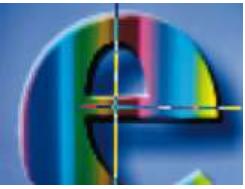




INZRAK

Enhanced environmental protection inspection for efficient control of air quality monitoring and of all entities under obligation within system of greenhouse gas emission allowance trading, in order to achieve better quality of air in Republic of Croatia



EKONERG

Energy research and Environmental Protection Institute



TOPIC 14: Delivering air quality data to EEA/EIONET

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

Ordinance on mutual information exchange and reporting on air quality and obligations for implementation of Commission's Decision 2011/850 / EU established the **competent authority and framework for implementation of Commission's Implementing Decision of 12 December 2011 on identifying the rules for Directives 2004/107/EZ i 2008/50/EC of the European Parliament and Council regarding mutual information exchange and reporting on air quality (2011/850/EU)** that prescribes e-Reporting on air quality.

The ordinance prescribes the tasks of **the Agency and other bodies** in relation to the **method, deadlines, content and data format and the way of data collection for mutual exchange of information and reporting on air quality assessment and management.**

Pursuant to the ordinance, the competent authority for the Implementation of the Commission's Decision 2011/850 / EU is the Croatian Environment and Nature Agency, HAOP (ex AZO).

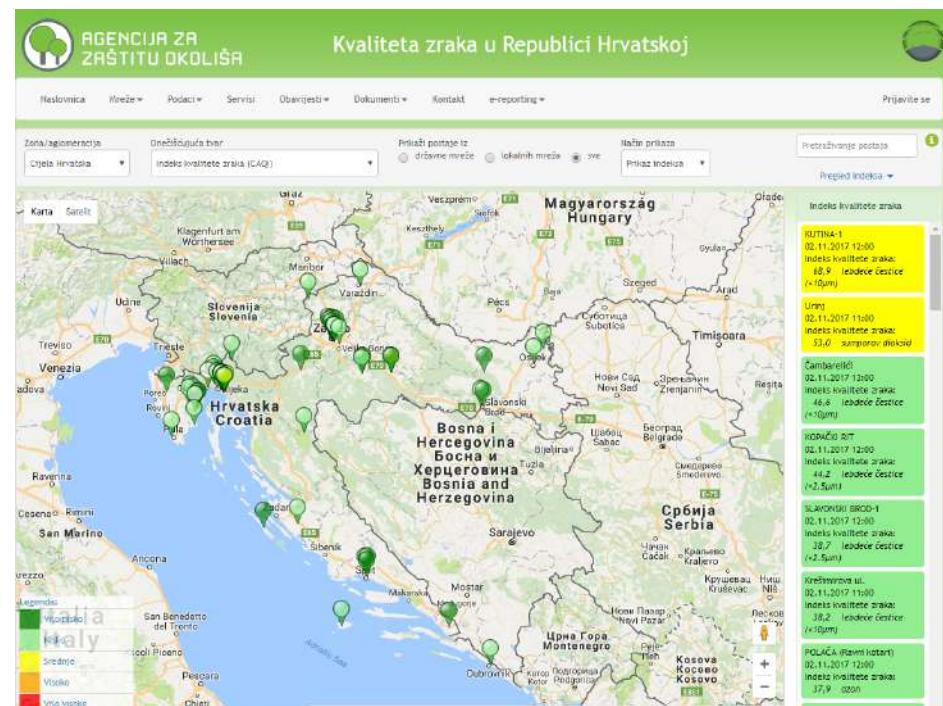
14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

To meet the goals of **e-Reporting** it is necessary to collect in the database and properly compile all the air quality data needed for exchange.

For this purpose, in 2014 the Agency developed and established the portal "Air Quality in the Republic of Croatia".

The Portal is located on the Agency's website and contains all data on concentrations of pollutants in the air measured in the whole territory of the Republic of Croatia.

<http://iszz.azo.hr/iskzl/index.html>



14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

The system (Portal) allows for submission of air quality information in a standardized data exchange (.xml) format to the repository of the European Commission and European Environment Agency in accordance with requirements of CAFE and INSPIRE Directives.

The portal fully meets the given criteria and enables complete delivery of all air quality data to the EC.

Thus the official air quality data (B - G) were submitted for the first time in the EC data repository in 2014 for the year 2013.

All data shall be submitted to the air protection information system in electronic form using the formats and protocols published by the Agency on its web site.

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

For information exchange and reporting on air quality assessment and management one uses data on concentrations of pollutants obtained by measurements on **measurement points specified in Articles 4 to 6 of the Regulation on the establishment of a list of measurement points for monitoring concentration of certain pollutants in the air and locations of monitoring stations in the national network for permanent air quality Monitoring (Official Gazette, No. 65/16)**.

In addition to concentrations of pollutants obtained through measurements at permanent measurement points, for reporting one can also use data obtained by **indicative measurements, modeling and objective estimation techniques**.

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

Data are delivered to CDR (Central Data Repository)

<http://cdr.eionet.europa.eu/hr/eu/aqd>

That can also be accessed by Europen Air Quality Portal

<http://eeadmz1-cws-wp-air.azurewebsites.net/>

Officially published information on air quality are available on EEA web site.

<https://www.eea.europa.eu/themes/air/dc>

Comments and suggestions on the above mentioned web site shall be addressed to AQ IPR helpdesk [AQ IPR helpdesk](#)

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

European Air Quality Portal contains technical details and services that facilitate reporting on official air quality information to EU member states and other EEA partner countries.

<http://eeadmz1-cws-wp-air.azurewebsites.net/>

The data are submitted in accordance with **Directives 2004/107 / EC and 2008/50 / EC** of the European Parliament and of the Council, and the rules for exchange are laid down in
Commission's Implementing Decision 2011/850 / EU.

Portal je razvila i održava ga **Europska agencija za okoliš (EEA)**.

The portal has been developed and maintained by the **European Environment Agency (EEA)**.

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

Data to be submitted to EC/EEA are:

- **Preliminary data**
 - **Preliminary data on zones and agglomerations (Preliminary B)** – those are the data on limits and types of zones and agglomerations that have been established and in which the air quality assessment and management will be carried out in the following calendar year - shall be submitted no later than **31 December each year for the next calendar year**
 - **Preliminary Data on Assessment System (Preliminary C)** – those are the data on the expected levels of pollution in relation to the upper and lower thresholds and how the air quality will be monitored in the next calendar year for each pollutant within a zone and agglomeration - shall be delivered no later than **31 December each year for the following calendar year**

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

- **Official data (for previous calendar year):**
 - **Zone and agglomeration data (B)** – those are the data on **limits** and types of zones and agglomerations in which the air quality assessment was carried out in the previous calendar year – they are submitted no later than **September 30** each year for the previous calendar year
 - **The assessment system data (C)** – those are the data on levels of pollution in relation to the upper and lower estimate thresholds and the method of air quality monitoring in the previous year for each pollutant within a given zone and agglomeration - to be submitted by September 30 at the latest for the previous calendar year

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

- **Official data (for previous calendar year):**
 - **Network and station data (metadata) (D)** – those are the data on measurement methods at constant measurement points, their quality and traceability, and the **applied indicative measurements** – they are submitted no later than September 30 each year for the previous calendar year
 - **Data on applied modeling techniques and / or objective estimates (metadata) (D1b)** - those are the data of **applied modeling methods** and **objective evaluation techniques** – they are submitted no later than September 30 each year for the previous calendar year

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

- Official data (for previous calendar year):

Original and validated data (E)

- **validated measurement data (E1a)** – they are submitted no later than September 30 each year for the previous calendar year
- modeling data (E1b) - are submitted no later than September 30 each year for the previous calendar year (if any)
- **modeling data (E1b)** – they are submitted no later than September 30 each year for the previous calendar year (if any)
- **Up TO Date (UTD)** metering data (E2a) – they are delivered continuously every hour (sometimes Near Real Time NRT data)

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

- **Official data (for previous calendar year):**

Statistical data (F) - not submitted but must be calculated in order to be able to determine exceedances and give an assessment

The assessment of pollution with exceedance of limit and target values (G) – those are the data on the achievement of environmental objectives (comparison with limit or target values) – they are submitted no later than **September 30** each year for the previous calendar year

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

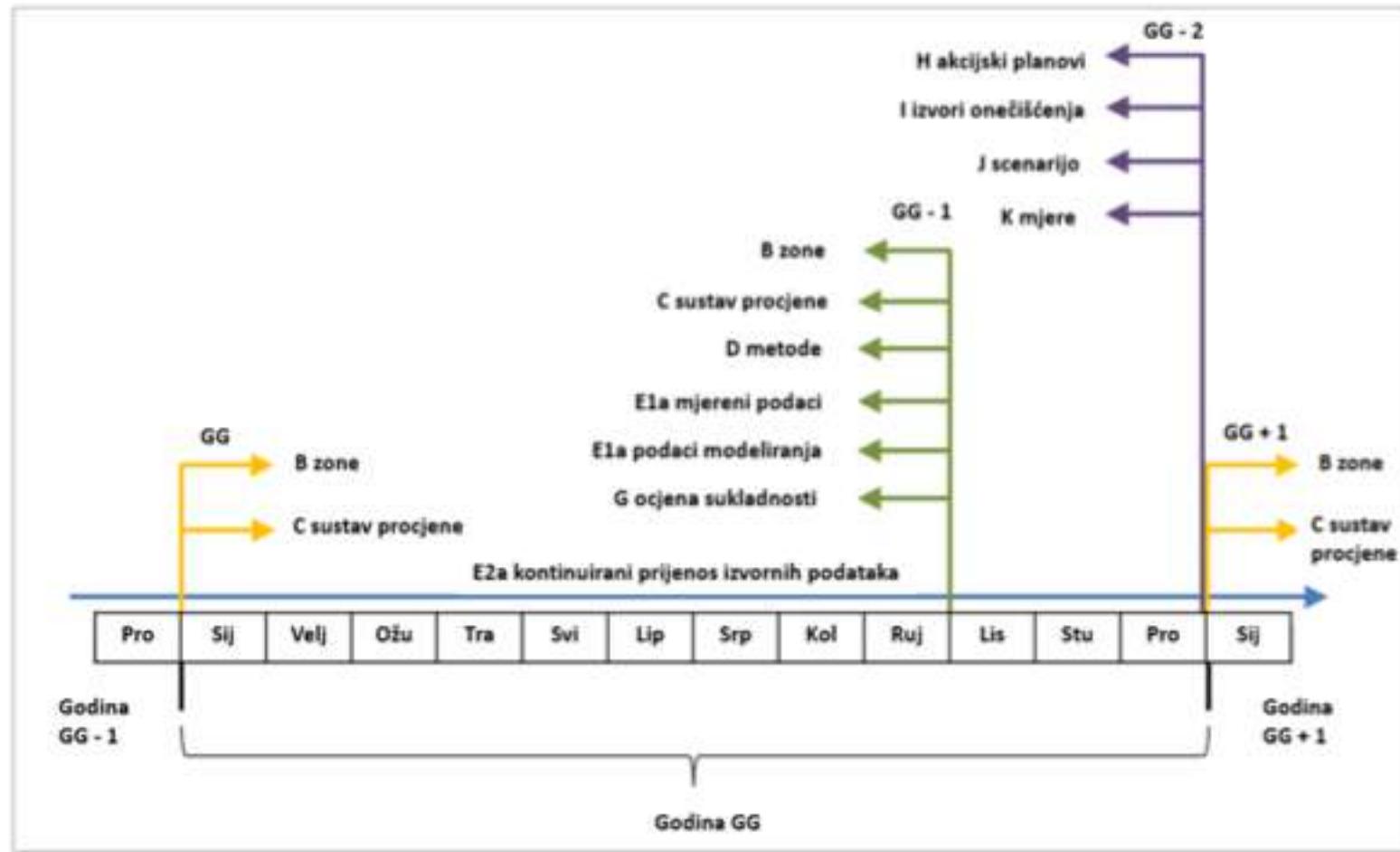
- **Submitted information on action plans:**
 - **Information on action plans for improving air quality (H)** - this is general information on action plans: plan name, year of first exceedance, responsible authority, included pollutants, plan adoption date, implementation time schedule ...
 - **Source Distribution Information (I)** - This is information about source apportionment, ie. contribution to pollution: local, regional, urban ...

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

- **Submitted information on action plans:**
 - **Information on scenario for the year of achievement (J)** - this is information about the initial and projection scenario for the year of reaching the limit value. The initial scenario is without taking measures, and the projection scenario is with the measures taken.
 - **Information on measures to improve air quality (K)** - information on measures taken to achieve limit and / or target values: type of measure, time period of measure, sectors and areas which the measure affects, emission reduction due to measure implementation and expected influence on concentrations.

