

The Air Quality Portal

EUROPEAN AIR QUALITY PORTAL

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Following the Covid-19 virus outbreak, we are working remotely. We are doing our best to be operational and carry out our work as before.

This portal contains technical details and services that facilitate the reporting of official air quality information from EU Member States and other EEA member and co-operating countries. This information is submitted according to Directives 2004/107/EC and 2008/50/EC of the European Parliament and of the Council. The rules for this exchange are set out in the [Commission implementing decision 2011/850/EU](#). The portal is maintained by the European Environment Agency (EEA).

Officially published air quality information is available through the [website of the EEA](#).

Comments and suggestions on this website should be addressed to the [AQ IPR helpdesk](#).

Disclaimer: This site includes information provided by the United Kingdom in line with the provisions laid down by the EU-UK Withdrawal Agreement.

Old portal

LATEST NEWS

Next IPR meeting – AIDE viewers 7th
October 2021

New modelling viewer 18th May 2021

Two additional table viewers 26th April
2021

New table viewers 17th April 2021

Important notice: System Upgrade 27th

IMPORTANT DOCUMENTS

AQ Directive 2008/50/EC

**4th Daughter Directive
2004/107/EC**

**Commission Directive (EU) 2015/1480
amending Directives 2004/107/EC
and 2008/50/EC**

IPR Decision 2011/850/EU

LINKS

EC Ambient Air Quality web pages

EC CIRCABC

EEA Air Pollution data centre

ETC/ATNI

EIONET account information

SEARCH

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ARCHIVES

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European AQ Portal



The European Air Quality (AQ) Portal is dedicated to the Air Quality e-Reporting system established by the European Commission (EC) and run by the European Environmental Agency (EEA). It contains technical details and services that facilitate the reporting of official air quality information from EU Member States and other EEA member and co-operating countries. It also provide access to different tools which allow to visualize the collected data and statistics as well as to download them.

More details about the Air Quality e-Reporting (about, what, when) are accessible through the pictures below.

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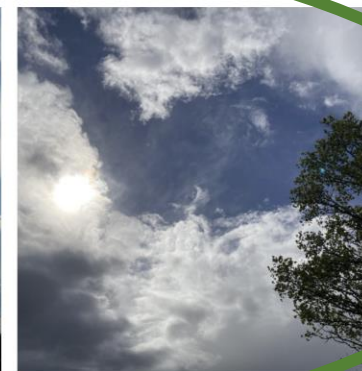
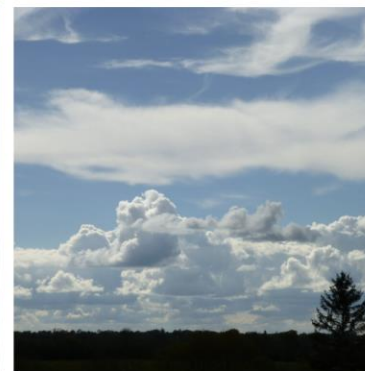
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New portal

<https://eeadmz1-cws-wp-air02.azurewebsites.net>

Meetings with external participants continue to be held via online platforms until further notice.



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About Air Quality e-Reporting

Read More



EEA - European Air Quality Portal



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About Air Quality e-reporting

Home > About Air Quality e-reporting

EEA - European Air Quality Portal

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European AQ Portal



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More details about the Air Quality e-Reporting system, what, where and how to use it through the pictures below.




The portal is maintained by the European Environment Agency (EEA).

Recent

The site includes information provided by the United Kingdom on the air quality information that flows to the EEA and the European Commission.

2022-10-16 update

Meetings with national participants continue to be held via video platforms and further action.



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The present Air Quality e-Reporting has been established under **Directive 2008/50/EC** of the European Parliament and of the Council of 21 May 2008 on ambient air quality and cleaner air for Europe. It is in fact the continuation and extension of previous reciprocal exchange of data and information on air quality established by three previous European Decisions (75/441/EEC, 82/549/EEC and 97/101/EC). The reporting obligations also applies to **Directive 2004/107/EC** of the European Parliament and of the Council of 21 May 2008 of 15 December 2004 relating to arsenic, cadmium, mercury, nickel and polycyclic aromatic hydrocarbons in ambient air. These two Directives have been amended by **Directive 2015/1480**.

