Open APIs for Open Minds

FIWARE Data Space Connector

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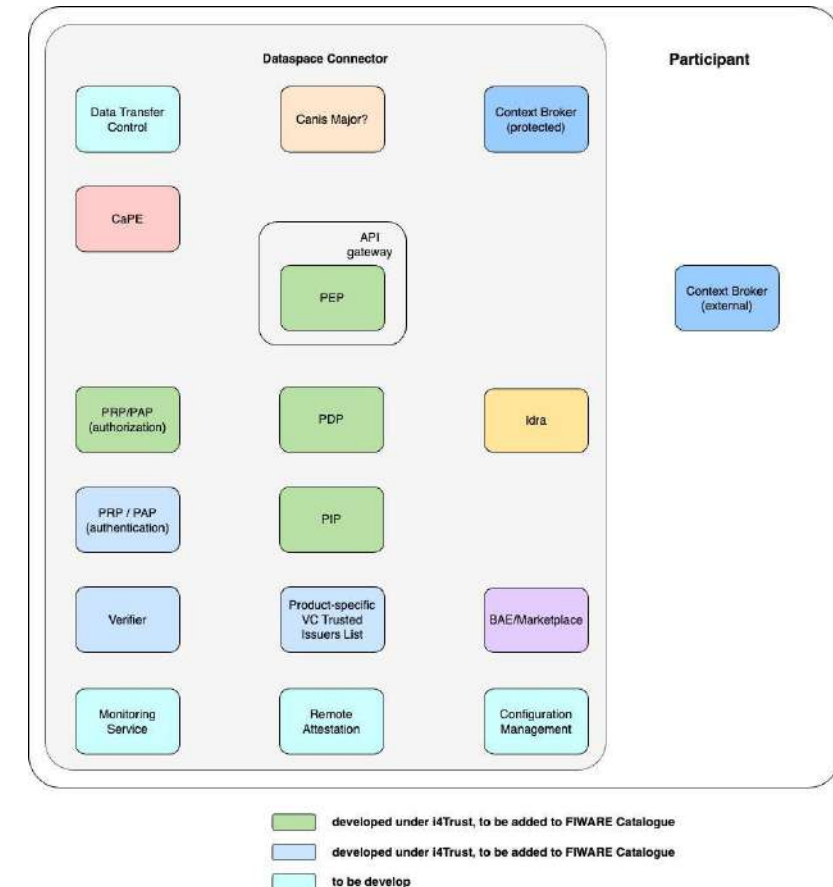**FIWARE**

FIWARE vision for data spaces

- Data Spaces are not just about peer-to-peer exchange of data / datasets / files !!

- Data Spaces enable organizations to:

  - seamlessly extend their map of systems by integrating systems from third parties: App providers (including AI services providers), Data Service providers, other organizations

  - easily become system providers (so other organizations can seamlessly integrate their data services)

- Of course, each system offers a collection of:

  - data services (services for accessing data)

  - data processing services (which receive, process and generate data)

- That is why we say data is central in Data Spaces !!

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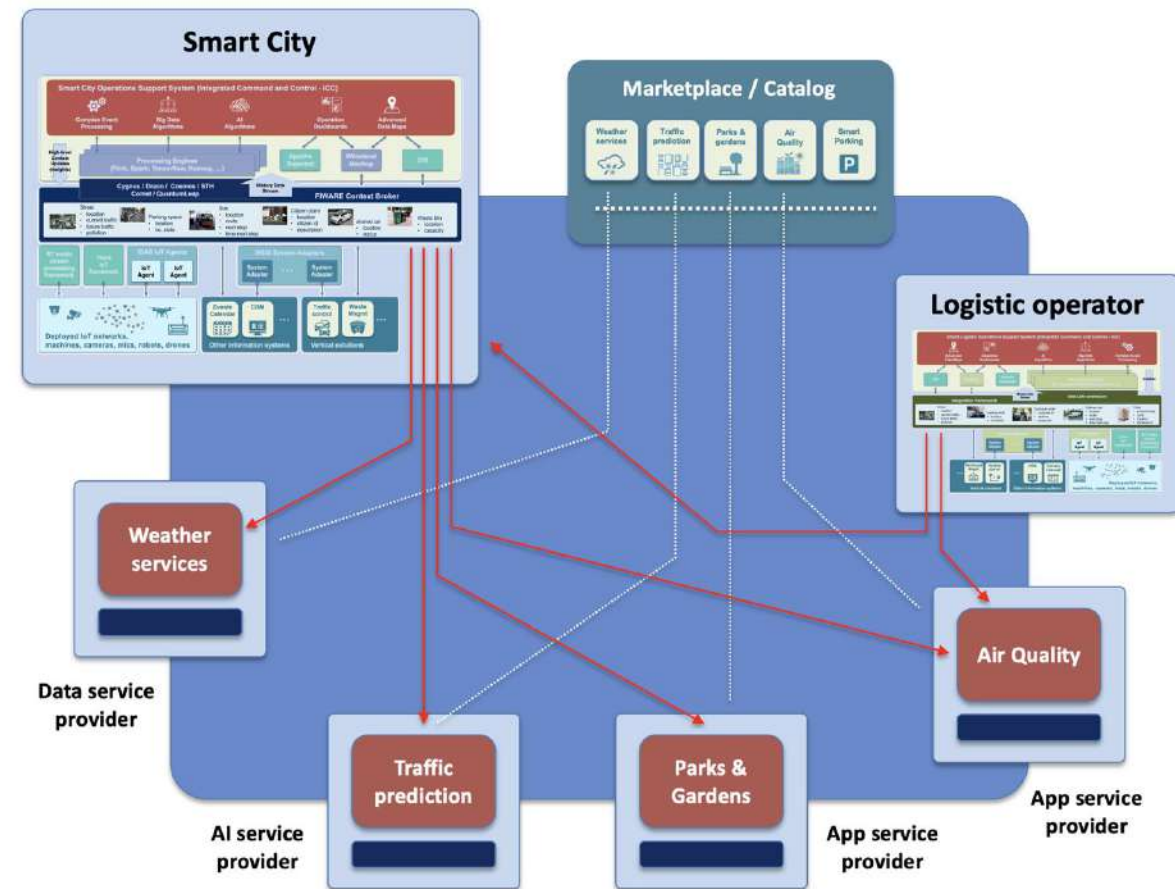
FIWARE