14.1 REPORTING TO EC AND EEA – GENERAL OBLIGATIONS

- Reporting obligations– timeline



14.2 EUROPEAN COMMISSION IMPLEMENTING DECISION 2011/850/EU (IPR)

- European Commission passed the Implementing Decision on 12th December 2011 2011/850/EU on the establishment of rules for the implementation of Directives 2004/107 / EC and 2008/50 / EC of the European Parliament and of the Council on the reporting by the Member States of the European Union on air quality assessment and management and mutual exchange of information about networks and stations and air quality measurements

L 335/86 EN Official Journal of the European Union 17.12.2011

**COMMISSION IMPLEMENTING 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
(notified under document C(2011) 9068)
(2011/850/EU)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2004/107/EC of the European Parliament and of the Council of 15 December 2004 relating to arsenic, cadmium, mercury, nickel and polycyclic aromatic hydrocarbons in ambient air⁽¹⁾, and in particular Article 5(4) thereof,

Having regard to 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⁽²⁾, and in particular Article 28(2) thereof,

Whereas:

(1) Directive 2004/107/EC lays down target values to be met by a certain date, determines common methods and criteria for the assessment of the listed pollutants, lays down the information that needs to be transmitted to the Commission and ensures that adequate information on concentration levels of those pollutants is made available to the public. It requires that detailed arrangements for forwarding the ambient air quality information are adopted.

(2) Directive 2008/50/EC establishes the framework for the assessment and management of ambient air quality. It provides that the information on ambient air quality and the timescales in which such information is to be made available by Member States are to be laid down for the reporting and the reciprocal exchange of information on air quality. It also requires that ways are identified to

(4) Directive 2008/50/EC provides that Decision 97/101/EC is to be repealed with effect from the end of the second calendar year following the entry into force of the implementing measures on transmission of information and reporting. Accordingly, the provisions of Decision 97/101/EC should be reflected in this Decision.

(5) The scope of this Decision covers the annual reporting on ambient air quality assessment and the submission of information on plans and programmes in accordance to Directive 2004/107/EC for ambient air currently covered by Commission Decision 2004/124/EC of 20 February 2004 laying down arrangements for the submission of information on plans or programmes required under Council Directive 96/62/EC in relation to limit values for certain pollutants in ambient air⁽³⁾ and Commission Decision 2004/464/EC of 29 April 2004 laying down a questionnaire to be used for annual reporting on ambient air quality assessment under Council Directives 96/62/EC and 1999/30/EC and under Directives 2000/9/EC and 2002/3/EC of the European Parliament and of the Council⁽⁴⁾. Accordingly, in the interest of clarity and consistency of Union legislation, those Decisions should be repealed.

(6) An Internet interface called the ambient air quality portal should be created by the Commission, assisted by the European Environment Agency, where Member States should make the air quality information available and where the public has access to the environmental information made available by Member States.

(7) To streamline the amount of information made available by Member States, to maximise the usefulness of such information and to reduce the administrative burden, Member States should be required to make the information available in a standardised machine-readable format.

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2011:335:0086:0106:EN:PDF>

14.2 EUROPEAN COMMISSION IMPLEMENTING DECISION 2011/850/EU (IPR)

- **Decision 2011/850 / EU also known as Implementing Provisions on Reporting (IPR) has replaced three recent air quality reporting decisions:**
 - **Council Decision 97/101 / EC** establishing mutual exchange of information and data from networks and individual stations for measurement of air pollution,
 - **Commission Decision 2004/224 / EC** on defining procedures for submission of information on **plans or programs** in relation to the limit values of certain pollutants in the air and
 - **Commission Decision 2004/461 / EC** on the establishment of a **questionnaire** for the submission of an annual air quality assessment report.

Decision 2011/850/EU, has been implemented (came into effect) **from 1st January 2014**. In other words, it is applied to information/data on air quality collected by member states since January 2013.

14.2 EUROPEAN COMMISSION IMPLEMENTING DECISION 2011/850/EU (IPR)

- IPR prescribed a new reporting mechanism, e-reporting, more recent and more modern than former reporting methods (DEM, AQ Questionnaire, NRT-data, Plans & Programs):
 - For the purpose of rationalizing the amount of information being disclosed, increasing the benefits of such information and reducing administrative burden, information must be prepared and delivered in a standardized machine-readable form (**XML format**) and aligned with the requirements of Directive **2007/2 / EC** on the Establishment of Spatial Information Infrastructure in the European Community (**INSPIRE**).
 - Information is delivered to the **EIONET Central Data Repository (CDR)**, accessible through the **AQ Portal** established by the EC, which is maintained and managed by the European Environment Agency (**EEA**). The portal has all the news, guidelines and instructions related to e-reporting.

14.2 EUROPEAN COMMISSION IMPLEMENTING DECISION 2011/850/EU (IPR)

Competent authority for implementation of the Commission Decision 2011/850 / EU is the Agency that conducts following activities for purposes of Decision implementation:

- **delivers the information** used for the mutual exchange of information and reporting, within the prescribed deadlines, **on behalf of the Republic of Croatia in the data repository**, established by the European Commission with the assistance of the European Environment Agency
- In the case of **updating the information**, it explains the differences between the updated and original information and the reasons for the update
- informs the European Commission of the **responsible persons**
- **publishes** the European Commission's **Guidelines** for mutual information exchange and air quality reporting on **its web sites**

14.3 PRELIMINARY DATA SUBMISSION

- As preliminary data in EC / EEA, data B and C are submitted:
 - Preliminary data on zones and agglomerations (B) – those are data on limits and types of zones and agglomerations that have been established and in which the air quality assessment and management will be carried out in the following calendar year - shall be submitted by **31 December each year for the following calendar year**
 - Preliminary data on the assessment system (C) – those are data on expected levels of pollution in relation to the upper and lower thresholds and how the air quality will be monitored in the next calendar year for each pollutant within a given zone and agglomeration - delivered not later than **31 December each year for the following calendar year**

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14.3 PRELIMINARY DATA SUBMISSION

Article 7 of Decision 2011/850 / EU states that Member States will make available information on the **assessment system** to be applied for each zone / agglomeration and pollutant in the following calendar year.

The **objective of the assessment system** is to compare pollution levels with environmental objectives (limit and target values) and based on these levels to establish a proportional regime or assessment system for the purpose of future air quality management.

The assessment system (regime) may include different types of estimates:

- Fixed measurements
- Indicative measurements
- Modelling
- Objective assessment
- or their combination
- The choice of assessment type will depend on the observed pollution levels of in relation to the estimation thresholds

14.3 PRELIMINARY DATA SUBMISSION

Assessment system options allowed on the basis of preliminary estimates of pollutant levels

Pollutant	Pollution level	Observed period	Assessment system (regime)
SO₂, NO₂, NO_x, PM₁₀, PM_{2.5}, Pb, C₆H₆, CO As, Cd, Ni, BaP	Pollution level > UET	At least three years from previous five years	Fixed measurements, possibly supplemented by modeling techniques and / or indicative measurements, will be used.
SO₂, NO₂, NO_x, PM₁₀, PM_{2.5}, Pb, C₆H₆, CO As, Cd, Ni, BaP	Pollution level ≤ UET and > LET	At least three years from previous five years	Fixed measurements can be combined with modeling techniques and / or indicative measurements.
SO₂, NO₂, NO_x, PM₁₀, PM_{2.5}, Pb, C₆H₆, CO As, Cd, Ni, BaP	Pollution level ≤ LET	At least three years from previous five years	Modeling techniques or objective assessment techniques are sufficient.
O₃	Pollution level > LG	Any of previous five years	Fixed measurements, possibly supplemented by modeling techniques and / or indicative measurements, will be used.

UET: upper estimate threshold; LET: lower estimate threshold; LG: long-term goal

14.3 PRELIMINARY DATA SUBMISSION

The levels of pollution are assessed against the upper and lower thresholds of the assessment and the method by which the assessment will be given.

The data are similar to the data for official delivery (data C from September for the previous year) - they need to be updated due to e.g. introducing a new measurement point on a new or already existing station - in that case, updated metadata (data D) should be delivered so that also UTD data (from new measurement points) can be sent.

Oznaka zone / aglomeracije	Broj sati prekor. u kal. god.	Broj dana prekoračenja u kalendarskoj godini					Srednja godišnja vrijednost								
		NO	SO	CO	PM	O	NO	PM	PM .	Pb u PM	C H	Cd u PM	As u PM	Ni u PM	BaP ^x u PM
Zagreb	>GPP	<DPP	<DPP	>GPP	>DC	>GPP	>GPP	>GPP	<DPP	>GPP	<DPP	<DPP	<DPP	<DPP	>GPP
Osijek	<GPP	<DPP	<DPP	>GPP	>DC	<DPP	>GPP	>GPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA
Rijeka	<DPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<GPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA
Split	<GPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA
Kontinentalna Hrvatska	<DPP	<DPP	<DPP	>GPP	>DC	<DPP	<GPP	<GPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP
Industrijska zona	<DPP	>GPP	<DPP	>GPP	>DC	<DPP	>GPP	>GPP	<DPP	>GPP	<DPP	<DPP	<DPP	<DPP	>GPP
Lika, Gorski kotar i Primorje	<DPP	<DPP	<DPP	<DPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP
Istra	<DPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP
Dalmacija	<DPP	<DPP	<DPP	<DPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP

Legenda:

DPP – donji prag procjene,

GPP – gornji prag procjene,

DC – dugoročni cilj za prizemni ozon,



Fiksna mjerena
Indikativna mjerena
Objektivna procjena



14.3 PRELIMINARY DATA SUBMISSION

On the HAOP portal Air quality in the Republic of Croatia is marked with:
 Observed data are the result of the estimate for the following year and are
 subject to modifications

Sustav procjenjivanja

Godina *	Cilj zaštite *
2017	Zdravlje

Razina onečišćenosti zraka po onečišćujućim tvarima s obzirom na zaštitu zdravlja ljudi

Godina izrade studije Adresa dokumentacije o klasifikaciji
 2013 <http://iszz.azo.hr/iskz/godizvrpt.htm?pid=0&t=5>

Promatrani podaci rezultat su procjene za 2017. godinu te su podložni izmjenama

Oznaka zone/aglomeracije	Broj sati prekoračenja u kalendarskoj godini	Srednja godišnja vrijednost												
		NO ₂	SO ₂	CO	PM ₁₀	O ₃	NO ₂	PM ₁₀	PM _{2,5}	Pb u PM ₁₀	CeH ₆	Cd u PM ₁₀	As u PM ₁₀	Ni u PM ₁₀
Zagreb	>GPP	<DPP	<DPP	>GPP	>DC	>GPP	>GPP	>GPP	<DPP	>GPP	<DPP	<DPP	<DPP	>GPP
Osijek	<GPP	<DPP	<DPP	>GPP	>DC	<DPP	>GPP	>GPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA
Rijeka	<DPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<GPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA
Split	<GPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA
Kontinentalna Hrvatska	<DPP	<DPP	<DPP	>GPP	>DC	<DPP	<GPP	<GPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP
Industrijska zona	<DPP	>GPP	<DPP	>GPP	>DC	<DPP	>GPP	>GPP	<DPP	>GPP	<DPP	<DPP	<DPP	>GPP
Lika, Gorski kotar i Primorje	<DPP	<DPP	<DPP	<DPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP
Istra	<DPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP
Dalmacija	<DPP	<DPP	<DPP	<DPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP

14.4 OFFICIAL DATA SUBMISSION

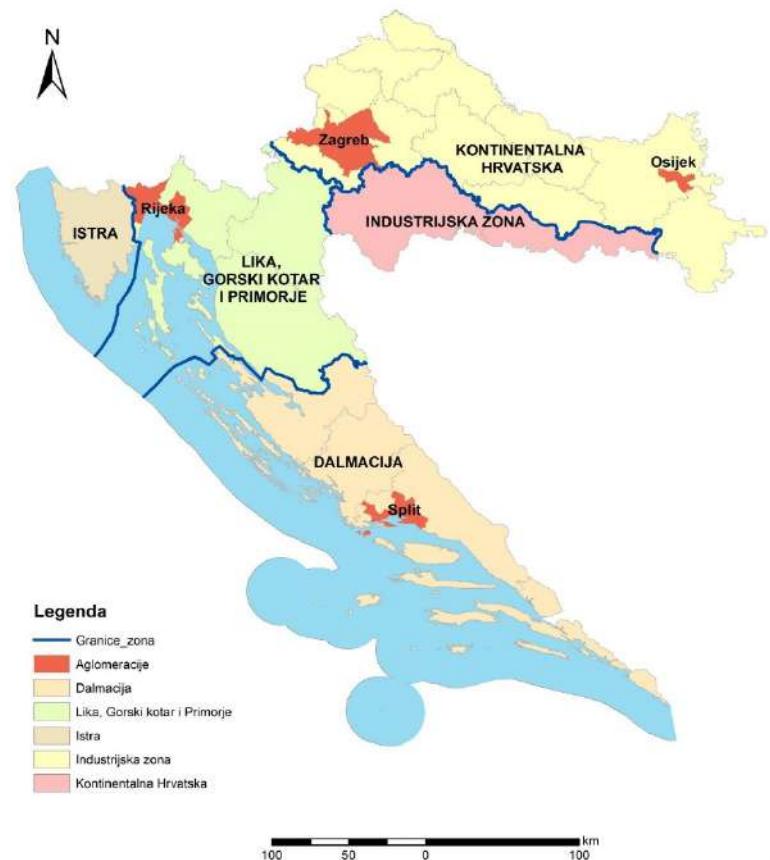
- Official air quality data to be submitted no later than 30 September each year for the previous calendar year:
 - Zone and Agglomeration Data (B)
 - Assessment System Data (C)
 - Network and Station Data (metadata) (D)
 - Data on applied modeling techniques and / or objective estimates (metadata) (D1b)
 - validated measurement data (E1a)
 - modeling data (E1b) (if any)
 - Pollution assessment with exceedance of limit values and target values (G)
 - Ocjena onečišćenosti sa prekoračenjima graničnih i ciljnih vrijednosti (G)

