D4A Solution – link between VertiGIS and powerBI

Name of your institution and contact	Traffic <of> data – BE Pilot **Intercommunale Leiedal – Inge Wydhooge** **City of Kortrijk – Simon Stock**
Place of the implemented solution	South-West-Flanders
Implementation level (e.g. internal, municipal, intercommunal, regional)	Intercommunal (South-West-Flanders)
Dimension	• Technical
Subdimension	• Interoperability • Data management
Problem	To visualize and analyze data we've chosen to combine different tools: a 'geoloket' (geo tool) + an analysis module (power BI dashboard). Both tools (geo tool and power BI dashboard) are already well-known and used within the municipalities. Both tools have their strengths and limitations: . 1) a 'geoloket' (geo tool): good visualization options (+ used by different experts within municipalities > many other relevant data sets available for combining with traffic data) 2) an analysis module (power BI dashboard): very good for in-depth analysis of data, drilling etc.
Solution	By providing a link to powerBI from specific data points within the geo tool, a very smooth transition between both tools is possible, amelioration the ease of use for the people working with the platform. To achieve this, a string parameter was added to the Power-BI url to enable filtering. In our solution, we filter based on a single field. It is important to note that filtering is only possible on an attribute with the data type 'text'.
Feedback	The solution makes it possible to combine the strengths of both tools.
Costs	No costs
Links	Filter a report using query string parameters in the URL - Power BI | Microsoft Learn