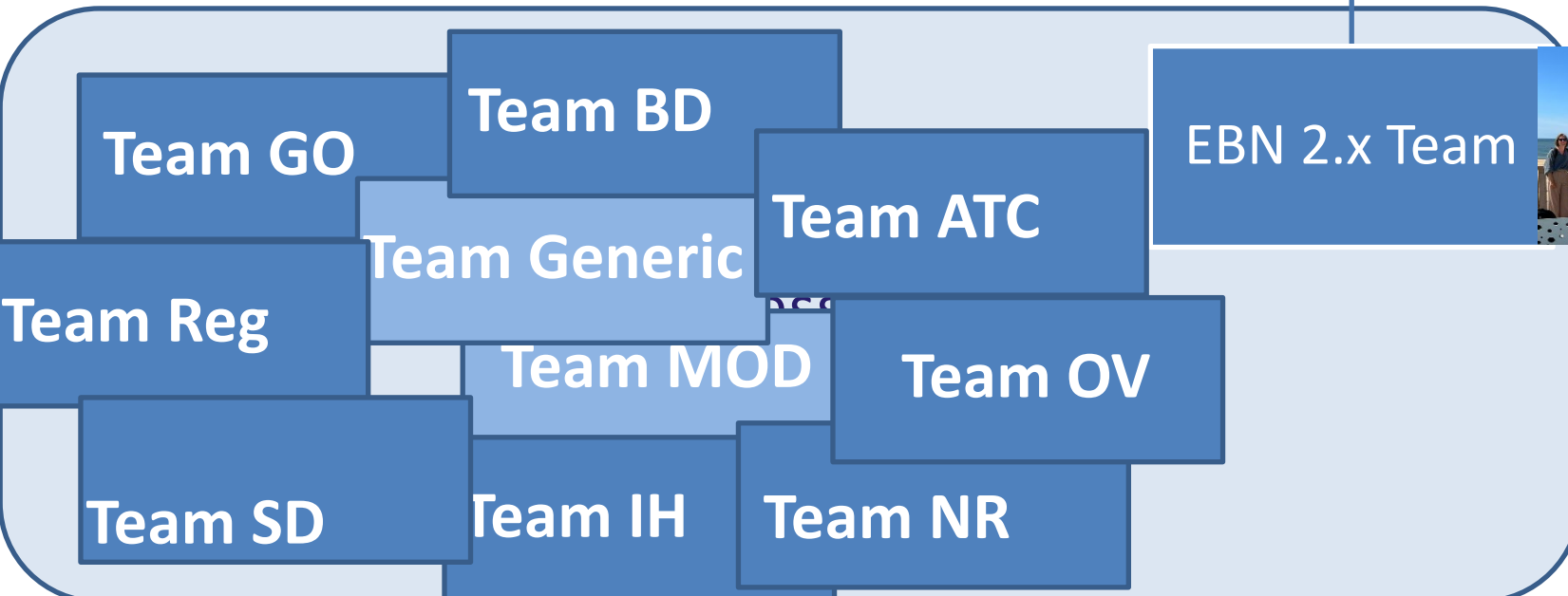
4 members of Executive Board

Division Team

EBN 2.x Team

Other programs

EBN management & staff



Sounding Board



Innovation, co-creation and implementations

- Innovation:
 - 8 principles
 - Applied methodology
 - The proof of the pudding... is in a Proof of Concept!
- Co-creation with Business and with Agile teams
 - Re-use of best practices
 - As much standardized coherent models & common tools as possible!
- Implementations
 - Small steps instead of a big bang
 - Visible results
 - Immediate feedback contributes to continuous improvements



Principles

Towards realtime processing

- Realtime automatic input processing, directly to concept output
- Automatic quality measurement, controlling manual interactions
- Data sharing, right from the start

Towards more coherence

- Consistency checks as early as possible

Towards more standardization

- Coordinated population backbone as basis for all business statistics
- Standardized processes, methods, data and IT