14.4 OFFICIAL DATA SUBMISSION

- **Data on zones and agglomerations (B)**

– data on limits and types of zones and agglomerations in which the air quality assessment was carried out in the previous calendar year

Zone i aglomeracije u Republici Hrvatskoj



14.4 OFFICIAL DATA SUBMISSION

- Data on Assessment System (C) - Pollution Levels in relation to the upper and lower assessment thresholds and the method of air quality monitoring in the previous year for each pollutant within a given zone and agglomeration**

Oznaka zone / aglomeracije	Broj sati prekor. u kal. god.		Broj dana prekoračenja u kalendarскоj godini					Srednja godišnja vrijednost							
	NO	SO	CO	PM	O	NO	PM	PM .	Pb u PM	C H	Cd u PM	As u PM	Ni u PM	BaP ^v u PM	
Zagreb	>GPP	<DPP	<DPP	>GPP	>DC	>GPP	>GPP	>GPP	<DPP	>GPP	<DPP	<DPP	<DPP	>GPP	
Osijek	<GPP	<DPP	<DPP	>GPP	>DC	<DPP	>GPP	>GPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA	
Rijeka	<DPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<GPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA	
Split	<GPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	NA	
Kontinentalna Hrvatska	<DPP	<DPP	<DPP	>GPP	>DC	<DPP	<GPP	<GPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	
Industrijska zona	<DPP	>GPP	<DPP	>GPP	>DC	<DPP	>GPP	>GPP	<DPP	>GPP	<DPP	<DPP	<DPP	>GPP	
Lika, Gorski kotar i Primorje	<DPP	<DPP	<DPP	<DPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	
Istra	<DPP	<DPP	<DPP	<GPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	
Dalmacija	<DPP	<DPP	<DPP	<DPP	>DC	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	<DPP	

14.4 OFFICIAL DATA SUBMISSION

- **Data on networks and stations (metadata) (D) - basic station data**

Detaljni podaci o postaji ZAGREB-1

Državna mreža za trajno praćenje kvalitete zraka / ZAGREB-1 / ZAGREB-1 - Detaljni podaci o postaji

Osnovni podaci		Osnovni podaci	
Ime postaje	ZAGREB-1	Mreža	Državna mreža za trajno praćenje kvalitete zraka
Grad	Zagreb	Zona/aglomeracija	Zagreb
Opis lokacije	.		
Nacionalni ili lokalni broj ili oznaka	ZAG001	Kod postaje	RH0101
OIB stručne institucije koja odgovara za postaju	74660437164	EOI kod	HR0007A
Tijelo ili programi kojima se dostavljaju podaci	Ministarstvo zaštite okoliša i prirode, Hrvatska agencija za okoliš i prirodu, Europska komisija		
Ciljevi mjerena	Procjena utjecaja na zdravlje ljudi i okoliš, praćenje trenda		
Izmjene			
Posljednje izmjene kreirao vvdic			
Posljednja izmjena 16.12.2016 09:23			

14.4 OFFICIAL DATA SUBMISSION

- Data on networks and stations (metadata) (D) – station classification

Detaljni podaci o postaji ZAGREB-1

Državna mreža za trajno praćenje kvalitete zraka ▾ / ZAGREB-1 ▾ / ZAGREB-1 - Detaljni podaci o postaji ▾

Klasifikacija postaje			Osnovni podaci
Tip područja <input type="text" value="Gradsko"/>	Tip postaje u odnosu na izvor emisija <input type="text" value="Prometna"/>	Glavni izvori emisija <input type="text"/>	Klasifikacija postaje
Područje za koje je postaje reprezentativna <input type="text"/>	Lokalno područje <input type="text"/>	Regionalno područje <input type="text"/>	Meteorološki parametri
Slika postaje			
Geografske koordinate			
Mjerne metode			
Izmjene			
Gradske i prigradske postaje	Broj stanovnika grada/naselja <input type="text" value="779.145"/>	Postvjedne izmjene kreirao <input type="text" value="vvadic"/>	
Prometne postaje	Procijenjena količina prometa (broj/dan) <input type="text" value="0"/>	Udaljenost od kamenog ruba pločnika (m) <input type="text" value="5"/>	Udio teških motornih vozila u prometu (%) <input type="text" value="0"/>
Brzina prometa (km/h) <input type="text" value="0"/>	Udaljenost do fasade zgrade (m) <input type="text" value="30"/>	Visina zgrade (m) <input type="text" value="0"/>	Postvjedna izmjena <input type="text" value="16.12.2016 09:23"/>
Širina prometnice/ulice (m) <input type="text" value="0"/>			

14.4 OFFICIAL DATA SUBMISSION

- Data on networks and stations (metadata) (D) – measurement methods**

Kvaliteta zraka u Republici Hrvatskoj

Naslovnica Mreže ▾ Podaci ▾ Servisi Obavijesti ▾ Dokumenti ▾ Kontakt e-reporting ▾ Prijavite se

Detaljni podaci o postaji ZAGREB-1

Državna mreža za trajno praćenje kvalitete zraka ▾ / ZAGREB-1 ▾ / ZAGREB-1 - Detaljni podaci o postaji ▾

Mjerne metode

Onečišćujuća tvar	Mjerna oprema	Tip mjerjenja
SO ₂ - sumporov dioksid (µg/m ³)	Horiba model APSA 360 SO ₂ analyser	Automatski analizator
NO ₂ - dušikov dioksid (µg/m ³)	Horiba model APNA 360 NO _x analyser	Automatski analizator
NO _x izraženi kao NO ₂ - dušikovi oksidi (µg/m ³)	Horiba model APNA 360 NO _x analyser	Automatski analizator
CO - ugljikov monoksid (mg/m ³)	Horiba model APMA 360 CO analyser	Automatski analizator
benzen (µg/m ³)	airmoVOC BTX	Automatski analizator
PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Other	Aktivno sakupljanje
PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Thermo Andersen ESM FH 62 I-R	Automatski analizator
Pb u PM ₁₀ - olovo u PM10 (µg/m ³)	Unknown	Aktivno sakupljanje
Cd u PM ₁₀ - kadmiј u PM10 (ng/m ³)	Unknown	Aktivno sakupljanje
As u PM ₁₀ - arsen u PM10 (ng/m ³)	Unknown	Aktivno sakupljanje
Ni u PM ₁₀ - nikal u PM10 (ng/m ³)	Unknown	Aktivno sakupljanje

Osnovni podaci

Klasifikacija postaje

Meteorološki parametri

Slika postaje

Geografske koordinate

Mjerne metode

Izmjene

Posljednje izmjene kreirao: vladic.

Posljednja izmjena: 16.12.2016 09:23

14.4 OFFICIAL DATA SUBMISSION

- Data on networks and stations (metadata)(D) - single measurement methods**

Mjerne metode		
Tablica		
Onečišćujuća tvar <i>SO₂ - sumporov dioksid (µg/m³)</i>	Vrsta mjerenja <i>Indikativna mjerenja</i>	Tip mjerenja <i>Automatski analizator</i>
Tip mjerne metode (automatsko mjerenje) <i>UV fluorescence</i>	Tip mjerne metode (uzorkovanje)	Tip mjerne metode (analiza)
Opis mjerne metode <i>UV fluorescence</i>	Druge mjerne metode	
Mjerna oprema <i>Horiba model APSA 360 SO₂ analyser</i>	Uzorkovanje - mjerna oprema	Druga mjerna oprema
Granica detekcije <i>5,02</i>	Mjerna jedinica granice detekcije <i>Micrograms per square metre per day</i>	
Dokaz istovjetnosti <i>Reference method used, demonstration not necessary.</i>		
Adresa dokumentacije za dokaz istovjetnosti <i>NA</i>	Adresa dokumentacije o procjeni nesigurnosti <i>NA</i>	Adresa dokumentacije o QA/QC <i>NA</i>
Trajanje uzorkovanja <i>1</i>	Mjerna jedinica trajanja uzorkovanja <i>Hour</i>	Vrijeme usrednjavanja mjerenih podataka <i>Hourly average/mean</i>
Učestalost uzorkovanja <i>1</i>	Mjerna jedinica učestalosti uzorkovanja <i>Hour</i>	
Unos podataka + Satni validirani podaci	Visina mjesta uzorkovanja <i>4</i>	
Vrijeme početka rada <i>11.02.2003</i>	Vrijeme završetka rada	
Aktivna <input checked="" type="checkbox"/>	Koristi se u sustavu procjene <input checked="" type="checkbox"/>	
e-reporting <input checked="" type="checkbox"/>	Gravimetrija <input type="checkbox"/>	
Izvor podataka za izračun prekoračenja za e-reporting <i>Satni validirani podaci</i>	Tip podatka koji se šalje u e-reporting <i>Satni validirani podaci</i>	CIIJ <ul style="list-style-type: none"> Alert threshold (ALT) - Tri uzastopna sata u prekoračenju , Zdravlje Limit Value (LV) - Broj sati prekoračenja u

14.4 OFFICIAL DATA SUBMISSION

- Data on applied techniques of objective assessment (metadata) (D1b)**

Objektivne procjene

Naziv *: Objektivna ocjena kvalitete zraka u zonama Republike Hrvatske za 2016. godinu
Opis *: Objektivna procjena 2016 (objective estimation) CO

Web adresa dokumenta objektivne procjene *: <http://isz.zzo.hr/iskz1/godizvpt.htm?pid=0&t=5>
Datum izrade dokumenta objektivne procjene *: 18.09.2017

Postaje koristeće za izradu objektivne procjene *: -

Vrijednost vremenske rezolucije *: 1
Vremenska rezolucija *: Year
Prostorna rezolucija (npr. 1x1 km) *: 50x50

Cilj kvalitete podataka: procjena nesigurnosti *: NA
Web adresa dokumentacije o osiguranju nadzora kvalitete *: NA
Opis dokumentacije o osiguranju nadzora kvalitete *: -

Odgovorno tijelo *: DRŽAVNI HIDROMETEOROLOŠKI
Odgovorna osoba *: Sonja Vidić

Onečišćujuće tvari

SO₂ - sumporov dioksid (ug/m³)
 NO₂ - dušikov dioksid (ug/m³)
 NO_x izraženi kao NO_x - dušikovi oksiidi (ug/m³)
 O₃ - ozon (ug/m³)
 CO - ugljikov monoksid (mg/m³)
 benzен (ug/m³)
 PM₁₀ - lebdeće čestice (<10um) (ug/m³)
 PM_{2,5} - lebdeće čestice (<2,5um) (ug/m³)
 Pb u PM₁₀ - olovo u PM10 (ug/m³)
 Cd u PM₁₀ - kadmiј u PM10 (ng/m³)

Ciljevi

Limit value (Lv) - Broj sati prekoračenja u kalendarskoj godini , zdravje
 Limit Value (Lv) - Broj dana prekoračenja u kalendarskoj godini , zdravje
 Limit Value (Lv) - Srednja godišnja vrijednost, zdravje
 Target Value (TV) - Broj dana prekoračenja usrednj na 3 kalendarske godine, zdravje
 Critical level (CL) - AOT40 za zaštitu vegetacije , Vegetacija
 Critical level (CL) - Zimska srednja vrijednost, Vegetacija
 Critical level (CL) - Srednja godišnja vrijednost, Vegetacija
 Long term objective (LTO) - AOT40 za zaštitu vegetacije , Vegetacija
 Target Value (TV) - Srednja godišnja vrijednost, Vegetacija

Zone/aglomeracije

Zagreb
 Osijek
 Rijeka
 Split
 kontinentalna Hrvatska
 industrijska zona
 Lika, Gorski kotar i Primorje
 Istra
 Dalmacija

Datum od *: 01.01.2016
Datum do: 31.12.2016

14.4 OFFICIAL DATA SUBMISSION

Validated measurement data (E1a)

**AGENCIJA ZA
ZAŠTITU OKOLIŠA**

Kvaliteta zraka u Republici Hrvatskoj

Naslovnica Nivo
Podaci Unos Servisi Obavijesti Dokumenti Kontakt e-reporting Administracija

Pregled prikupljenih podataka

Postoja: Zagreb-1
Onečišćujuća tvar: NO_x - dušikov dioksid (µg/m³)
Tip podatka: Svi načini validirani podaci
Od: 01.01.2015
Do: 31.12.2015