In its Article 27, the Air Quality Directive 2008/150/EC requires that *"Member States shall ensure that information on ambient air quality is made available to the Commission within the required timescale as determined by the implementing measures referred to in Article 28(2)."*

The Article 28(2) states that *"(t)he Commission shall ...determine the additional information to be made available by Member States pursuant to Article 27 as well as the timescales in which such information is to be communicated. The Commission shall also identify ways of streamlining the way data are reported and the reciprocal exchange of information and data from networks and individual stations measuring ambient air pollution within the Member States ..."*.

In other words, the principle of the Air Quality e-Reporting is established by the Directive 2008/50/EC while the technical and practical modalities are to be fixed in a subsequent legal instrument.

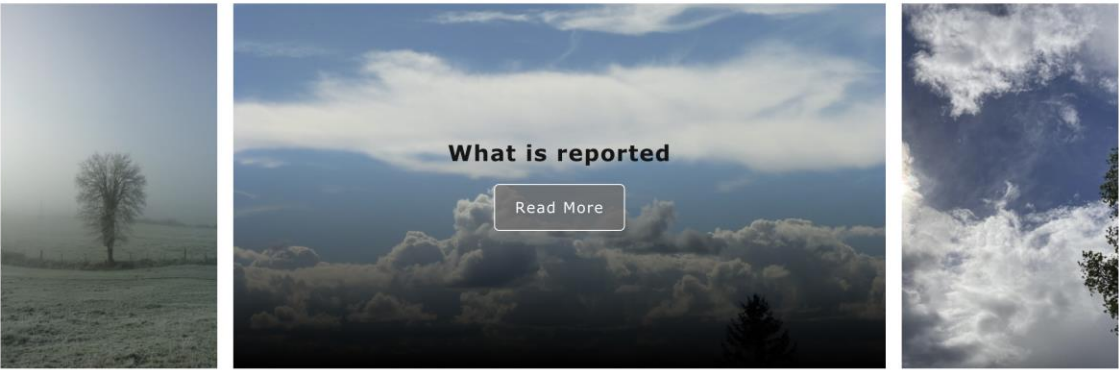
This is the object of the Commission **Implementing Decision 2011/850/EU** (also known as the IPR Decision" of 12 December 2011 laying down rules for Directives 2004/107/EC and 2008/50/EC of the European Parliament and of the Council as regards the reciprocal exchange of information and reporting on ambient air quality.

In practice the IPR Decision fixes the nature and content of data and information to be reported, the formats and encoding to be followed as well the reporting time schedules.

Directive 2008/50/EC	Directive 2004/107/EC	Directive 2015/1480	Decision 2011/850/EU

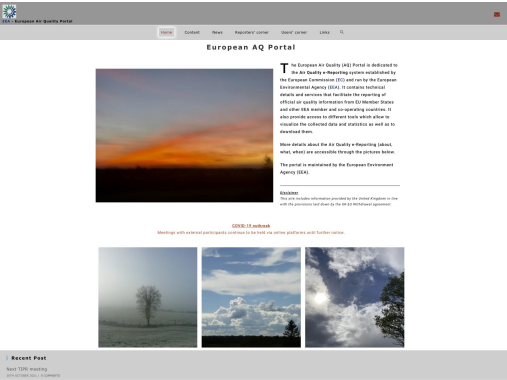
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What is reported

[Home](#) > [What is reported](#)

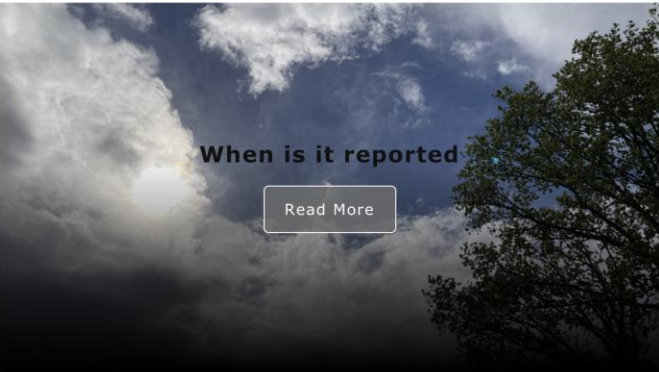


The Air Quality e-Reporting system is organised around 14 inter-connected dataflows lettered from B to K. These dataflows correspond to different reporting obligations (ROD) as listed in the table below. **ROD** is the EEA's reporting obligations database. It contains records describing environmental reporting obligations that countries have towards international organisations. It includes all environmental reporting obligations that EEA member countries have towards DG environment, European marine conventions, Eurostat, OECD, UN, UNECE, as well as the EEA itself. To learn more about ROD, the status of the contents and the intended users, please check out the [general help](#) section.

