

**GEOJUNXION**



**PREMIUM LOCATION-AWARE CONTENT**

ECO ALERT ZONES

**>** PRODUCT DATASHEET

High Alerts Zones Suite

The API provides aggregated information about areas that either restrict access or require the payment of a fee to access the area. These zones have been created in order to lower pollution levels and improve air quality. For instance, the City of London levies a fee charged on most passenger cars and motor vehicles driven in the Congestion Charge Zone within Central London between 07:00 to 22:00 seven days a week

Many environmental zones carry different badges and costs. With this API, you will know what is required before entering them. When available, we have also included the price based on when the fee is paid.

Please note that this API only includes environmental zones for vehicles up to 3.5T.

**KEY FEATURES**

- Geometry digitized to highest resolution
- Time applicability populated according to vehicle type
- Information provided both in English and local language
- Permit badges, fees and penalties shown in local currency

**TYPICAL USE CASES**

This API can be integrated into navigation systems to create a warning, advising drivers they are entering an environmental zone. It can help them to determine which badge they might need in order to avoid penalties. Furthermore, it will make deciding on where to park outside of the zone easier if they want to avoid paying the fee. Car rental or fleet management companies can also calculate the cost for each journey and touring companies can inform customers ahead of time regarding the requirements for a forthcoming trip.

**BENEFITS**

- Consistent and complete map agnostic information in one single source or database
- Authoritative data for official environmental and congestion zones researched and checked by the GeoJunxion team
- Complete overview including the exact zone geometry and the detailed attributes such as: Name, Location, Type of Zones, when active, fee and penalty, type of emission standards accepted, vehicle type it applies to
- Daily updates and checks
- Text both in English and local language

**DELIVERY FORMATS**

API (The data is also available as datasets in ShapeFile or other formats)

**PROJECTION**

The global projection system used in GeoJunxion data is in decimal degrees (latitude and longitude) with WGS84 as datum, according to the ellipsoid model used for computations.

**CHARACTER SET**

The Unicode character-set used in the names is in UTF-8.

**COVERAGE**

Europe – 440+ Zones  
Austria\*, Belgium, Belarus\*, Czech Republic\*, France, Germany, Greece\*, Hungary\*, Malta\*, Poland\*, Portugal, Italy \*, Netherlands, Norway, Spain, Sweden, Switzerland\*, UK  
North & South America – 4+ zones as of July 2020  
Argentina\*, Brazil\*, United States\*, Mexico\*  
Asia – 2+ zones as of July 2020  
Indonesia\*, Singapore\*

*(\* Coverage is improving daily, those countries are expected to be completed in Q4 2020 latest.*



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