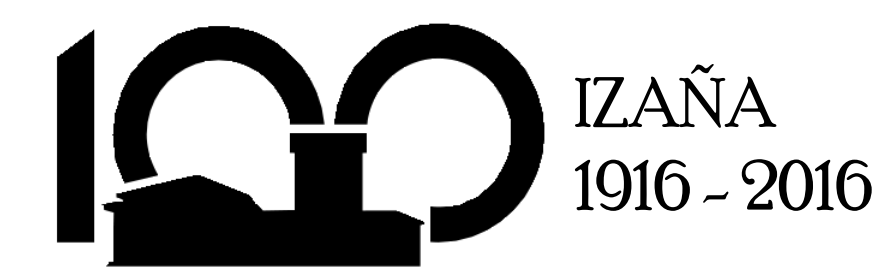


B. Hernández-Cruz,<sup>1,2</sup> A. Redondas,<sup>2</sup> M. Rodríguez Valido,<sup>1</sup> J. López-Solano,<sup>1,2</sup> S. F. León-Luis,<sup>2</sup> V. Carreño,<sup>2</sup> A. Berjón,<sup>1,2</sup> D. Santana-Díaz,<sup>1,2</sup> J. Rimmer,<sup>3</sup> J. Gröbner,<sup>4</sup> I. Fountoulakis,<sup>5</sup> T. Karppinen,<sup>6</sup> and H. Diémoz<sup>7</sup>

<sup>1</sup>Departamento de Ingeniería Industrial, Universidad de La Laguna, Tenerife, Spain, <sup>2</sup>Regional Brewer Calibration Center Europe, Izaña Atmospheric Research Center, Agencia Estatal de Meteorología, Tenerife, Spain, <sup>3</sup>Manchester University, Manchester, United Kingdom, <sup>4</sup>Physikalisch-Meteorologisches Observatorium Davos/World Radiation Center, Davos, Switzerland, <sup>5</sup>Laboratory of Atmospheric Physics, Aristotle University of Thessaloniki, Thessaloniki, Greece, <sup>6</sup>Finnish Meteorological Institute, Sodankyla, Finland, <sup>7</sup>Agencia Regionale per la Protezione dell'Ambiente, Aosta Valley, Italy



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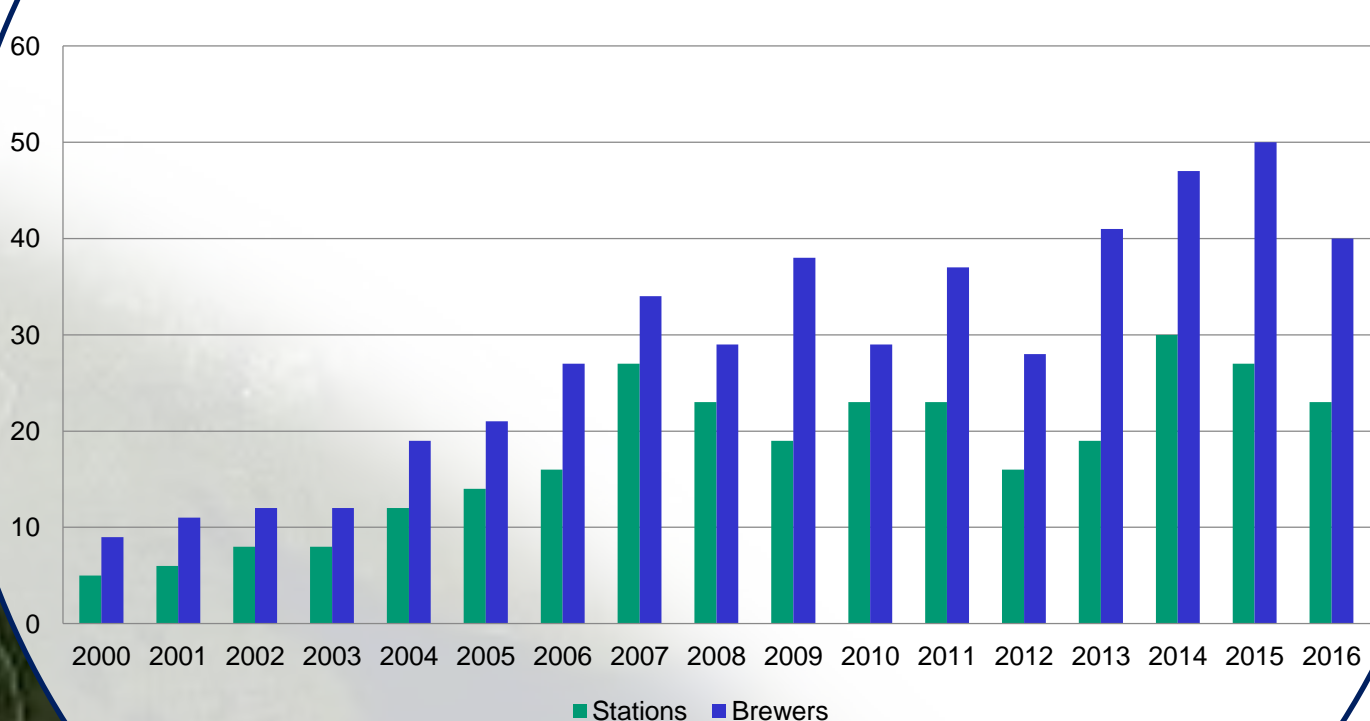
## What's the Eubrewnet?