In generating the necessary data files corresponding to these dataflows or RODs, the countries must meet the content requirements laid down in the Air Quality Directive and the Implementing Decision.

Please note that not all the reporting countries have to report on all data flows. As the Air Quality Directive applies only to the EU Member States and to the European Economic Area (**EEA**) agreement countries (Iceland, Liechtenstein and Norway), the other countries are not bound to report on all data flow. For these "third" countries, the reporting scope depends on the status towards the EU (e.g. the West Balkans countries engaged in the accession process) or to specific agreements.

B	Information on zones and agglomerations (Article 6)	ROD 670
pB	Preliminary (Year + 1) information on zones and agglomerations (Article 6)	ROD 693
C	Information on the assessment regime (Article 7)	ROD 671
pC	Preliminary (Year + 1) information on the assessment regime (Article 7)	ROD 694
D	Information on the assessment methods (Articles 8 and 9) – fixed and indicative measurements	ROD 672
D1b	Information on the assessment methods (Articles 8 and 9) – models and objective estimation	ROD 742
E1a	Information on primary validated assessment data – measurements (Article 10)	ROD 673
E1b	Information on primary validated assessment data – modelled (Article 10)	ROD 674
E2a	Information on primary up-to-date assessment data (UTD) – measurements (Article 10) – <i>data to be provided via ftp</i>	ROD 675
G	Information on the attainment of environmental objectives (Article 12)	ROD 679
H	Information on air quality plans (Article 13)	ROD 680
I	Information on source apportionment (Article 13)	ROD 681
J	Information on the scenario for the attainment year (Article 13)	ROD 682
K	Information on measures (Articles 13&14)	ROD 683




When is it reported

> When is it reported

EEA - European Air Quality Portal

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European AQ Portal






The European Air Quality (AQ) Portal is dedicated to the European Commission (EC) and run by the European Environment Agency (EEA). It contains technical data and provides the European Commission with official air quality information from its Member States and other data sources and reporting systems. It also provides access to different tools which allow to monitor the air quality data and reports as well as to download them.

More details about the Air Quality Reporting system, what, where and how to use the portal are provided through the pictures below.

Related:
The site includes information provided by the United Kingdom on the air quality monitoring and data for the United Kingdom government.

Q&A - 13 October

Meetings with national participants continue to be held via video platforms with further action.



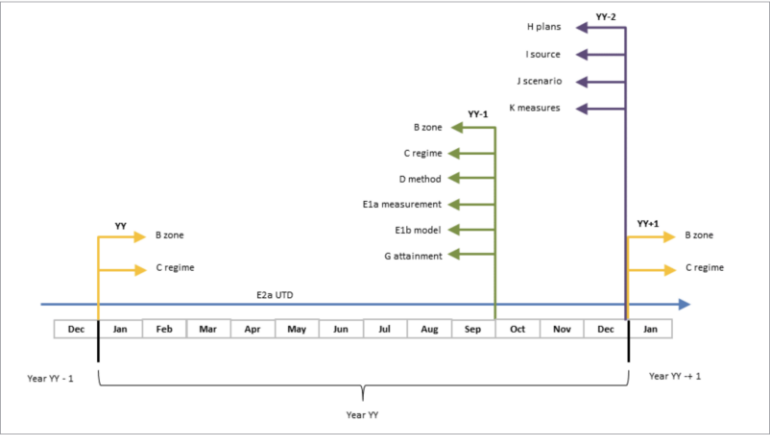
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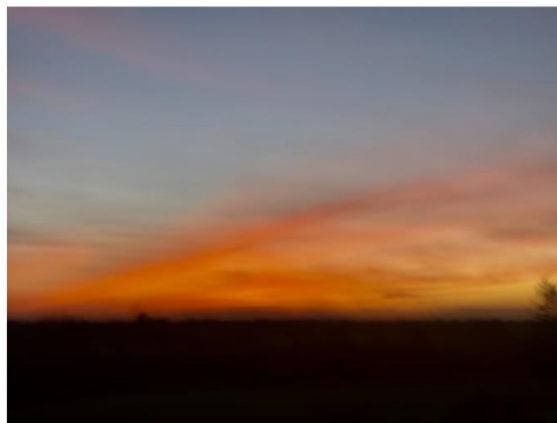
Submissions are organised in four separate "packages":