Za odabrano postojanju, onečišćujuću tvar i tip podatka postoje podaci nakon 01.01.2006 00:00

Tablični prikaz **Grafički prikaz** **Eksportiraj u Excel** **Predvalidiran**

Srednja vrijednost: 42,2767	Prikaži samo vrijednosti veće od:
Maksimalna vrijednost: 199,01	Filtriraj
Pokrivenost: 93,18	Prikaži samo vrijednosti manje od:
Najduži prekid: 406	Filtriraj
Predvalidirano: 0,00	Sakrij prazne redove

Broj prekoračenja praga upozorenja: 0	Broj prekoračenja aronične vrijednosti: 0
Broj predvalidiranih podataka: 0	Broj neispravnih podataka: 0
Broj podataka unutar granica, koji nisu predvalidirani: 8163	Broj podataka izraženi u µg/m ³ : 365

Datum	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
01.01.2015	71,21	73,99	70,16	62,43	43,84	25,17	21,02	21,04	8,5	6,02	15,77	9,27	14,83	22,32	38,23	65,72	51,96	20,73	19,47	16,71	12,34	12,1	17,88	23,98
02.01.2015	13,52	17,51	20,75	6,88	12,92	14,64	35,84	39,76	40,04	38,29	33,71	57,56	100,46	110,23	114,17	140,28	208,15	238,3	195,44	159,8	181,74	157,99	135,69	104,89
03.01.2015	76,63	54,52	58,3	50,01	59,8	77,51	88,85	81,21	107,28	123,81	101,62	102,44	135,06	87,54	91,69	68,7	104,66	130,09	112,06	75,68	69,5	74,36	66,26	52,72
04.01.2015	27,38	30,48	23,58	32,17	18,07	14,07	53,51	56,19	61,79	49,24	29,79	25,37	27,79	28,58	33,91	61,72	110,24	135,15	141,64	118,77	199,01	169,88	114,9	84,61
05.01.2015	111,42	11,6	7,46	-1,77	3,16	8,68	51,38	31,05	38,14	62,61	52,21	32,42	18,86	18,79	16,51	41,98	85,95	152,84	138,92	138,62	111,15	36,26	16,81	19,62
06.01.2015	16,38	5,93	0,92	0,89	2,79	-0,12	5,96	15,01	17,32	27,38	40,69	45,72	23,19	14,42	9,48	21,17	21,36	42,16	52,94	106,96	115,41	100,38	90,71	38,78
07.01.2015	59,95	50,1	37,42	40,02	39,32	56,22	76,35	100,2	83,35	61,11	53,15	50,61	57,97	70,73	63,74	75,37	100,12	106,67	101,12	94,76	100,65	100,25	78,82	63,73
08.01.2015	62,79	58,95	51,78	52,47	50,92	49,06	61,77	87,7	97,92	85,03	90,05	99,04	97,92	73,37	55,38	57,05	76,28	76,62	55,78	76,32	86,24	85,87	73,04	71,99
09.01.2015	40,67	40,36	37,92	27,4	26,81	31,44	36,03	55,45	62,91	81,96	65,24	65,1	62,0	73,50	89,89	77,47	86,56	91,46	90,11	70,28	50,14	50,54	36,36	27,97
10.01.2015	26,74	24,79	13,46	41,01	27,05	18,79	38,81	38,88	33,18	36,17	38,15	33,31	39,38	27,76	24,55	16,64	40,28	48,73	46,52	36,53	44,68	25,56	35,57	18,88
11.01.2015	15,83	14,64	13,75	6,4	2,62	4,68	21,41	74,86	76,75	93,94	97,64	109,36	87,88	35,08	11,47	11,14	31,5	33,72	21,71	24,68	21,97	9,73	11,71	10,58

14.4 OFFICIAL DATA SUBMISSION

Statistical data (F) – are not delivered (EEA does not consider those) but have to be calculated in order to determine exceedances and make an estimate

		NO ₂ ($\mu\text{g}/\text{m}^3$)						Ocjena onečišćenosti i (sukladnosti)
Zona / Aglomeracija	Mjerna postaja / Modeliranje	OP %	C godin a	C _{max} *	C _{99.7% = max. 19 sat}	broj sati > GV	broj sati > PU	
HR ZG	Zagreb-1	93	42	199	163	0	0	
	Zagreb-3	95	26	137	112	0	0	
HR OS	Osijek-1	91	23	166	113	0	0	
HR RI	Rijeka-2	95	13	115	77	0	0	
HR ST	Kaštel Sućurac	87	18	111	80	0	0	
	Split-1	96	24	134	114	0	0	
HR 1	Desinić	69	7	49	36	0	0	
HR 2	Slavonski Brod-1	96	16	127	93	0	0	
HR 4	Pula Fižela	95	11	82	63	0	0	
HR 5	Žarkovica (Dub.)	60	3	81	23	0	0	

14.4 OFFICIAL DATA SUBMISSION

**Statistical data (F) –
are not delivered (EEA
does not consider those)
but have to be calculated
in order to determine
exceedances and make
an estimate**

PM ₁₀ i PM _{2,5} ($\mu\text{g}/\text{m}^3$)										
Zona / Aglomeracija	Mjerna postaja / Modeliranje	Onečišćujuća tvar	Tip mjerjenja	OP %	1-satne konc.	24-satne koncentracije				Ocjena onečišćenosti (sukladnosti)
						C _{godina}	C _{godina}	C _{max} *	C _{90,4} = max. 36 dana	
HR ZG	Zagreb-1	PM ₁₀	grav.	100	NP	33	167	62	47	
	Zagreb-1	PM ₁₀	aut.	97	38	NP	211	71	77	
	Zagreb-3	PM ₁₀	aut.	92	45	NP	233	88	94	
	Zagreb-3	PM ₁₀	grav.	100	NP	35	156	70	70	
	Zagreb PPI PM _{2,5}	PM _{2,5}	grav.	100	NP	21	NP	NP	NP	
	Velika Gorica	PM _{2,5}	grav.	62	NP	27	NP	NP	NP	
HR OS	Osjek-1	PM ₁₀	aut.	85	39	NP	121	63	60	
HR RI	Rijeka-2	PM ₁₀	aut.	92	18	NP	84	32	2	
	Rijeka-2	PM _{2,5}	grav.	62	NP	13	NP	NP	NP	
HR ST	Split-1	PM ₁₀	grav.	100	NP	19	133	32	4	
	Split-1	PM _{2,5}	grav.	93	NP	11	NP	NP	NP	
HR 1	Desinić	PM ₁₀	aut.	88	16	NP	59	27	5	
	Desinić	PM _{2,5}	aut.	88	14	NP	NP	NP	NP	
	Kopački rit	PM ₁₀	aut.	99	23	NP	84	39	17	
	Kopački rit	PM _{2,5}	aut.	99	17	NP	NP	NP	NP	
HR 2	Kutina-1	PM ₁₀	aut.	86	45	NP	165	79	100	
	Sisak-1	PM ₁₀	aut.	95	37	37	145	74	71	
	Sisak-1	PM ₁₀	grav.	95	NP	37	135	73	67	
	Slavonski Brod-1	PM _{2,5}	aut.	99	37	NP	NP	NP	NP	
	Slavonski Brod-1	PM _{2,5}	grav.	100	NP	36	NP	NP	NP	
HR 3	Plitvička jezera	PM ₁₀	aut.	78	14	NP	51	24	1	
	Plitvička jezera	PM _{2,5}	aut.	78	9	NP	NP	NP	NP	
	Plitvička jezera	PM _{2,5}	grav.	100	NP	9	NP	NP	NP	
HR 4	Višnjan	PM ₁₀	aut.	88	17	NP	75	30	4	
	Višnjan	PM _{2,5}	aut.	88	9	NP	NP	NP	NP	
HR 5	Žarkovica (Dub.)	PM ₁₀	aut.	76	13	NP	51	22	1	
	Žarkovica (Dub.)	PM _{2,5}	aut.	76	8	NP	NP	NP	NP	

14.4 OFFICIAL DATA SUBMISSION

Pollution estimate (G) – achievement of environmental objectives - with exceedance of limit values and target values (comparison with limit or target values)

The assessment of zone and agglomeration pollution for the previous calendar year (conformity assessment with environmental objectives as laid down in Directives 2008/50 / EC, 2004/107 / EC) shall be determined in accordance with the list of measurement points laid down in Article 4 of the Regulation on the establishment of measurement points for concentration monitoring of individual pollutants in the air and the location of monitoring stations in the national network for permanent air quality monitoring.

14.4 OFFICIAL DATA SUBMISSION

Pollution assessment (G)

For this purpose, a **detailed analysis and processing** of the data from the measurement points is performed, which are **determined by the Regulation** for defining the list of measurement points for monitoring concentrations of air pollutants: **sulfur dioxide, nitrogen dioxide and nitrogen oxides, floating particles (PM10 and PM2,5), lead, benzene, carbon monoxide, ground-level ozone, arsenic, cadmium, mercury, nickel, benzo (a) pyrene and other polycyclic aromatic hydrocarbons** in the air.

The pollution assessment (compliance) of zones and agglomerations **obtained by air quality measurements** may be **supplemented by modeling data, objective estimate and indicative measurements** in accordance with certain criteria. Thus, in estimating the pollution of zones and agglomerations in 2015, besides **measurement data**, data **obtained by an objective assessment** made by Croatian Meteorological and Hydrological Service was also used.

14.4 OFFICIAL DATA SUBMISSION

- Pollution assessment (G) – meeting environmental goals**
Example – submitted pollution assessment for PM₁₀

Postizanje ciljeva zaštite okoliša

Godina *
Zona/aglomeracija
Onečišćujuća tvar
Provjerani zapisi *
Prekoračenja *

2015

PM₁₀ - lebdeće čestice (<10µm)
Sve
Sve

[Preuzmi podatke](#)

18
H
Pretraživanje

Zona/aglomeracija	Onečišćujuća tvar	Tip	Vrsta mjerjenja	Postizanje praga procjene	Broj prekoračenja	Srednja vrijednost	Prekoračenje	Postaja/Model/Obj.proc.	Provjereno
Zagreb	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Fiksna mjerjenja	>GPP		35,48	Ne	ZAGREB-3	Da
Osijek	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Fiksna mjerjenja	>GPP		38,73	Ne	OSIJEK-1	Da
Rijeka	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Fiksna mjerjenja	<DPP		18,23	Ne	RIJEKA-2	Da
Split	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Fiksna mjerjenja	<DPP		19,27	Ne	Split-1	Da
Kontinentalna Hrvatska	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Fiksna mjerjenja	<GPP		22,55	Ne	KOPAČKI RIT	Da
Industrijska zona	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Fiksna mjerjenja	>GPP		44,57	Da	KUTINA-1	Da
Lika, Gorski kotar i Primorje	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Indikativna mjerjenja	<DPP		13,88	Ne	PLITVIČKA JEZERA	Da
Istra	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Fiksna mjerjenja	<DPP		16,51	Ne	VIŠNJAN	Da
Dalmacija	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Srednja godišnja vrijednost	Indikativna mjerjenja	<DPP		13,48	Ne	ŽARKOVICA (Dubrovnik)	Da
Zagreb	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Fiksna mjerjenja	>GPP	70		Da	ZAGREB-3	Da
Osijek	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Fiksna mjerjenja	>GPP	61		Da	OSIJEK-1	Da
Rijeka	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Fiksna mjerjenja	<GPP	2		Ne	RIJEKA-2	Da
Split	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Fiksna mjerjenja	<GPP	4		Ne	Split-1	Da
Kontinentalna Hrvatska	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Fiksna mjerjenja	>GPP	17		Ne	KOPAČKI RIT	Da
Industrijska zona	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Fiksna mjerjenja	>GPP	101		Da	KUTINA-1	Da
Lika, Gorski kotar i Primorje	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Indikativna mjerjenja	<DPP	1		Ne	PLITVIČKA JEZERA	Da
Istra	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Fiksna mjerjenja	<GPP	4		Ne	VIŠNJAN	Da
Dalmacija	PM ₁₀ - lebdeće čestice (<10µm) (µg/m ³)	Broj dana prekoračenja u kalendarskoj godini	Indikativna mjerjenja	<DPP	1		Ne	ŽARKOVICA (Dubrovnik)	Da

14.4 OFFICIAL DATA SUBMISSION

Exceedance of limit and target values from measurement sites for pollution assessment of zones and agglomerations in 2015

Zona / Aglomeracija	Oznaka zone / aglomer.	Onečišćujuća tvar	Mjerno mjesto prekoračenja	Obuhvat podataka: godina ili ljeto/zima	Srednja godišnja vrijednost	Srednja godišnja vrijednost (zaokružena)	Broj dana > GV	Broj dana > CV
Zagreb	HR ZG	NO ₂	Zagreb-1	93,2	42,3	42		
		PM ₁₀	Zagreb-1 (grav.)	100,0			47	
			Zagreb-3 (grav.)	100,0			70	
		B(a)P u PM ₁₀	Zagreb-1 (grav.)	100,0	1,831	2		
			Zagreb-3 (grav.)	100,0	2,637	3		
		O ₃	Zagreb-3	100 94				29
Osijek	HR OS	PM ₁₀	Osijek-1	87,8			60	
Rijeka	HR RI	O ₃	Rijeka-2	100 92				33
Kontinentalna Hrvatska	HR 1	O ₃	Desinić	99 85				39
Industrijska zona	HR 2	PM ₁₀	Kutina-1	90,4		45	100	
		PM ₁₀	Sisak-1 (grav.)	90,4			67	
		B(a)P u PM ₁₀	Sisak-1 (grav.)	95,0	2,943	3		
		PM _{2,5}	Slavonski Brod-1	99	35,96	36		
		benzen	Sisak-1	85,6	6,6	7		
Lika, Gorski kotar i Primorje	HR 3	O ₃	Parg	68 89				33
Istra	HR 4	O ₃	Pula Fizela	96 83				87
Dalmacija	HR 5	O ₃	Hum (Vis)	98 78				75
			Žarkovica	73 79				36

14.4 OFFICIAL DATA SUBMISSION

Exceedance of limit values and target values in 2015 in agglomerations

In Zagreb agglomeration, the mean annual **NO₂** value exceeded the limit value on one monitoring station (Zagreb-1). 24-hour concentrations of **PM₁₀** exceeded the limit value at two monitoring stations (Zagreb-1, 47 days and Zagreb-3, 70 days). The mean annual value of **BaP u PM₁₀** exceeded the limit value on two monitoring stations (Zagreb-1 and Zagreb-3). The maximum daily 8-hour **ozone** concentrations exceeded the target value at one monitoring station (Zagreb-3, 28 days).