- 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 **O<sub>3</sub>, 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

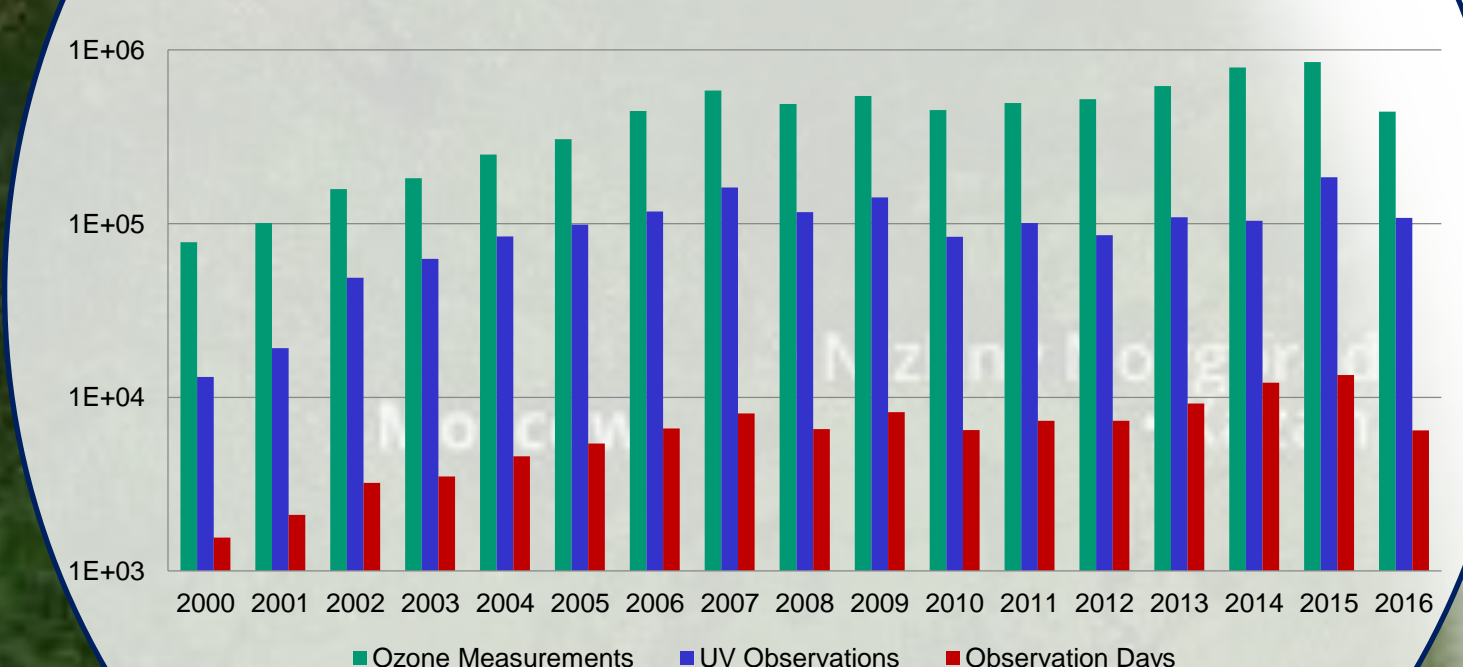


## How to get the data?

- 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...

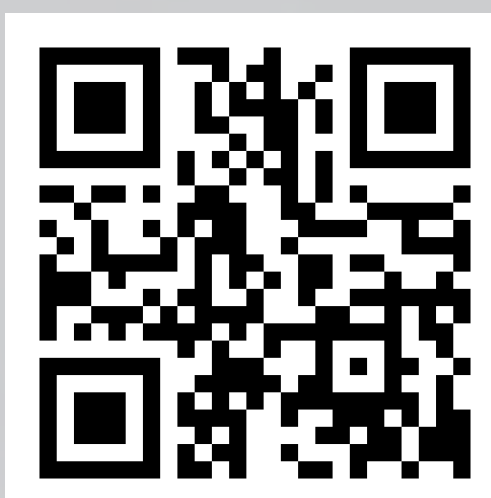
## The Eubrewnet in numbers

### Brewer Measurements vs Year



## Join the Eubrewnet

<http://www.eubrewnet.org>  
<http://rbcce.aemet.es/eubrewnet>  
[eubrewnet@aemet.es](mailto: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?

