

A European Brewer Network: Web Tools for Ozone Data Process and Configuration Interface

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COST is supported by the EU Framework Programme Horizon 2020



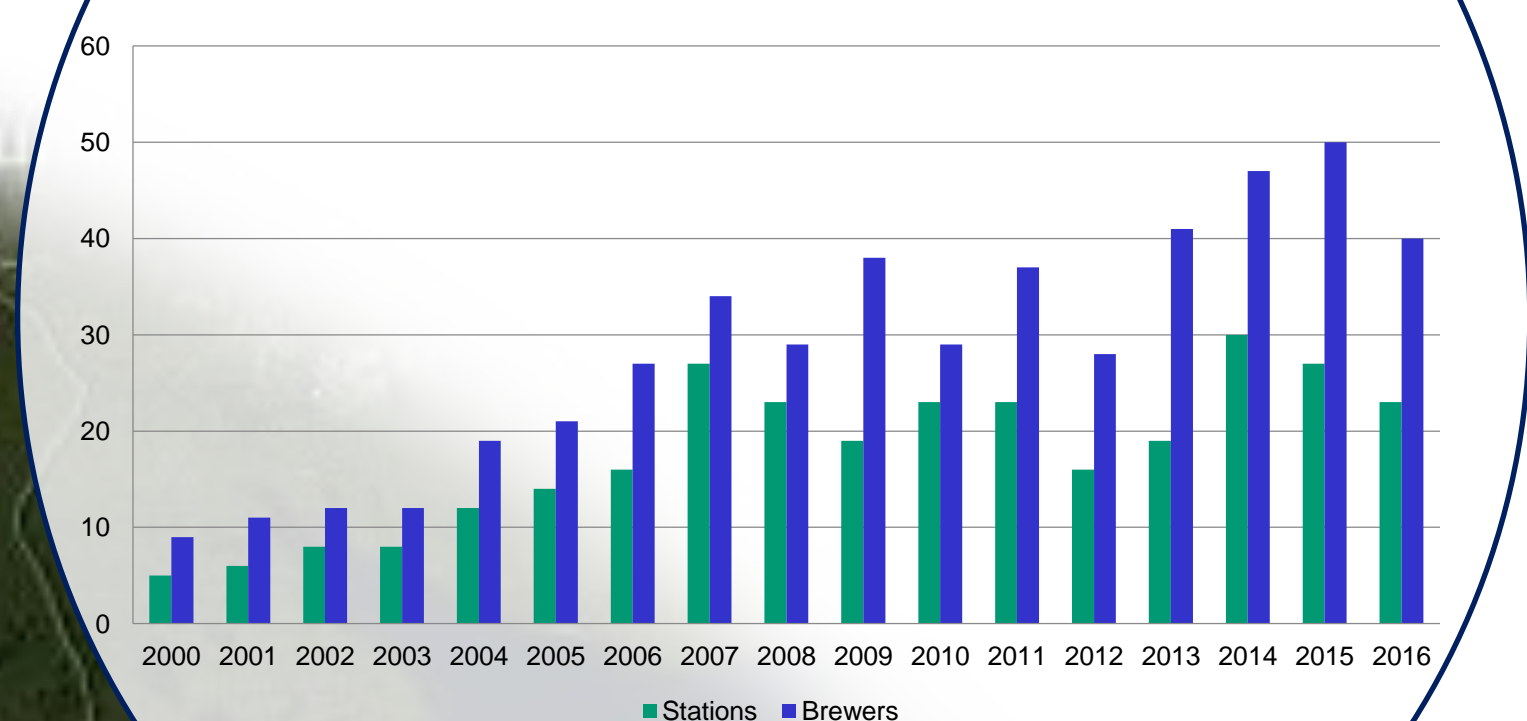
What's the Eubrewnet?

- The Eubrewnet is a **Federal Network** with more than **40 Brewer Spectrophotometers** located in Europe and its Neighbourhood. Its aim is to coordinate the measurements of **O₃, UV and AOD** from the different Meteorological Services trying to avoid duplicated efforts and granting an homogeneous data source capable of providing high quality products to international agencies and other networks globally.

What does the Eubrewnet offer?