1. The first package includes data flows B and C containing information on zones and assessment regimes which will be applied for the next coming year YY+1. The deadline for submission is 31 December of year YY.
2. The second package concerns the monitoring done over the previous year YY-1 with the associated data flows B, C, D, E1a and E2a on zones, assessment regimes, networks and stations as well as measurement and model results. This package must also include dataflow G concerning the attainment of environmental objectives during the year YY-1. This delivery must be done by 30 September of year YY.
3. The package including the data flows H to K concern plans and programmes adopted and implemented in year YY-2 in case exceedances were observed. Deadline for this package is 31 December of year YY.
4. The last package is specific and deals with unvalidated measurement data or UTD data (E2a). These data are transmitted throughout the year via ftp.





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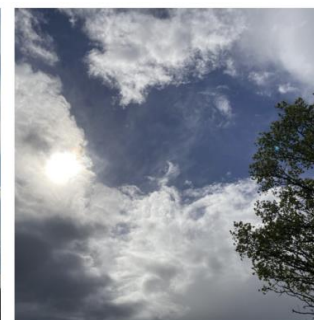
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COVID-19 outbreak

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Content

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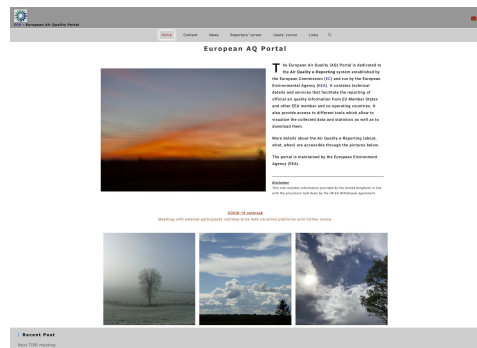
This new European Air Quality (AQ) Portal is replacing the old version of the portal. This last one is not maintained and updated anymore.







The Portal is dedicated to the **Air Quality e-Reporting** system established by the European Commission (EC) and run by the European Environmental Agency (EEA).

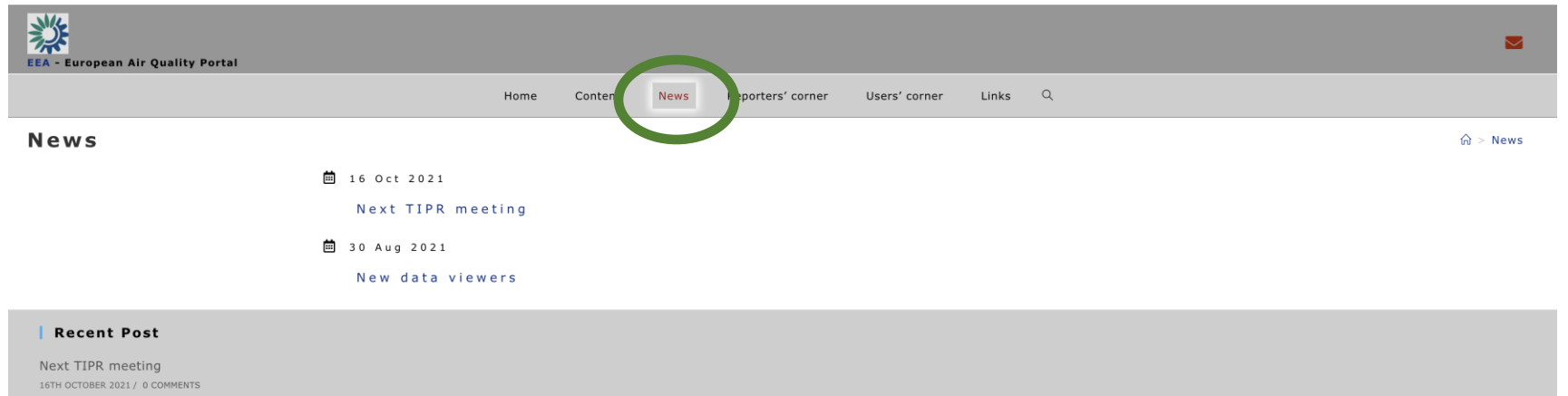
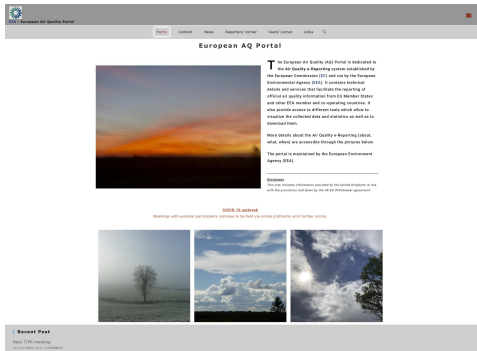
It is sub-divided into 6 sections:

- The **'Home'** section presents background information about AQ eReporting. This includes:
 - the legal framework for the e-reporting in **'About Air Quality e-reporting'**
 - the technical description of the e-reporting scope in **'What is reported'**
 - the general timeline for e-reporting in **'When is it reported'**
- The present **'Content'** section.
- The **'News'** section presents the posts and news which have been published after 18th May, date of the last post on the old portal.
- The **'Reporters' corner'** section summarises and allow access to the different tools and documents necessary for the official national data reporters within the participating countries to perform their reporting tasks. More generally, it offers a deep insight into the system and how it operates.

The section is sub-divided into 9 categories illustrated by specific icons.



Commission guidance 	Documents elaborated by the European Commission, describing in details data and information to be reported.	How is your submission aggregated 	Document describing how data (measured values) are aggregated to generate statistics.
Formatting your submission 	Documents describing how data should be organised and structured within XML files, format to be used in the frame of the AQ eReporting.	Follow and verify your submission and its processing 	Presenting a set of tools which allow to verify the proper functioning of the system once the necessary files have been delivered, once a year, to the EEA. It includes an integrated package with the main elements to be taken into consideration for follow-up.
Using PaPeRS, the tool to generate files for plans and programmes (H to K) 	Reporting on plans and measures can also be done using a specific software called PaPeRS developed by JRC-Ispra. This sub-section contains all necessary links to understand its functioning and how to download it.	Follow and verify your UTD submissions 	Presenting a set of tools which allow to verify the proper functioning of the system once up-to-date or near real time data, reported every hour, have been delivered to the EEA.



Reporters' corner

[Home](#) > [Reporters' corner](#)

Commission guidance



IPR guidance – Part I



IPR guidance – Part II



MS and EC's Common Understanding (part I)



Formatting your submission



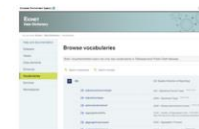
User guide for B to G data flows



User guide for H to K data flows



Code lists



Using PaPeRS, the tool to generate files for plans and programmes (H to K)



PaPeRs for H to K



Submit your files



Submission procedure



Repository



Quality checks of your submission



Quality checks on submission

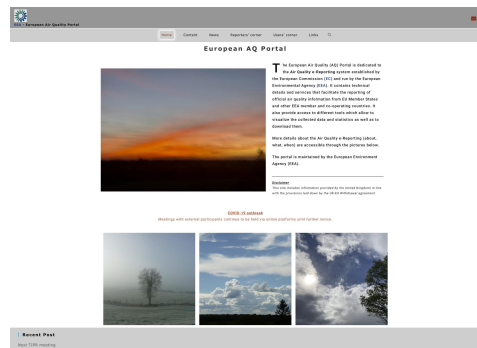


Checks and validation of zone geometries



How is your submission aggregated

Aggregation



Users' corner

[Home](#) > [Users' corner](#)

Please note that the data/metadata tables e.g. 'Measurement (D – table)' can also be used to download data in complement to the download tools related to data flows E1 and E2a.

