

SUCCESS CASE 50.2025

DATADIS

NEAR REAL TIME DATA ACCESS



SUMMARY

Datadis is a shared platform between Spanish DSOs, which provides single national access to consumption metering data for more than 29 million customers. This platform simplifies access to metering data as customers no longer need to register separately with each DSO website. Moreover, Datadis also provides statistical reports on historical consumption by region or municipality.

OBJECTIVE

Instead of registering separately with each DSO website, DATADIS offers unified national access to metering data. Customers with more than one building have their data consolidated under a single access point. For suppliers or public institutions, DATADIS also enables centralised access to metering data. The platform further provides transparency on aggregated historical metering data.

RESULTS OR IMPACT

Three years of aggregated consumption and contract data are available. Information from 29 million meters is accessible to customers with electricity consumption. Three predefined types of reports containing relevant information are created monthly.

POLICY CONTEXT OR FRAMEWORK

In Spain, the access to near real-time metering and consumption data for customers is already guaranteed through remote access, as stated in Art. 20 (a) of Directive (EU) 2019/944. No additional interfaces are needed: customers can access their metering and consumption data through smartphones, computers or other similar electronic devices.

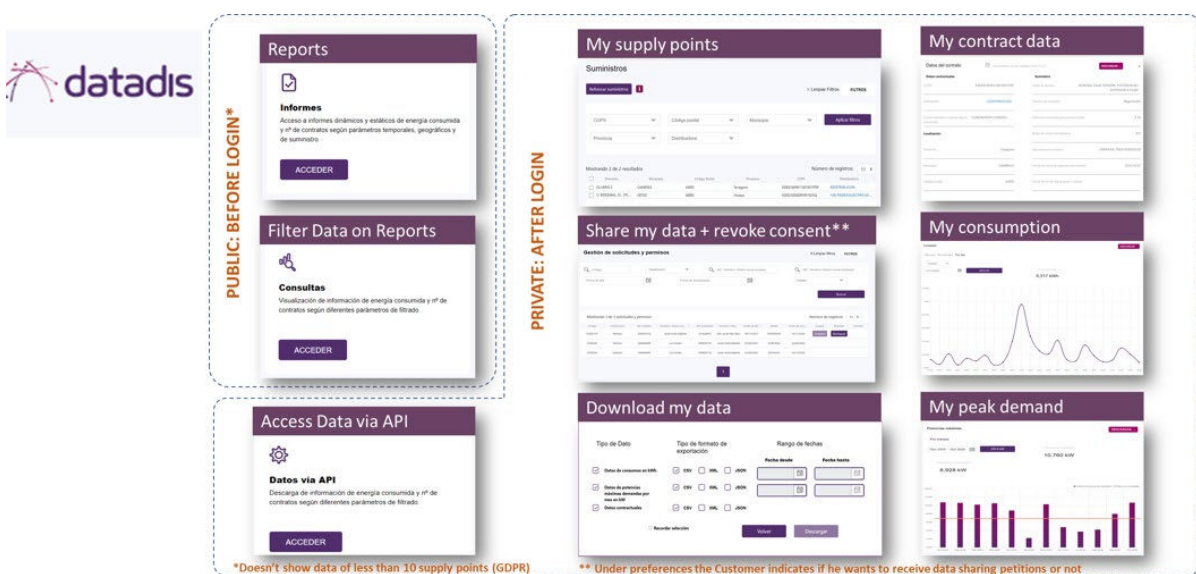
Although there is no regulatory mandate yet, DSOs are already providing this data, anticipating the future implementation of the IA on interoperability and data access. The process is based on remote communication between the customers (or eligible parties) and the dedicated DSO platforms and constitutes an effective and efficient system as it does not impose additional costs on either customers or the system, unlike installation-based schemes requiring in-home displays or devices.

ADDITIONAL NOTES/COMMENTS

Regarding data privacy, customer access to their data is made in a secure way and without intermediaries: data flow directly from the meter to the customer. DSOs operate smart meters and provide essential services based on European and national legal obligations. Data collected through smart meters, especially consumption data, are covered by the scope of GDPR and protected by DSOs.

The process ensures that customers can give access to eligible parties in an easy and secure way.

It constitutes an open solution which prevents users from being locked in a specific technology provider (e.g. it allows switching between energy service providers without any cost to the customer).



The screenshot displays the Datadis web application interface, divided into two main sections: PUBLIC (before login) and PRIVATE (after login).

PUBLIC: BEFORE LOGIN*

- Reports**: Includes a section for "Informes" (Reports) with a description: "Acceso a informes diarios y estadísticas de energía consumida y nº de contratos según parámetros temporales, geográficos y de suministro." and an "ACCEDER" button.
- Filter Data on Reports**: Includes a section for "Consultas" (Queries) with a description: "Visualización de información de energía consumida y nº de contratos según diferentes parámetros de filtro." and an "ACCEDER" button.
- Access Data via API**: Includes a section for "Datos via API" with a description: "Descarga de información de energía consumida y nº de contratos según diferentes parámetros de filtro." and an "ACCEDER" button.

PRIVATE: AFTER LOGIN

- My supply points**: A section for managing supply points, including a table with columns for ID, Name, Address, and Status.
- Share my data + revoke consent****: A section for managing data sharing permissions, including a table with columns for ID, Name, Address, and Status.
- Download my data**: A section for downloading data, including a table with columns for ID, Name, Address, and Status.
- My contract data**: A section for viewing contract details, including a table with columns for ID, Name, Address, and Status.
- My consumption**: A section for viewing consumption data, including a line graph showing consumption over time.
- My peak demand**: A section for viewing peak demand data, including a bar chart showing peak demand over time.

*Doesn't show data of less than 10 supply points (GDPR)

** Under preferences the Customer indicates if he wants to receive data sharing petitions or not