Open data for citizen participation and transparency

What need was solved?
The Office for Public Participation and Transparency of the city of Zaragoza needed to improve the way in which they published their open data, moving from a 3-star open data sharing in their open data catalogue and open data API into a 5-star open data sharing, according to the 5-star model for open data publication from Tim Berners-Lee. For this, they needed support to enable their open data API to publish RDF in the RDF/XML, Turtle and JSON-LD formats, as well as consultancy on the development of ontologies on which such data may be based.

What services were provided?
UPM provided two different types of services: ontology development for smart cities, focusing on the ontologies and vocabularies that can be used for the publication of open data in 4 and 5 star formats; and improvement of the legacy source code used in the open data API of Zaragoza so as to enable the creation of annotations to generate RDF in different formats.

The relation with digitization
Thanks to this service, the city council now offers a good number of datasets using an enriched API that allows combining different datasets that were previously isolated. The existing database that modelled the internal data model from the city council is now RDF-enabled and better integrated.

Customer
City of Zaragoza. Office of Public Participation and Transparency. www.zaragoza.es Spain