

Global Conference SDMX 2025

Sistan Hub: The Experience of the Marche Region

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Identity and Mission

Who we are (Management Control and Statistical Systems Sector Department of Integrated Planning, EU and Financial, Human and Instrumental Resources – Marche Region)

We are an integral part of SISTAN. We produce and disseminate data to support regional planning

The aim was to improve the dissemination of data

Use of a more dynamic consultation mode, through personalized queries

Downloading data in response to the principle of transparency and accessibility.

The role of the Hub in Sistan: Open Data and interoperability:

- ❖ The Public Statistics Hub is an Open Data portal that allows the sharing and dissemination of macro-data produced by Sistan bodies and other public entities. Based on the SDMX standard, the system offers a distributed data warehouse that can be queried via the web.
- ❖ The goal is to create a network between institutions, integrate datasets, promote the quality of statistical data, ensure semantic interoperability and share international best practices.
- ❖ Each entity manages a node of the system: the published data flow into the Hub, the only access point for consultation.

The Hub: an operational response to the needs of our Region

- ❖ The intent of the Statistics Office is to improve the use of information aimed at internal users and citizens, through:
 - a. the publication of data from Istat and other sources,
 - b. the processing of Sistan microdata in response to specific needs related to regional programming
 - c. the production of administrative data with sub-provincial detail
- ❖ A solution to our need was to join the Public Statistics Hub project, through the publication of data compliant with the SDMX standard, on a "Node assigned to us".
- ❖ Possibility to "link" (without occupying space on our servers) the data residing on other "Nodes", through SDMX web service.

The Challenge

Joining the project represented a paradigm shift, allowing us to respond more effectively to the principles of transparency and accessibility

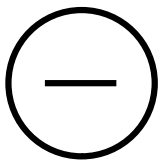
Before



Static reports (PDF, Excel)



Difficulty updating

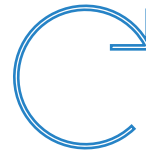


Limited access

After



Dynamic consultation



Accelerated updates

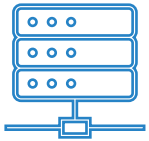


Public and transparent
download

Our path: from membership to operational autonomy

2023

In 2023, the Marche Region joined **the** Sistan project



Through collaboration with the Istat structures , **the software was installed** at the Institution