- The Eubrewnet offers products generated by a Standardized Process
- Product Selection by Station or Brewer
- Different data levels:
 - Level 1.0:** Observations (Recalculation using introduced Configurations by users)
 - Level 1.5:** Observations + Corrections + Filters (Near Real Time)
 - Level 2.0:** High Quality product after Configuration validation during Calibration Campaigns

Station and Brewers vs Year

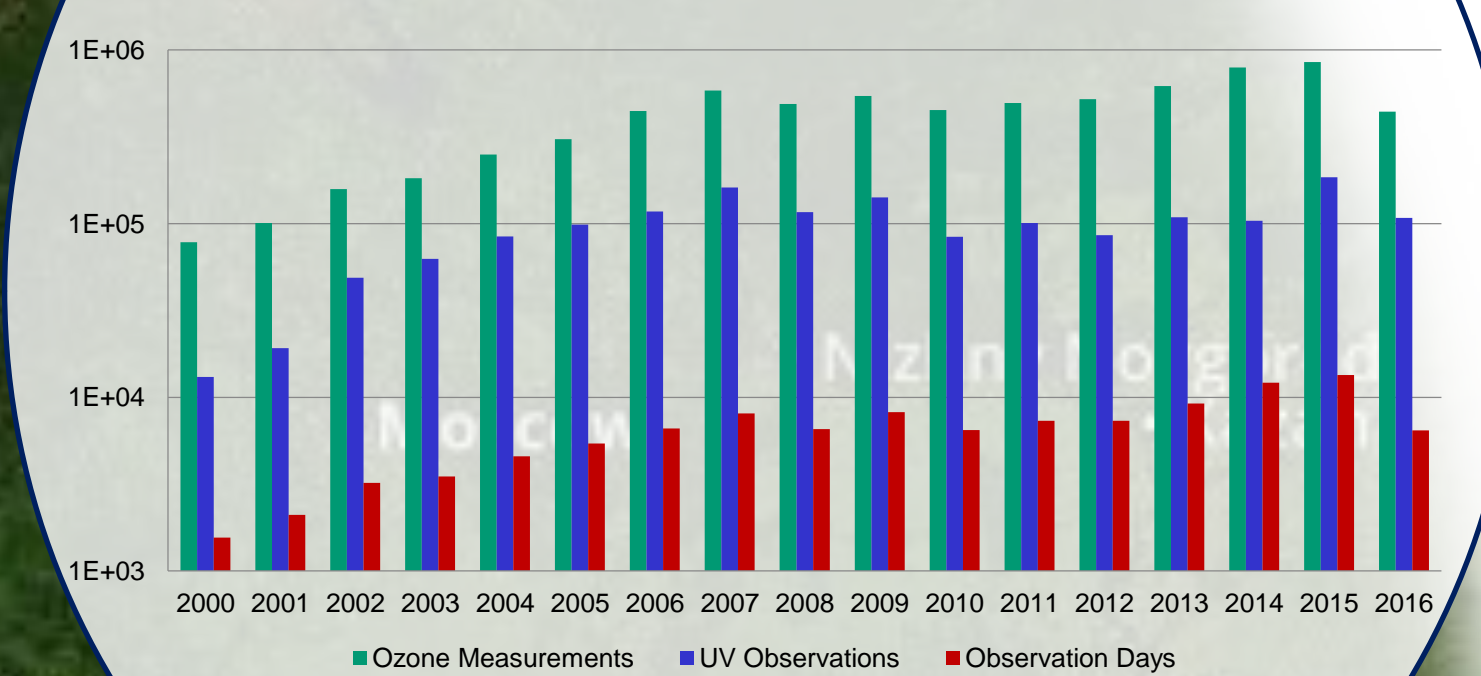


How to get the data?

- PI are responsible of their data**
- Download for registered users
- Yearly, monthly and daily files following the links in the Station Map
- More options for the project members as access to the database to the data providers
- Different formats: JSON, CSV, text...

The Eubrewnet in numbers

Brewer Measurements vs Year



Join the Eubrewnet

<http://www.eubrewnet.org>
<http://rbcce.aemet.es/eubrewnet>
eubrewnet@aemet.es



Where is it located?

- The Eubrewnet consists of more than **25 stations** placed in **4 Continents**
- More than **20 countries** are sending data: Spain, Portugal, Italy, Greece, Switzerland, Belgium, Germany, Denmark, Finland, Sweden, Czech Republic, Slovakia, Hungary, Ireland, United Kingdom, Turkey, Russia, Algeria, Australia and Argentina.
- Poland will be part of the Network soon

- Configuration Web Interface
- Brewer Operator Oriented
 - Based on the **World Radiation Center, Regional Brewer Calibration Center for Europe, International Ozone Services and Kipp & Zonen Calibration Campaigns**
- Quality and Traceability
- Automatic Processing

How does it work?