In Osijek agglomeration, the 24-hour **PM₁₀** concentrations exceeded the limit value at one monitoring station (Osijek-1, 60 days).

In Rijeka agglomeration, the maximum daily 8-hour **ozone** concentrations exceeded the target value at one monitoring station (Rijeka-2, 33 days).

14.4 OFFICIAL DATA SUBMISSION

Exceedance of limit values and target values in 2015 in zones

In continental Croatia zone, the maximum daily 8-hour **ozone** concentrations exceeded the target value at one monitoring station (Desinić, 39 days).

In the Industrial zone, 24-hour **PM₁₀** concentrations exceeded the limit value at two monitoring stations (Sisak-1, 67 days and Kutina-1, 100 days). The mean annual value of BaP in **PM₁₀** and benzene exceeded the limit value at one monitoring station (Sisak-1). The mean annual **PM_{2,5}** value exceeded the limit value at one monitoring station (Slavonski Brod-1).

In Lika, Gorski Kotar and Primorje zone, maximum daily 8-hour ozone concentrations exceeded the target value at one monitoring station (Parg, 33 days).

14.4 OFFICIAL DATA SUBMISSION

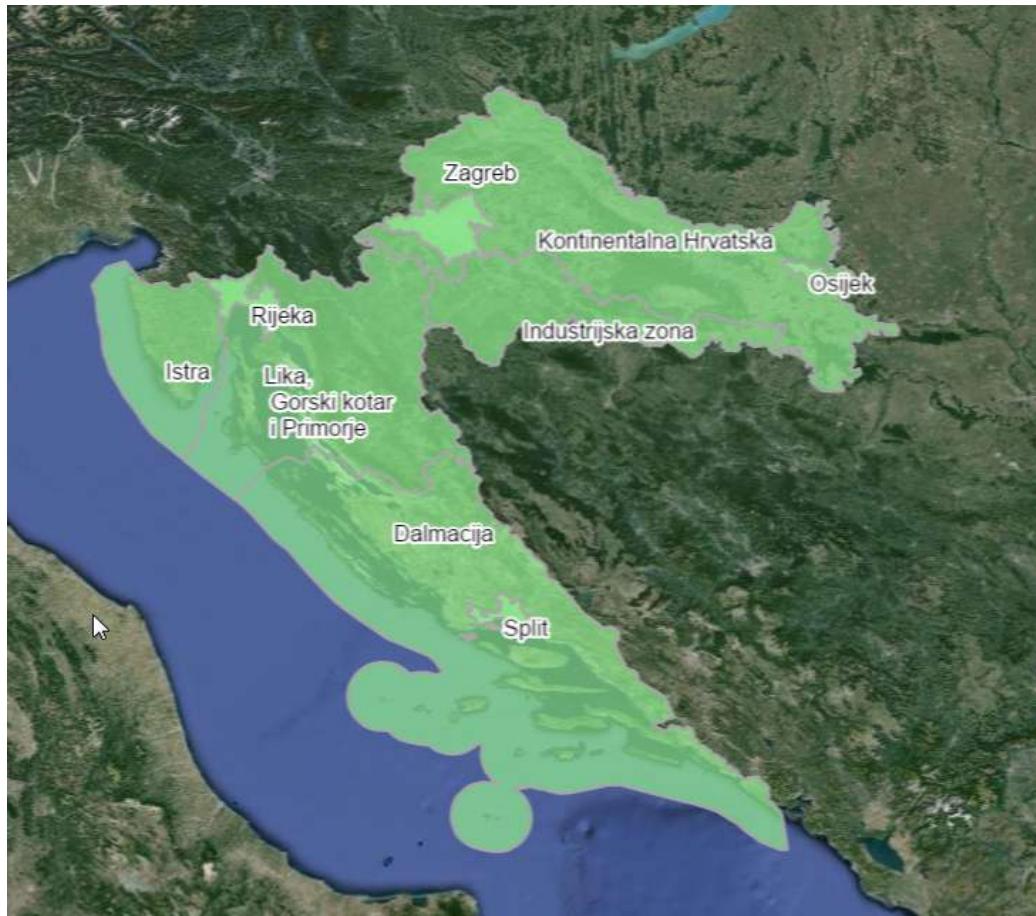
Exceedance of limit values and target values in 2015 in zones

In Istria zone, the maximum daily 8-hour **ozone** concentrations exceeded the target value at one monitoring station (Pula Fižela, 87 days).
(Pula Fižela, 87 dana).

In Dalmacija zone, the maximum daily 8-hour **ozone** concentration exceeded the target value at two monitoring stations (Hum, 75 days, Žarkovica, 36 days)

14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015 – SO₂



Based on the analysis of measurement results and the objective estimate, following is estimated : SO₂ concentrations were lower than the prescribed limit values in all zones and agglomerations

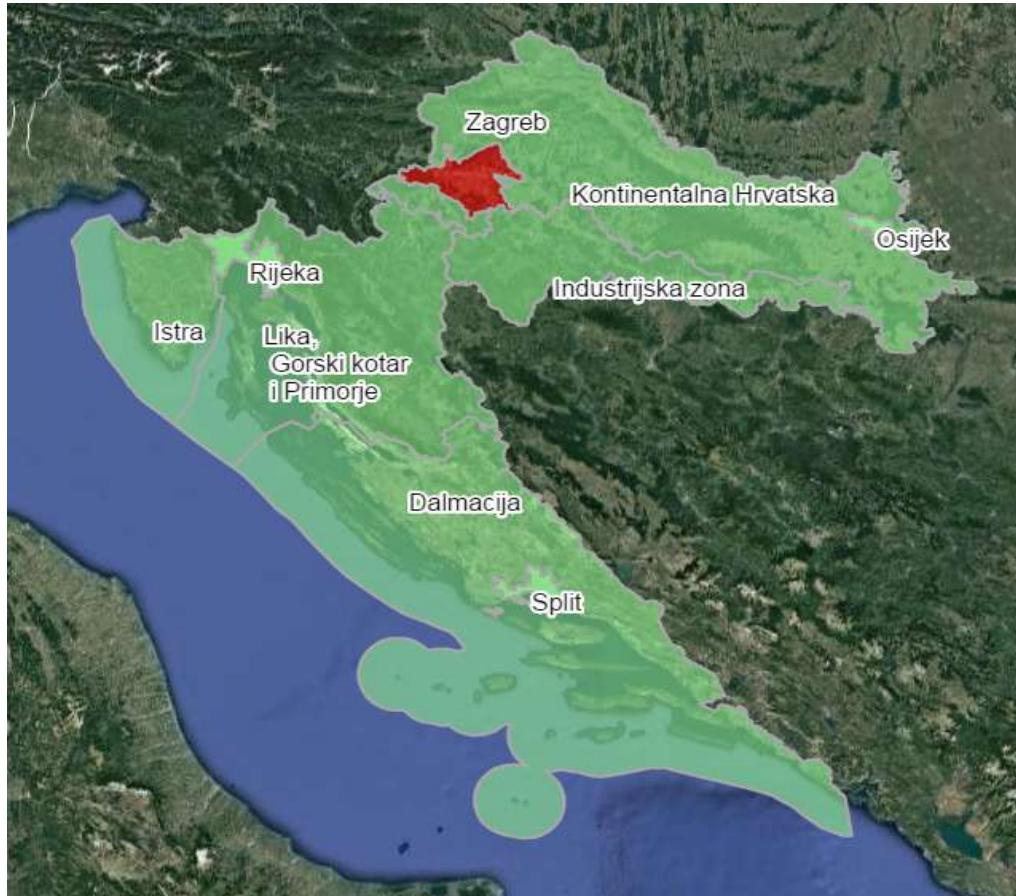
Legenda:

	Nesukladno sa ciljevima zaštite okoliša (Prekoračena GV)
	Sukladno sa ciljevima zaštite okoliša (Nije prekoračena GV)
	Neocijenjeno

14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015.

– NO₂

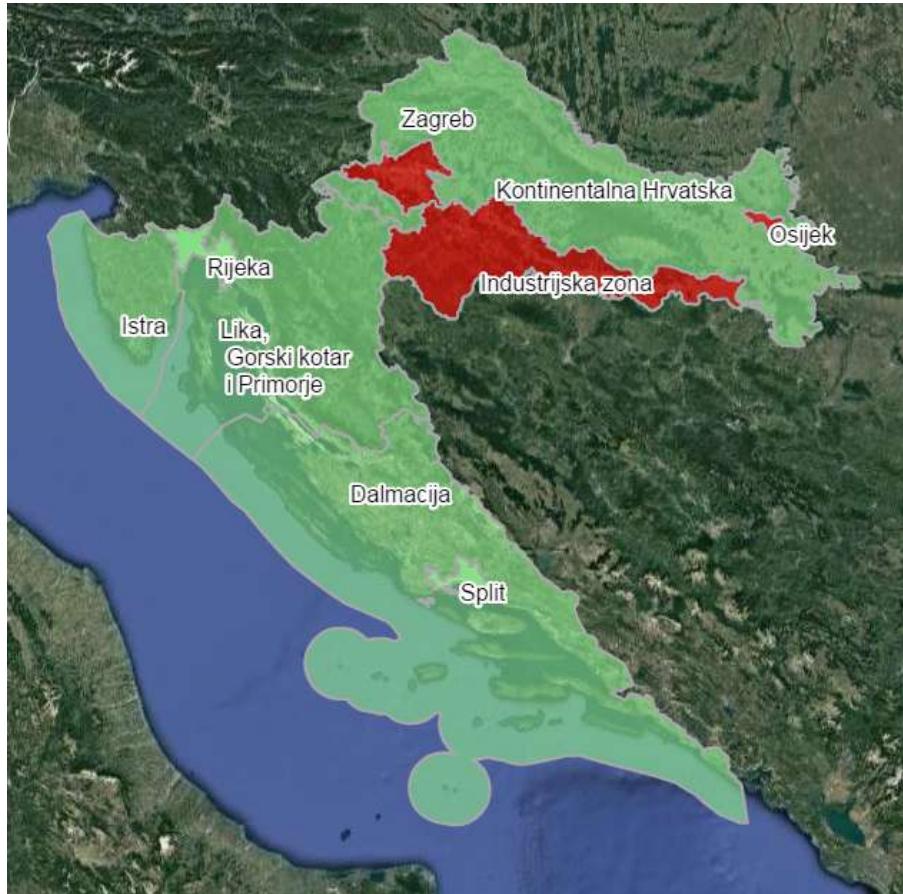


Based on the analysis of the measurement results and the objective evaluation following is estimated:

- NO₂ concentrations were above the prescribed mean annual limit values in the agglomeration of Zagreb at the Zagreb-1 monitoring station.
- NO₂ concentrations were lower than the prescribed limit values in all other agglomerations (Osijek, Rijeka and Split) and in all

14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015 – PM₁₀



Based on the analysis, following is estimated:

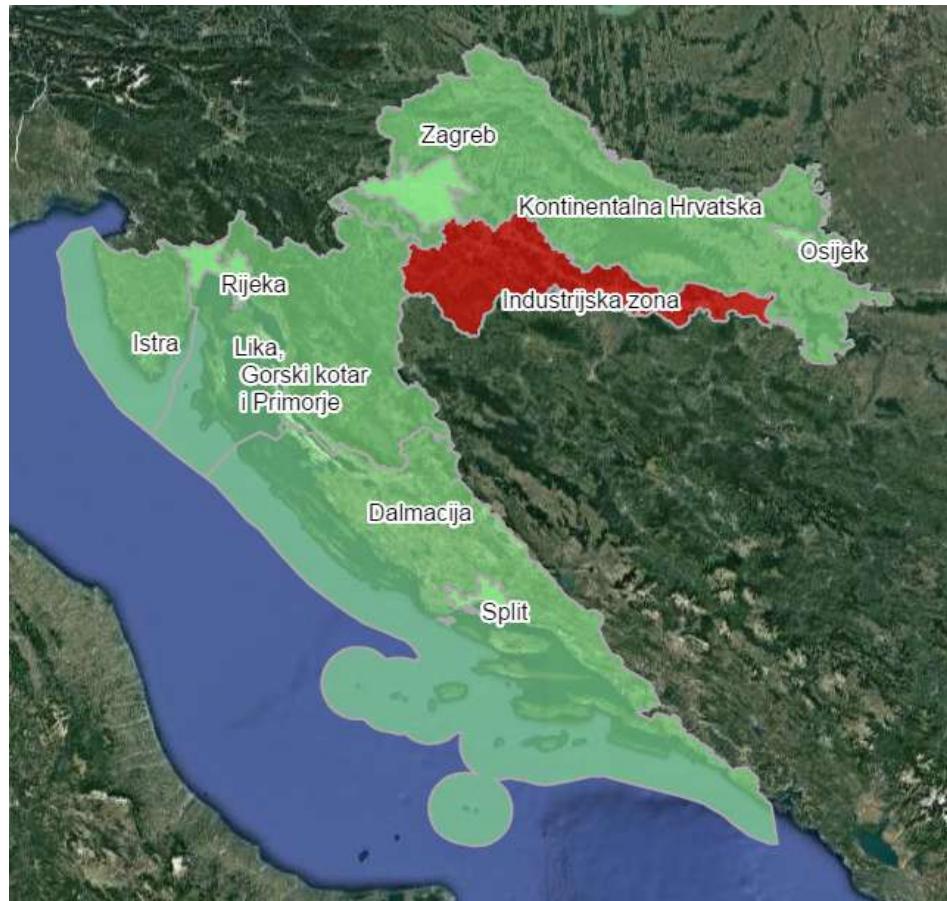
- concentrations of PM₁₀ floating particles were higher than the prescribed limit values in the agglomerations of Zagreb and Osijek and the Industrial Zone (HR 2).

In the agglomerations of Rijeka and Split and the continental Croatia (HR 1), Lika, Gorski kotar and Primorje (HR 3), Istria (HR 4) and Dalmatia (HR 5) concentrations of PM10 floating particles were lower than the prescribed limit values.



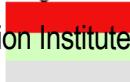
14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015–PM_{2,5}



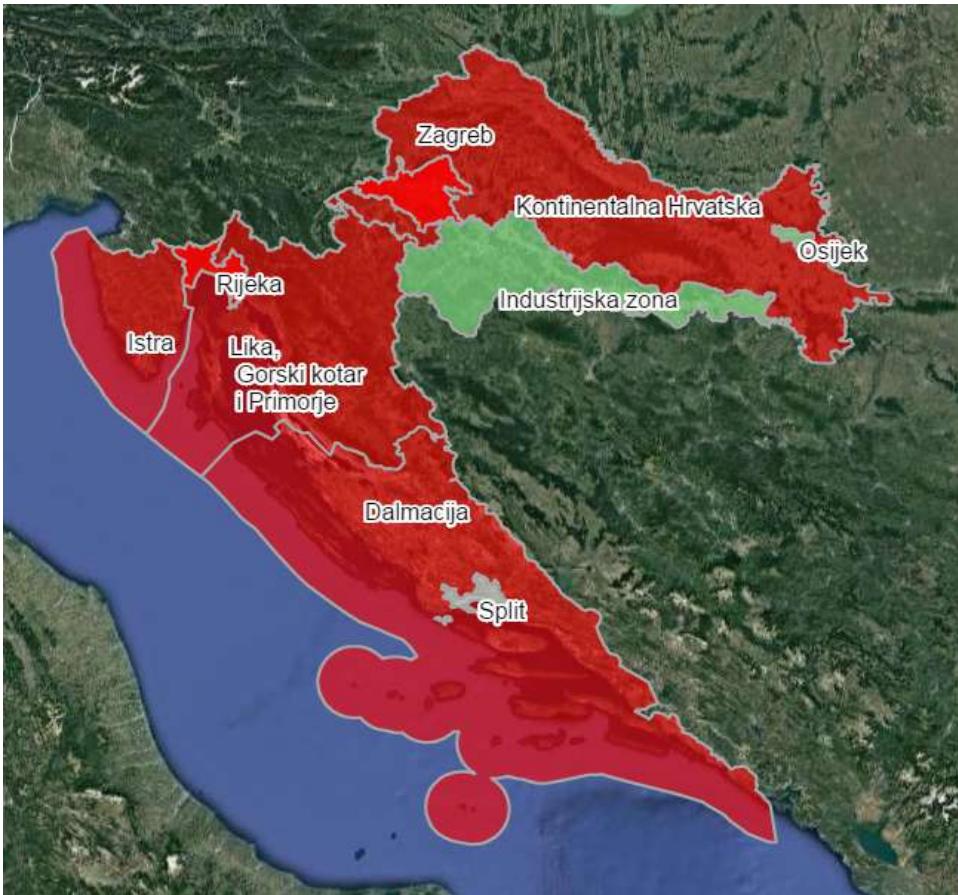
PM_{2,5} concentrations were:

- more than the prescribed limit value in the Industrial Zone (HR 2).
 - lower than the LV in the agglomerations of Zagreb, Rijeka and Split and in the areas of continental Croatia (HR 1), Lika, Gorski kotar and Primorje (HR 3), Istria (HR 4) and Dalmatia (HR 5).
- The estimate for Osijek agglomeration was given on the basis of the measurement results from monitoring stations Kopački rit (nearest monitoring station) and ZAGREB PPI PM_{2,5} - Ksaverska cesta (city background monitoring station).



14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015– O_3

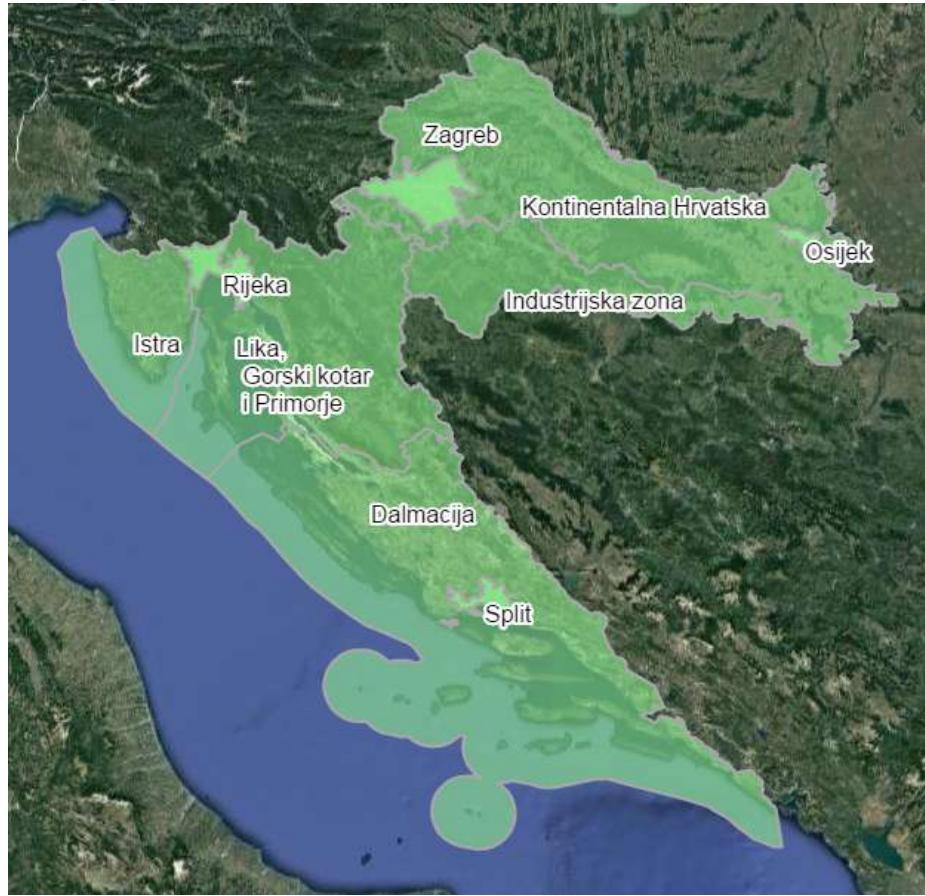


On the basis of the analysis of the data obtained by measuring, it was estimated that the concentrations of ozone were higher than the prescribed target values in the agglomerations of Zagreb and Rijeka and in the zones Continental Croatia (HR 1), Lika, Gorski kotar and Primorje (HR 3), Istria (HR 4) and Dalmatia (HR 5). - In Industrial zone (HR 2) and Osijek agglomeration the ozone concentration were lower than the prescribed target values. - Split agglomeration was not assessed



14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015 – CO

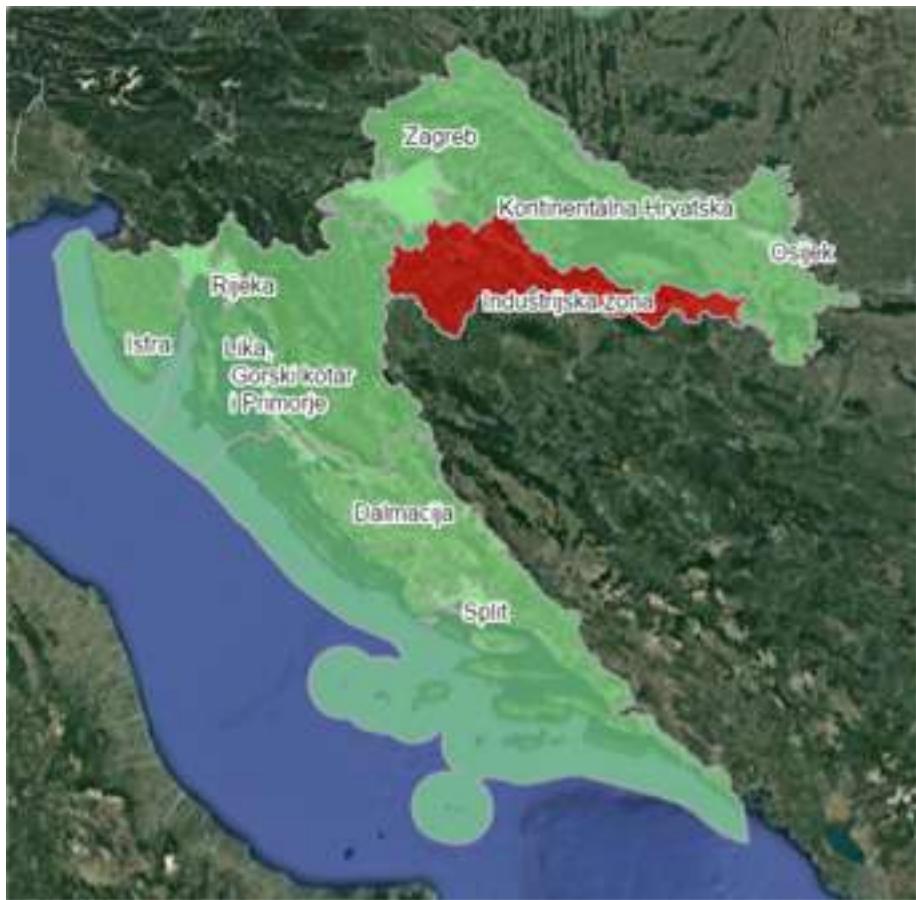


Based on indicative measurements and objective / expert estimate, it was estimated that the CO concentrations were lower than the prescribed limit values in all zones and agglomerations.



14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015–benzene



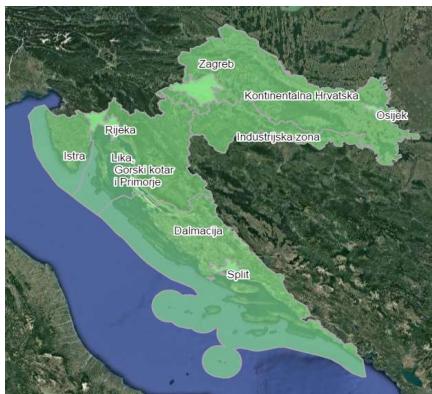
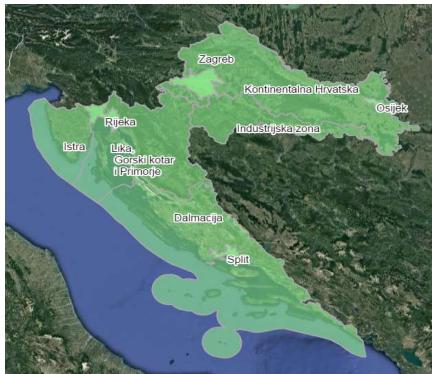
It was estimated that benzene concentrations were lower than the prescribed LVs in all agglomerations.