This was followed by a **training** course held by Istat at

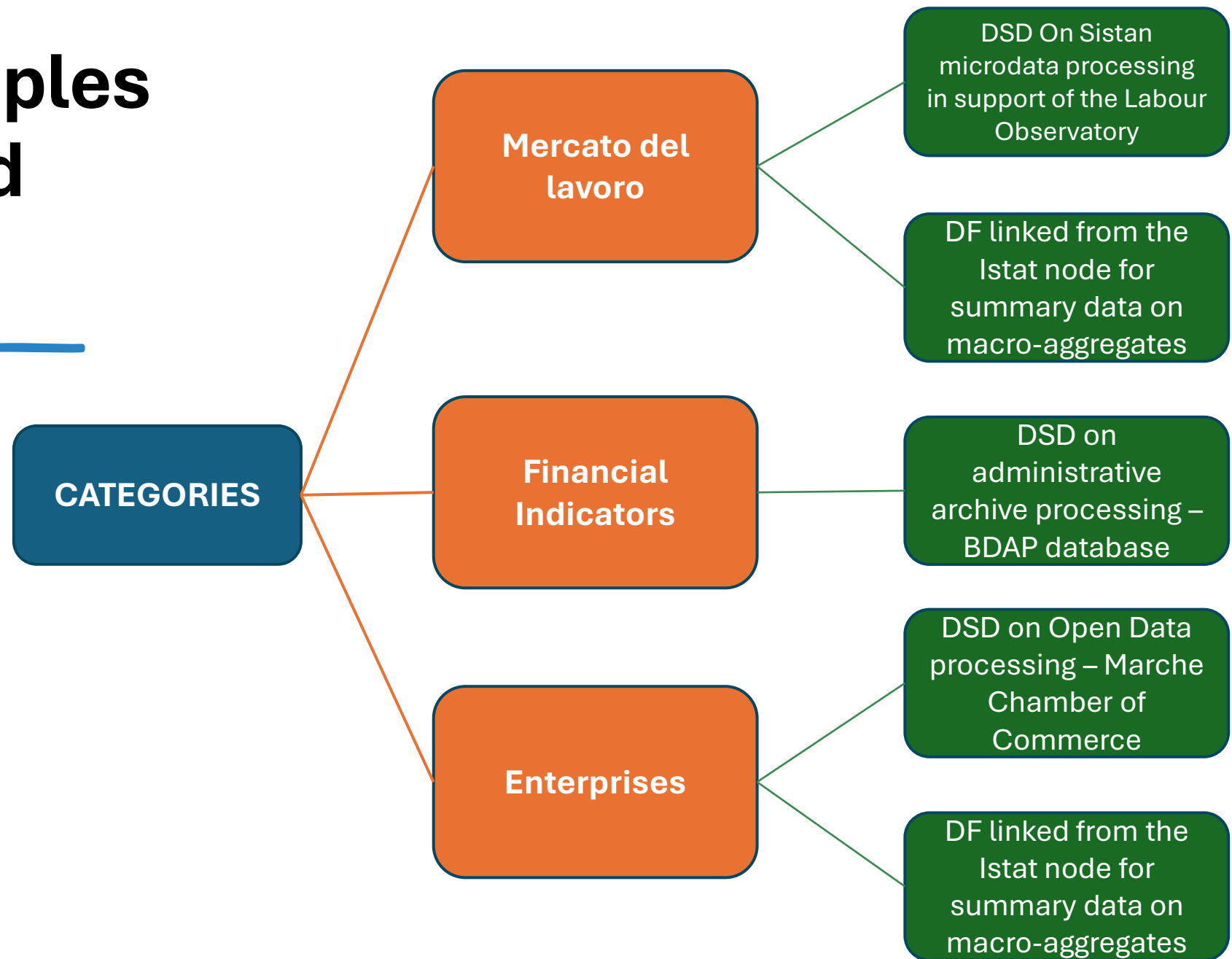


Subsequently, we continued to work **independently**, maintaining regular contact with Istat to receive support and assistance

Operational phases for the enhancement of data on Marche Data Browser

- ❖ Summary of regional information needs
- ❖ Identification of the artifacts necessary for the construction of data structures (DSD) by theme
- ❖ Data processing and loading
- ❖ Definition of Data flows and related templates
- ❖ Publishing on Marche Data Browser

Some examples of published themes



Istat StatKit

The use of the Istat StatKit package, freely downloadable on the internet, accompanied by tutorials, videos and user manuals. , allows us both to build DSDs to upload and publish our data on the "Node" assigned to us, and to "link" (without downloading) the data residing on other "Nodes", through SDMX web service.

M&D Manager v19.3

MarcheData

admin

Data Structure Definitions

Ord.	ID	Concept	Coded repr.	Dimension
1	FREQ	(CROSS_DOMAIN_CONCEPTS_HUB+I...	CL_FREQ+IT1+1.0	Frequency
2	REF_AREA	(CROSS_DOMAIN_CONCEPTS_HUB+I...	CL_TERRITORIO+IT1+1.0	Normal
3	DATA_TYPE	(ENTERP_DOMAIN+IT1+1.0) DATA_TYPE	CL_TIPO_DATO_CIS+IT1+1.0	Normal
4	ECON_ACTIVITY_NACE_2007	(ENTERP_DOMAIN+IT1+1.0) ECON_AC...	CL_ATECO_2007+IT1+1.0	Normal
5	TIME_PERIOD	(CROSS_DOMAIN_CONCEPTS_HUB+I...		Time

MarcheData

REGIONE MARCHE

Active enterprises

Indicator: Number of active enterprises, Frequency of observation: Annual

Reference area: Marche

Temporal dimension order: Ascending Label format: Name

Marche Data Browser

Criteria

Pivoting

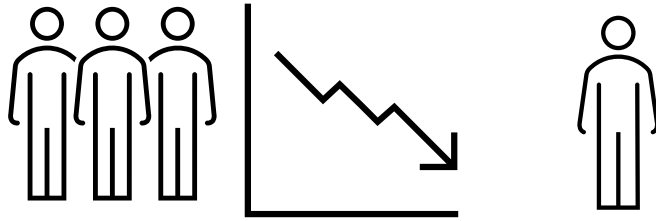
Table

Chart

Map

Time period	2019	2020	2021	2022	2023	2024
Economic activity (NACE Rev. 2)						
Mining and quarrying	78	77	75	70	67	65
Manufacturing	18.591	18.295	18.154	17.390	16.754	15.928
Electricity, gas, steam and air conditioning supply	469	474	482	469	459	452
Water supply sewerage, waste management and remediation activities	292	295	285	278	264	266
Construction	19.732	19.640	19.615	18.713	18.065	17.627
Wholesale and retail trade repair of motor vehicles and motorcycles	34.771	34.213	33.936	31.750	30.072	28.522
Transportation and storage	3.740	3.689	3.609	3.459	3.271	3.090

More results with fewer resources available: the impact of the system adopted



The progressive **reduction of personnel in the** Public Administration has made it necessary to optimize activities



The adoption of this system represented an effective solution allowing a **significant lightening of the workload**, also thanks to the possibility of connecting the dataflows to other nodes updated automatically.

THANK YOU
FOR
THE ATTENTION