# FIWARE Data Space Connector: enabling DSBA-compliant data spaces

- The FIWARE Data Space Connector comprises a number of software components already aligning with DSBA TC recommendations:
  - Trust and Identity Management components implementing W3C DID + VC/VP standards and SIOPv2/OIDC4VP protocols, and interfacing o trust services implementing extended EBSI APIs (Trusted Issuers Registry) or the Gaia-X Registry API exposed by Gaia-X Digital Clearing Houses (GXDCHs)
  - Authorization Management components enforcing policies specified in ODRL
  - Components implementing TM Forum APIs for contract negotiation therefore ensuring compatibility with DOME (portal allowing admin users to admin product specs and offers or users from consumer organizations to acquire rights to use services may be configured on top)

- Coming soon (Feb 2025):
  - Support to IDS Transfer Process Dataspace Protocol
  - DCAT-compliant data resources catalog for discovery of data services, supporting IDS Catalog Dataspace Protocol

- For future releases, following modules will be incorporated:
  - Personal Data Consent Management modules.
  - Logging and remote attestation modules

- The FIWARE Data Space Connector is the best connector in the market aligned with DSBA recommendations and compatible with DOME

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Wish to follow or join us?

- The Data Space WG was created under the umbrella of FIWARE TSC activities to follow up on all activities related to development of FIWARE Data Space components

- The WG meets regularly on a weekly basis - wish to join us? just contact us

- A FIWARE Community on Discord has been configured (still in testing mode) for enabling instant exchange and discussion with the experts - don't hesitate to join us on Discord channels linked to data spaces:

  - #data-space-connector

  - #trust-and-decentralized-iam

- Check-out series of webinars on FIWARE Data Space components available on the FIWARE channel on YouTube
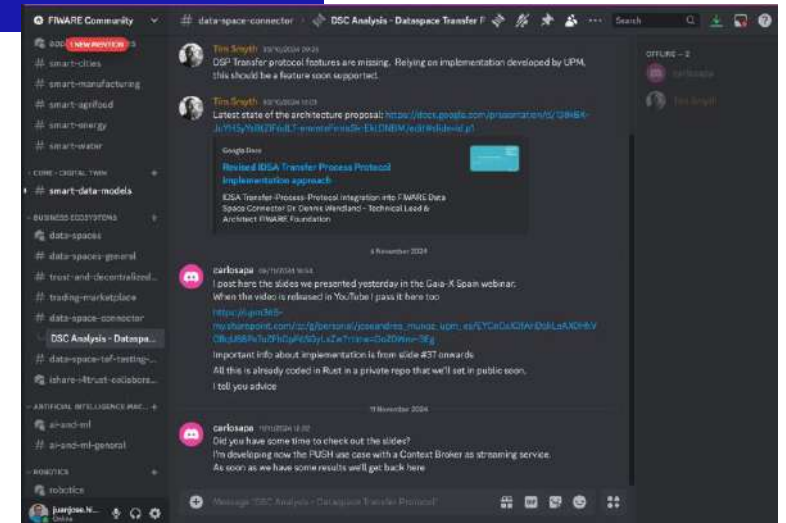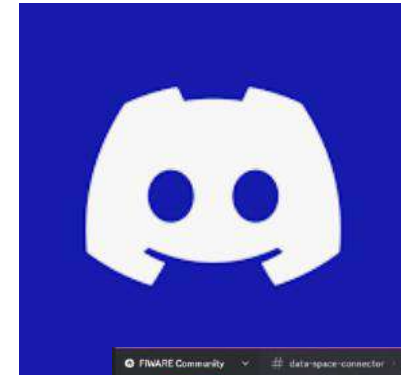
Sounds nice? - Contact us!

http://fiware.org
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