Towards more re use of best practices

- Modular processes, methods, data and IT

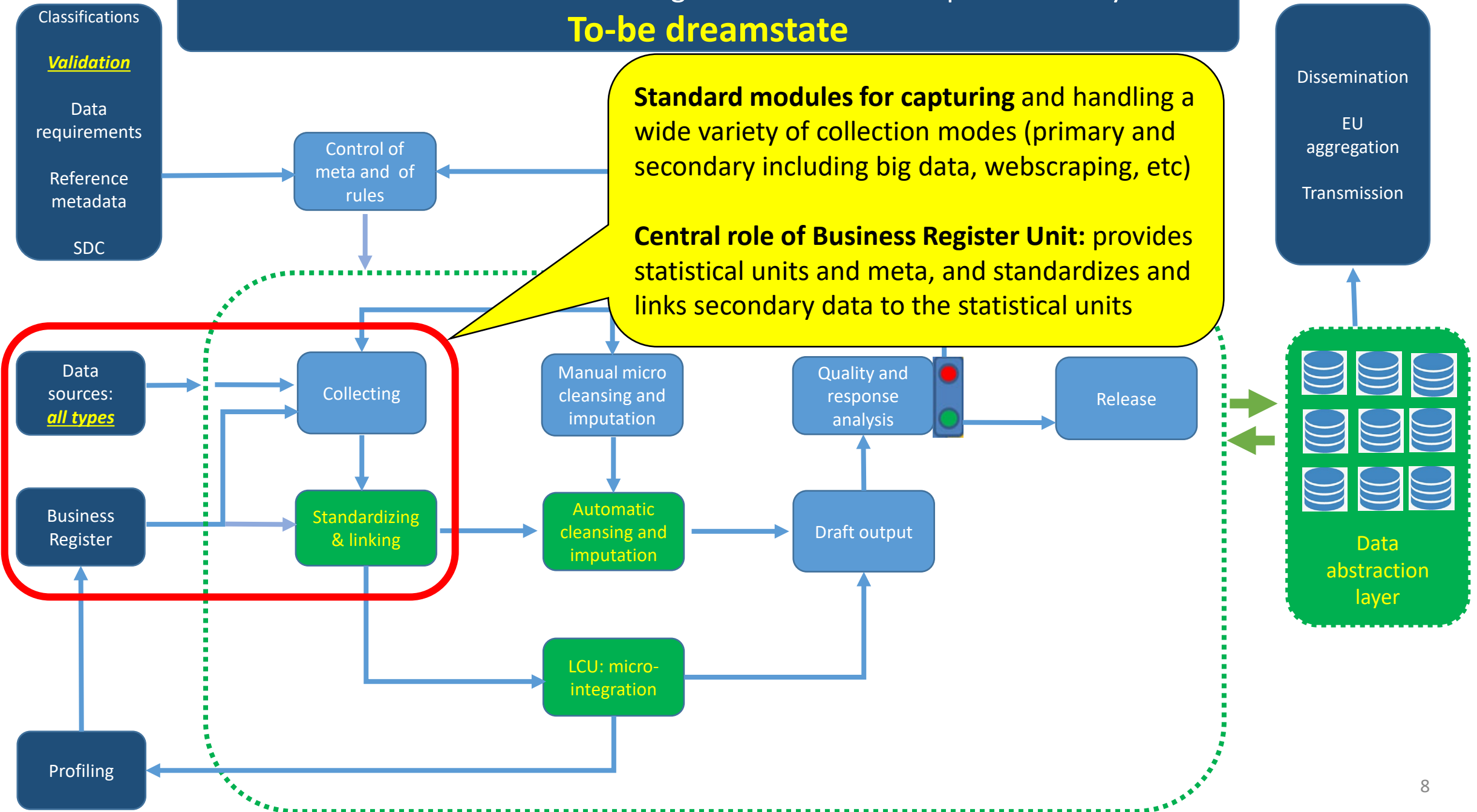
Continuous improvements

- Analysis of manual interactions as input for further improvements



Business Proces Model of the integrated cross-domain production system

To-be dreamstate



Towards an Early Warning System (EWS)

- Objective: gather timely information on (possible) large events of smaller companies
- Information from e.g. online newssites and commercial databrokers already gathered by SN Library
- Automated processing using Natural Language Processing and Data science techniques to detect company names and link them to the BR



Zoeken

Tekst

Vanaf

Tot op

Berichten

89

Chipmachinemaker *** n kop in afwachtende AEX

*** ijdag de sterkste stijger in de AEX-index met een winst van 2,7 procent. De chipmachinemaker profiteerde van de...

Publicatiedatum: 26-08-2022 08:08 | Bron: Leeuwarder Courant | Taxonomie: bedrijfsresultaten

Omzet grote chipleverancier Apple met 50 procent omhoog in juli

Het Taiwanese *** 2 grootste chipfabrikant ter wereld, heeft in juli de omzet met bijna 50 procent zien stijgen, geholpen...

Publicatiedatum: 10-08-2022 09:04 | Bron: Nieuws.nl | Taxonomie: topsectoren

Fotonica: geboorte van een nieuwe Nederlandse techreus

Innovatiebeleid De Nederlandse overheid reserveert een half miljard euro voor de ontwikkeling van een nieuwe chipindustrie: fotonica, halfgeleiders die zelf...

Publicatiedatum: 29-07-2022 16:30 | Bron: NRC | Taxonomie: afzetmarkt

eToro: Nederlandse chipsector recessiebestendig

27 juli 2022 Technologie Geschreven door eToro's marktanalist Jean-Paul van Oudheusden De eerste helft van het jaar was geen feest...

Publicatiedatum: 27-07-2022 10:37 | Bron: FinancialInvestigator | Taxonomie: productiviteit



Files per company