UpToDate data



UTD viewer



Air quality Index



Data viewer



Statistical data



Statistical viewer



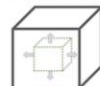
Measurement (D – table)

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100

Statistics (E1a – table)

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100

Modelled data



Modelling results viewer



Models

(D1b/E1b – table)

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100

Attainment data



Attainment map viewer



Attainment viewer

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100

Zones map viewer



Zones

(B – table)

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100
Belgium	Brussels	Brussels	100

Assessment regimes (C – table)

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100

Assessment regimes – methods (C – table)

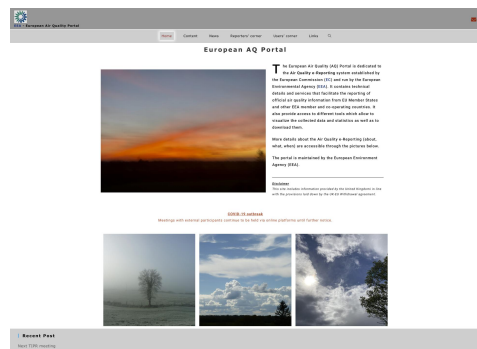
Country	City	Station	Measurement
Belgium	Brussels	Brussels	100

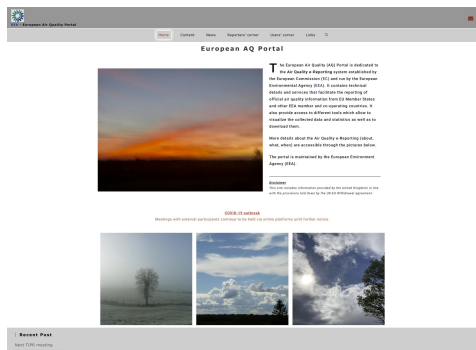
Attainment (G – table)

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100

Attainment – methods (G – table)

Country	City	Station	Measurement
Belgium	Brussels	Brussels	100





Links

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EEA portalAir Quality



European Commission – DG ENV Air



EIONET



ETC – Air Pollution,
Transport,
Noise and Industrial
Pollution – ATNI



Forum for Air Quality
Modeling
FAIRMODE



Network of Air Quality Reference
Laboratories – AQUILA



Copernicus – Atmosphere monitoring
service – CAMS

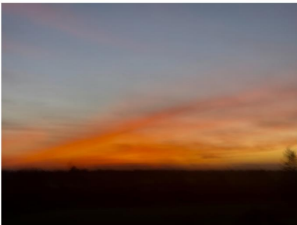


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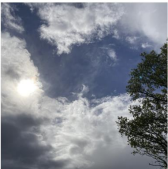
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Aa



Helvetica

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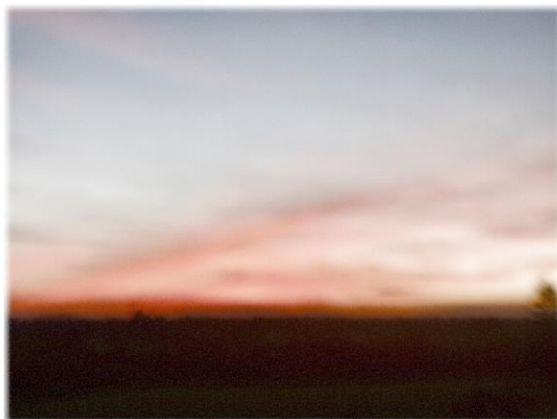
To: aqpr.helpdesk@eionet.europa.eu

Cc:

Subject:



European AQ Portal

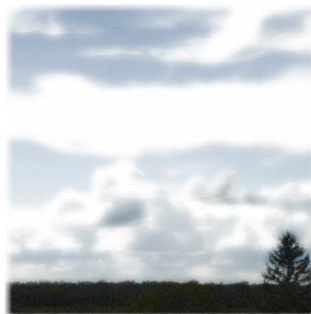


The European Air Quality Portal is a platform for the public to access information on air quality in Europe. It provides a central point of access to a wide range of data, including real-time air quality measurements, historical data, and information on air quality management plans. The portal also offers a range of tools and resources to help users understand air quality and its impact on health and the environment. The portal is available in multiple languages and is accessible to all citizens.

Thank you for your attention!

Comments and remarks to [AQ IPR helpdesk](#)

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