

KNOWAGE and AICS for 2030

Agenda SDG goals monitoring

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KNOWAGE



ITALIAN AGENCY
FOR DEVELOPMENT
COOPERATION



Filippo Casetta

BI Consultant

KNOWAGE - Engineering

Filippo Casetta is a Data Specialist and BI Consultant in Engineering Ingegneria Informatica. He specialized in the Business Intelligence projects with Knowage, dealing with all the aspects, from Data Modeling to Data Visualization.

During these years, he has worked in ambitious projects on healthcare sector for Italian public health authorities.

He got Master's Degree in Data Science at University of Bologna with a thesis on the neural networks and deep learning.

AICS

AICS is the Italian Agency for Development Cooperation.

It started operating in January 2016 with the ambition of aligning Italy with its main European and international partners in the commitment to development.

The task of the Agency is to carry out technical and operational activities related to the phases of examination, formulation, financing, management, and monitoring of international cooperation initiatives.



**AGENZIA ITALIANA
PER LA COOPERAZIONE
ALLO SVILUPPO**

Project goals

Atlas4 Dev

A **modern digital platform** for consultation and analysis, a database of sustainable development indicators.

- **centralization** of geo-thematic data sources;
- **standardization of informational language**;
- **enrichment** and **uniformity** of the geo-thematic data classification system (metadata);
- **modernization** of data analysis support tools.



ATLAS4DEV ARCHITECTURE

DATA SOURCE

Several public data providers worldwide (ILO, World Bank,..)

DATA AUTOMATION

Rest API(SDMX), ETL and workflow and scheduling

METADATA

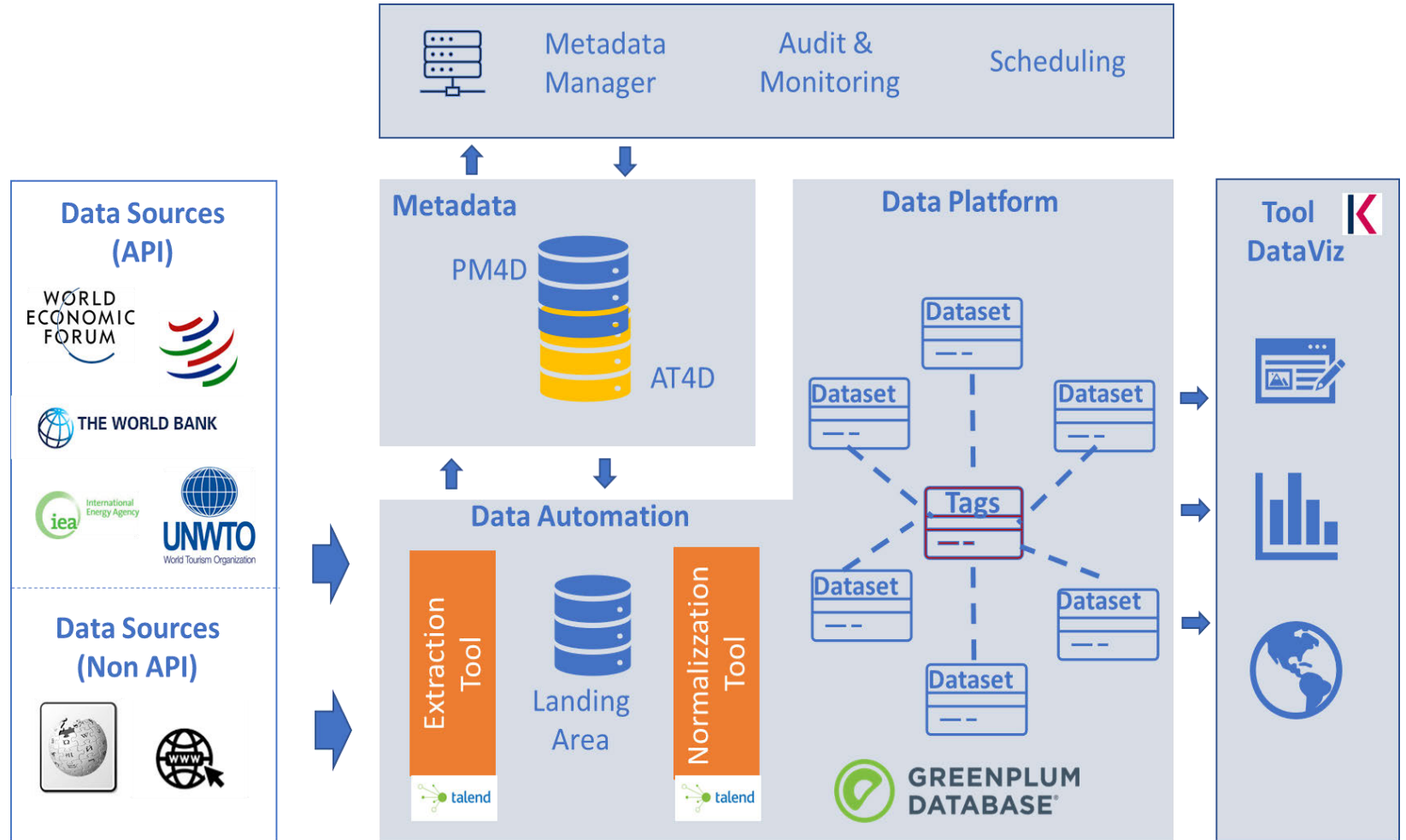
Standard dictionaries and Technical Metadata

DATA PLATFORM

Modern open source MPP data architecture

ANALYTICAL PLATFORM

Advanced dataviz (Dashboard, Dossier,..)



Analytics and Business intelligence suite

KNOWAGE is the most comprehensive **open-source** analytics and business intelligence suite, it satisfies traditional requirements as well as innovative and challenging informative domains. It is based on an open-source model, perfectly combining the innovation coming from the communities with the experience and practices of the enterprise-level solutions.

KNOWAGE allows you to combine traditional data and big data sources into valuable and meaningful information. A full set of features, such as **data exploration**, data preparation, **self-service** data, ad-hoc **reporting**, mash-up, data/text mining embedding and **advanced data visualization**, give special focus **on big data / cloud data** sources and augmented analytics.



Atlas4Dev

Demo



Thanks for your attention.



Filippo Casetta

BI Consultant



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