- In the Industrial zone (HR 2) at the Sisak-1 terminal monitoring station, benzene concentrations were higher than the limit value.
- The objective / expert estimate showed that the average annual values of benzene did not exceed the LV in the zones of continental Croatia (HR 1), Lika, Gorski kotar and Primorje (HR 3), Istria (HR 4) and Dalmatia (HR 5) in 2015 .

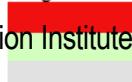


14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015 – Cd, Ni, As and Pb in PM₁₀

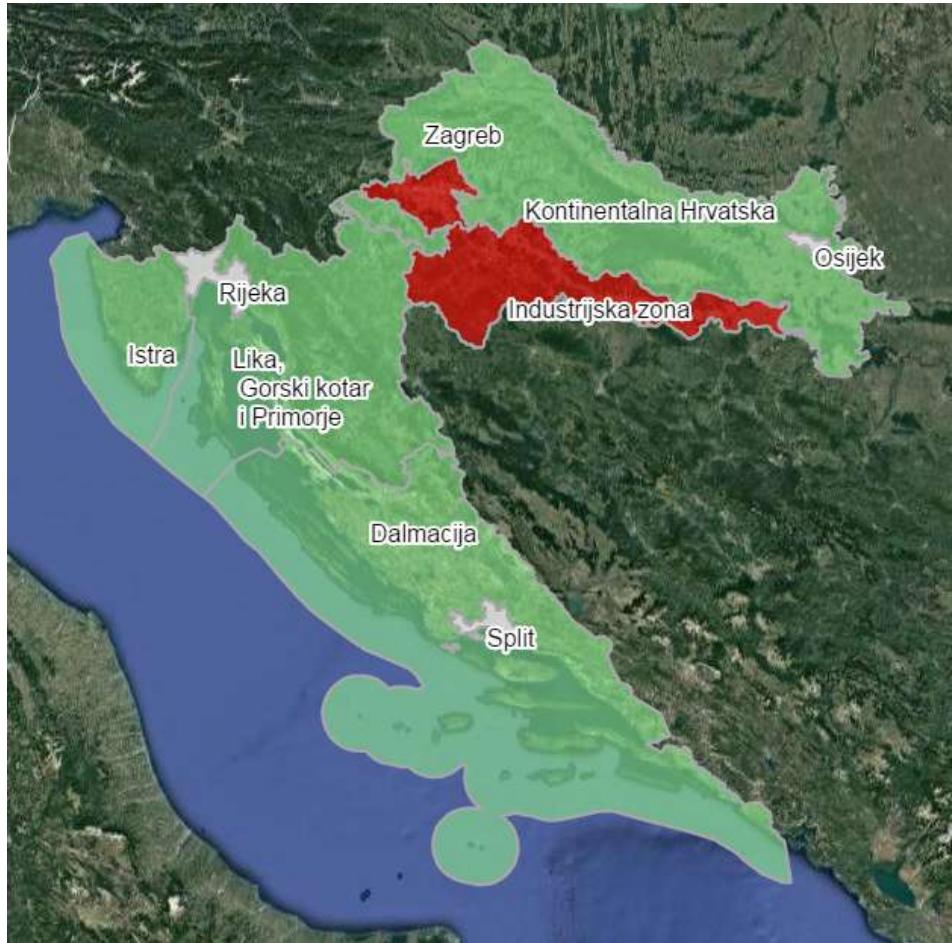


On the basis of measurement results and objective estimates it was estimated that the **Cd, Ni, As and Pb** concentrations in **PM₁₀** were lower than the prescribed limit or target values in all zones and agglomerations



14.4 OFFICIAL DATA SUBMISSION

Assessment of zones and agglomerations pollution (compliance) for 2015 – B(a)P in PM₁₀



Concentrations B (a) P in PM₁₀ were higher than the prescribed target values in the agglomeration of Zagreb at the Zagreb-1 and Zagreb-3 measuring stations as well as at the Industrial zone (HR 2) at the Sisak-1 monitoring station.

- Based on the values of the total BaP concentration in the air obtained from the model, it is estimated that the mean annual values of BaP in PM₁₀ have not exceeded the target values in the zones of Continental Croatia (HR 1), Lika, Gorski kotar and Primorje (HR 3), Istria (HR 4) Dalmatia (HR

14.4 OFFICIAL DATA SUBMISSION

Summary assessment of zones and agglomerations pollution (non-compliance) for 2015

Sulfur dioxide SO₂

- All zones and agglomerations are rated as pure.

Nitrogen dioxide NO₂

- Zagreb agglomeration is rated as polluted.
- Other agglomerations and all zones are rated as pure.

14.4 OFFICIAL DATA SUBMISSION

Summary assessment of zones and agglomerations pollution (non-compliance) for 2015

Particulate matter PM₁₀

- Zagreb and Osijek agglomerations and Industrial zone are rated as polluted.
- Rijeka and Split agglomerationa and the zones of Continental Croatia, Istria, Lika, Gorski kotar and Primorje and Dalmatia are rated as pure.

Particulate matter PM_{2,5}

- Industrial zone is rated as polluted.
- Zagreb Osijek, Rijeka and Split agglomerations, as well as other zones, are rated as pure.

14.4 OFFICIAL DATA SUBMISSION

Summary assessment of zones and agglomerations pollution (non-compliance) for 2015

Ozone O₃

- The zones of Continental Croatia, Lika, Gorski kotar and Primorje, Istria and Dalmatia are rated as polluted, as well as Zagreb and Rijeka agglomerations.
- Osijek agglomeration and Industrial zone are rated as pure.
- Split agglomeration was not rated.

Carbon monoxide CO

- All zones and agglomerations are rated as pure.

14.4 OFFICIAL DATA SUBMISSION

Summary assessment of zones and agglomerations pollution (non-compliance) for 2015

Benzene

- Industrial zone is rated as polluted.
- Other zones were rated as pure.
- All agglomerations are rated as pure.

Carbon monoxide CO

- All zones and agglomerations are rated as pure.

14.4 OFFICIAL DATA SUBMISSION

Summary assessment of zones and agglomerations pollution (non-compliance) for 2015

Benzene

- Industrial zone is rated as polluted.
- Other zones were rated as pure.
- All agglomerations are rated as pure.

Pb, Cd, Ni, As in PM₁₀

- All zones and agglomerations are rated as pure.

14.4 OFFICIAL DATA SUBMISSION

Summary assessment of zones and agglomerations pollution (non-compliance) for 2015

B(a)P in PM10

- Zagreb agglomeration and Industrial zone are rated as polluted.
- Other zones were rated as pure.
- Osijek, Rijeka and Split agglomerations were not rated.

14.5 ACTION PLAN DATA SUBMISSION

- Action plans (information H-K)

Health Protection Act – if **air pollutant levels exceed any limit or target value** in a particular zone or agglomeration in each of these cases an **action plan for improving the air quality** for that zone or agglomeration is introduced **in the shortest time possible** in order to ensure **achievement of limit or target values**.

Action Plan for air quality improvement covers all relevant pollutants, and may also include special measures aimed at protecting vulnerable groups of the population, including children.

14.5 ACTION PLAN DATA SUBMISSION

- **Action plans**

If more units of local self-government, i.e. the City of Zagreb belong to the same zone or agglomeration in which pollutant levels exceed any limit or target value, they **cooperate in drawing up an action plan to harmonize the measures.**

The competent administrative body of the local self-government unit or the City of Zagreb shall ensure the development of an action plan.

The representative body of the local self-government unit or the City of Zagreb implements an action plan for its administrative area.

14.5 ACTION PLAN DATA SUBMISSION

Action plan contains specifically following:

- identifying locations of excessive pollution,
- general information,
- the competent responsible authority,
- type and assessment of contamination, origin of contamination,
- analysis of the state,
- details of the measures taken,
- measures to reduce air pollution,
- order and deadlines for the implementation of measures
- and estimate of resources.

14.5 ACTION PLAN DATA SUBMISSION

The mandatory elements of the Action Plan for Air Quality Improvement are prescribed in Part I of the Annex to the Regulation on mutual information exchange and reporting on air quality and obligations for implementation of Commission Decision 2011/850 / EU (Official Gazette, No 3/16)

1.	Lokaliziranje prekomjernog onečišćenja (a) područje; (b) grad (karta); (c) mjerna postaja (karta, geografske koordinate).
2.	Opći podaci (a) vrsta zone (grad, industrijsko ili ruralno područje); (b) procjena veličine onečišćenog područja (km ²) i broja stanovnika izloženih onečišćenju; (c) korisni klimatski podaci; (d) relevantni topografski podaci; (e) dovoljno podataka o vrsti ciljeva u zoni koje zahtijevaju zaštitu.
3.	Odgovorna tijela Imena i adrese osoba koje su odgovorne za razvoj i provedbu akcijskog plana za poboljšanje kvalitete zraka.
4.	Priroda i procjena onečišćenja (a) koncentracije koje su zabilježene tijekom prethodnih godina (prije provedbe mjera za poboljšanje); (b) koncentracije koje su izmjerene od početka provedbe projekta; (c) tehnike koje su korištene za procjenu.
5.	Porijeklo onečišćenja (a) popis glavnih izvora emisije koji su odgovorni za onečišćenje (karta); (b) ukupna količina emisija iz tih izvora (tone/godina); (c) podaci o onečišćenju koje je došlo iz drugih regija.
6.	Analiza situacije (a) detaljni podaci o onim faktorima koji su odgovorni za prekoračenje (npr. promet, uključujući i prekogranični promet, nastajanje sekundarnih onečišćujućih tvari u atmosferi); (b) detaljni podaci o mogućim mjerama za poboljšanje kvalitete zraka.
7.	Detaljni podaci o onim mjerama ili projektima za poboljšanje, koji su postojali prije 11. lipnja 2008., tj.: (a) lokalne, regionalne, nacionalne, međunarodne mjere; (b) zabilježeni ucinci tih mjera.
8.	Detaljni podaci o onim mjerama ili projektima koji su usvojeni s ciljem smanjenja onečišćenja, sukladno Zakonu o zaštiti zraka: (a) popis i opis svih mjera navedenih u akcijskom planu; (b) vremenski plan provedbe; (c) procjena planiranog poboljšanja kvalitete zraka i očekivanog vremena, potrebnog za dostizanje tih ciljeva.
9.	Detaljni podaci o dugoročno planiranim ili istraživanim mjerama ili projektima. Popis publikacija, dokumenata, radova, itd., koji su korišteni kao dopuna podacima koji se traže na temelju ovoga Priloga.

14.5 ACTION PLAN DATA SUBMISSION

According to the amendments to the Air Protection Act (OG 61/17), the **Action Plan is implemented within 18 months of the end of the year in which the exceedance was noted** and the competent authority of the local self-government unit submits to the Agency the implemented Action Plan for the purposes of Air Protection Information System.

Exceptionally, the action plan for exceedances established at the measurement sites referred to in Article 19, paragraph 5 of the Air Protection Act (measurement points used for mutual exchange of information and reporting on air quality between the Agency and the European Commission), is submitted by the competent authority of the local self-government unit for the review of the Ministry and the Agency prior to its adoption and at the latest within **15 months** of the end of the year in which the exceedance was established.

14.5 ACTION PLAN DATA SUBMISSION

Information on the action plan for exceeding the limit and target values from the measurement points **established by the Regulation** on the establishment of a list of measurement points for monitoring concentrations of certain pollutants in the air and the location of the monitoring stations in the national network for permanent air quality monitoring (Official Gazette 65/16) **are submitted to the Agency immediately upon adoption of the Action Plan.** (do not wait 18/15 months)

The Agency shall submit information on the action plans to the EC immediately upon receipt and at the latest 2 years after the end of the calendar year in which the first exceedance was recorded.

According to the requirements of Implementing Decision 2011/850 / EC the data are submitted **electronically (XML format)**, and the reference form for entering and submitting the data is on the **Air Quality portal in the Republic of Croatia.**

14.5 ACTION PLAN DATA SUBMISSION

Information on action plans to be delivered to EC are following:

- **Information on Action Plans for Air Quality Improvement (H)** - this is general information on action plans: plan name, year of first exceedance, responsible authority, pollutants covered, date of plan implementation, time schedule of implementation ...
- **Source Distribution Information (I)** - this is information on source apportionment, or contribution to pollution: local, regional, urban
- **Scenario information for the year of achievement (J)** - this is information about the initial and projection scenario for the year of reaching the limit value. The initial scenario is without taking measures, and the projection scenario is with the measures taken
- **Information on measures to improve air quality (K)** - information on measures taken to achieve limit and / or target values: type of measure, time period of measure, sectors and areas which the measure affects, emission reduction due to measure implementation and expected influence on concentrations

14.5 ACTION PLAN DATA SUBMISSION

Information on action plans (Information H-K) shall be submitted by the representative body of the local self-government unit to the Agency in the air protection information system in electronic form using the formats and protocols of Commission Decision 2011/850 / EU published by the Agency on its web site.

All information submitted to the EC is publicly available on the Air Quality portal in the Republic of Croatia on the following links:

<http://iszz.azo.hr/iskzl/hPlan.htm>

<http://iszz.azo.hr/iskzl/iSourceAppointment.htm>

<http://iszz.azo.hr/iskzl/iEvaluation.htm>

<http://iszz.azo.hr/iskzl/kMeasure.htm>

14.5 ACTION PLAN DATA SUBMISSION

Information on action plans for air quality improvement (H)

- općenite informacije o akcijskim planovima: ime plana, godina prvog prekoračenja, odgovorno tijelo, obuhvaćene onečišćujuće tvari, datum donošenja plana, vremenski plan provedbe

.....

The screenshot shows a web interface for submitting an air quality improvement plan (H). At the top, there's a logo for 'AGENCIJA ZA ZAŠTITU OKOLIŠA' and the title 'Kvaliteta zraka u Republici Hrvatskoj'. The navigation menu includes 'Naslovnica', 'Mreže', 'Podaci', 'Servisi', 'Obavijesti', 'Dokumenti', 'Kontakt', 'e-reporting', and 'Prijavite se'. Below the menu, there are tabs for 'Plan kvalitete zraka (H)', 'Količinska doprsni - raspodjela izvora (I)', 'Scenarij - početni i projektni (J)', and 'Mjere (K)'. The main content area is titled 'Plan kvalitete zraka (H)' and shows dropdown menus for years (2015, 2016, 2017). It contains several sections with input fields: 'H.1.3 Opis promjena' (with a 'Preporučuj u Word' button), 'H.1.4 Period izvješćivanja' (with dropdowns for 'Godina izvješća' and 'Godina na koju se odnose podaci'), 'H.2.2 Šifra plana' (with a text input field containing 'PP3_HR002G_PM10_2015'), and 'H.2.3 Naziv plana' (with a text input field containing 'Akcijski plan za poboljšanje kvalitete zraka na području Grada Zagreba').

<http://iszz.azo.hr/iskzl/hPlan.htm?id=5>

14.5 ACTION PLAN DATA SUBMISSION

Information on action plans for air quality improvement(H)

H.1.3 Description of changes (if any)

H.1.4 Reporting Period

H.1.4.1 Year Report

H.2.2 Plan code

H.2.3 Name of plan

H.2.4 Competent authority

H.2.5 Reference year of first exceedance

H.2.6 Status

H.2.7 Pollutants covered by the plan

H.2.8 Date of official adoption of the plan

H.2.9 Scheduled Implementation Schedule

H.2.10 Link to air quality plan

H.2.11 Application link

H.2.12 Related Publications

H.2.13 Comment

H.2.14 Information on exceedance statement

14.5 ACTION PLAN DATA SUBMISSION

Quantitative contributions – source apportionment (I)

-source apportionment
information, i.e.
contribution to pollution:
local, regional, urban ...

Kvaliteta zraka u Republici Hrvatskoj

Naslovnica Mreže Podaci Servisi Obavijesti Dokumenti Kontakt e-reporting Prijavite se

Plan kvalitete zraka (I) Količinski doprinosi - raspodijela izvora (I) Scenarij - početni i projekcijski (I) Mjere (I)

Količinski doprinosi - raspodijela izvora (I)

2015 2016 2017

Eksportiraj u Word Verzija Verificirano (29.12.2015 15:58) Inodric

Podaci se odnose na plan Aktuarski plan za poboljšanje kvalitete zraka na području Grada Zagreba

I.1.3 Opis promjena

A.7.2 Opis promjena

I.1.4 Period izvješćivanja

I.1.4.1 Godina izvješćivanja 2015 Godina na koju se odnose podaci 2015

I.2.1 Kod raspodjele izvora

I.2.1.1 Kod raspodjele izvora SA_HR002G_PM10_2015

I.2.2 Referentna godina

I.2.2.1 Referentna godina

<http://iszz.azo.hr/iskzl/iSourceAppointment.htm>

14.5 ACTION PLAN DATA SUBMISSION

Quantitative contributions– source apportionment (I)

I.1.3 Description of changes (if any)

I.1.4 Reporting Period

I.1.4.1 Year of Reporting

I.2.1 When allocating the source

I.2.2 Reference year

I.2.3 Plan code

I.2.4 Assessment of urban impacts

I.2.5 Local Impact Assessment

I.2.6 Exceedance

- Numerical value of exceedance (mean annual value)
- Number of exceedances (days / hours)
- Assessment method
- Reduction of the assessment method

Information on population and exposed ecosystem and vegetation in the area of exceedance

I.2.7 Comments

I.2.8 Link to Plan (data "H")

I.2.9 Link to Exceedance (data "G")

14.5 ACTION PLAN DATA SUBMISSION

Scenario – initial and projection (J)

- information on initial and projection scenario for the year of achieving the limit value. The initial scenario is without taking measures, and the projection scenario is with the measures taken

...

The screenshot shows a web interface for air quality management in Croatia. At the top, there's a navigation bar with links like 'Nastavnik', 'Mreže', 'Podaci', 'Servisi', 'Obavijesti', 'Dokumenti', 'Kontakt', and 'e-reporting'. Below the navigation, there are tabs for 'Plan kvalitete zraka (P)', 'Količinski doprinosi - raspodjela izvora (R)', 'Scenarij - početni i projekcijski (J)', and 'Mjere (M)'. The main content area is titled 'Scenarij - početni i projekcijski (J)'. It contains dropdown menus for years (2015, 2016, 2017). A button labeled 'Eksportiraj u Word' is visible. Below the dropdowns, there's a 'Verzija' section with a timestamp 'Verificirana (29.12.2015 10:18) dbe@kroatice' and a note 'Podaci se odnose na plan Akcijski plan za poboljšanje kvalitete zraka na području Grada Zagreba'. The form is divided into several sections: 'J.1.3 Opis promjene' (with a sub-section 'A.7.2 Opis promjene'), 'J.1.4 Period izvješćivanja' (with dropdowns for 'Godina izvješćivanja' and 'Godina na koju se odnose podaci'), 'J.2.2 Kod Scenarija' (with a sub-section 'J.2.2 Kod Scenarija' containing code 'ES_HROVZG_PMI0_2015'), and 'J.2.4 Godina postizanja za koju su projekcije izračunate' (with a dropdown for 'J.2.4 Projekcijska godina' set to '2020').

<http://iszz.azo.hr/iskzl/iEvaluation.htm>

14.5 ACTION PLAN DATA SUBMISSION

Scenario – initial and projection (J)

J.1.3 Description of change

J.1.4 Reporting Period

J.1.4.1 Year of Reporting

J.2.2 Scenario code

J.2.3 Relevant publications

J.2.4 The year for which projections are calculated

J.2.5 Start of the year

J.2.6 Initial scenario

J.2.6.1 Description of Initial Scenario

J.2.6.2 Total emissions (kt / year)

J.2.6.3 Expected level of concentration [$\mu\text{g} / \text{m}^3$]

J.2.6.4 Expected Exceedances

J.2.6.5 Comments

J.2.6.6 Measures from the plan included in the initial scenario

J.2.7 Projection scenario

J.2.7.1 Description of the Projection Scenario

J.2.7.2 Total emissions (kt / year)

J.2.7.3 Expected concentration level

J.2.7.4 Expected exceedances

J.2.7.5 Comments

J.2.7.6 Measures from the plan included in the projection

J.2.8 Link to Plan (data "H")

J.2.9 Link to Source apportionment (Data "I")

14.5 ACTION PLAN DATA SUBMISSION

Measures (K)

- information on measures taken to achieve limit and / or target values: type of measure, duration of measure, sectors and areas affected by the measure, reduction of emissions due to measure implementation and expected impact on concentrations ...

AGENCIJA ZA
ZAŠTITU OKOLIŠA

Kvaliteta zraka u Republici Hrvatskoj

Naslovica Mreže ▾ Podaci ▾ Servisi Obavijesti ▾ Dokumenti ▾ Kontakt e-reporting ▾ Pravite se

Mjere (K)

2015 ▾ 2016 ▾ 2017 ▾

Exportiraj u Word

Verzija

Verificirana (29.12.2013 09:21) objektovi/c

Podaci se odnose na plan

Aktuarski plan za poboljšanje kvalitete zraka na području Grada Zagreba.

K.1.3 Opis promjena

A.7.2 Opis promjena

K.1.4 Period izvješćivanja

K.1.1 Godina izvješćivanja

2015

Godina na koju se odnose podaci

2013

K.2.2 Kod mjere

K.2.2 Kod mjere

M_HR00ZG_PM10_2015

K.2.3 Naziv

K.2.3 Naziv

Promet

<http://iszz.azo.hr/iskzl/kMeasure.htm?id=6>

14.5 ACTION PLAN DATA SUBMISSION

Measures (K)

- K.1.3 Description of change
- K.1.4 Reporting Period
- K.1.4.1 Year of Reporting
- K.2.2 Measurements
- K.2.3 Name of measure
- K.2.4 Description of measure
- K.2.5 Classification of measures
- K.2.6 Type of measure
- K.2.7 Administrative level
- K.2.8 Time period of measure
- K.2.9 Costs
 - K.2.9.1 Estimated Costs
 - K.2.9.2 Final Costs
 - K.2.9.3 Currency
 - K.2.9.4 Comment

- K.2.10 Sources affected by the measure
- K.2.11 Area affected by the measure
- K.2.12 Planning Implementation
 - Implementation status (planned and actual starting and end dates) and Scheduled date when the measure should produce a full effect
- K.2.13 Reduction of emission due to measure application
- K.2.14 Expected impact on concentrations
 - K.2.14.1 Value
 - K.2.14.2 Number of exceedances (Hours or Days)
- K.2.15 Comment for clarification
- K.2.16 Link to Source apportionment (Data "I")
- K.2.17 Link to Scenario (Data "J")

14.5 ACTION PLAN DATA SUBMISSION

In all H-K forms, most of the fields have **additional explanation** about what exactly should be entered in that field, which is shown when the cursor is placed in that field

**AGENCIJA ZA
ZAŠTITU OKOLIŠA** Kvaliteta zraka u Republici Hrvatskoj

Naslovnička Mreža ▾ Podaci ▾ Servisi Obavijesti ▾ Dokumenti ▾ Kontakt e-reporting ▾ Prijavite se

Plan kvalitete zraka (H) Kolonički dijapoziti - raspodjelja tzvora (I) Scenarij - progreni i projekcijski (J) Mjere (K)

Mjere (K)

2015 ▾ 2016 ▾ 2017 ▾

Eksportiraj u Word

Verzija Verificirana (29.12.2015 09:21) drjejakovic

Podaci se odnose na plan Akcijski plan za poboljšanje kvalitete zraka na području Grada Zagreba,

K.1.3 Opis promjena

A.7.2 Opis promjena Molimo upisati da li je, od posljednjeg izvješćivanja, bilo promjena i kojih

K.1.4 Period izvješćivanja

K.1.4 Godina izvješćivanja 2015 Godina na koju se odnose podaci 2013

K.2.2 Kod mjere

K.2.2 Kod mjere M_HR002G_PH10_2015

K.2.3 Naziv

K.2.3 Naziv Promet

14.6 EIONET – CENTRAL DATA REPOSITORY

CENTRAL DATA REPOSITORY is a central repository / storage / data space that is part of ReportNet. (ReportNet is a group of web applications and processes developed by the EEA to support international environmental reporting).

CDR - The central data repository / storage / space is like a bookcase, with environmental data submitted to it

Each country has their own (✉) map for data submission.

<https://cdr.eionet.europa.eu/>

The screenshot shows the EIONET Central Data Repository homepage. The top navigation bar includes links for 'SERVICES', 'REPORTNET', 'TOOLS', and 'TOPICS (ETCS)'. A sidebar on the left contains links for 'Services' (Search by obligation, Search XML files, Search for feedback, Global worklist, Notifications, Help), 'Account Services' (I have, lost my password), and a 'Note' button. The main content area displays a list of countries and territories under three sections: 'EEA Member countries', 'Other countries and territories', and 'International organisations'. Each entry is preceded by a small map icon. To the right of the list is a sidebar titled 'Global worklist' containing links for 'Search by obligation', 'Search for feedback', 'Search XML files', and 'Recent uploads', followed by a scrollable list of recent uploads including 'NO retro-2016-v1', 'NO CEMP data - 2017 delivery - Hydrochemistry', 'MT Informative inventory report for 2015 update', 'MT Annex VI LPS emissions', 'Annex VI LPS emissions test', 'SI 06 November 2017 - New targets', 'SK D report 2016 CO added', and 'SK D report 2016 CO added1'. At the bottom of the page, there is a note about helpdesk support and a document modification history.

The Central Data Repository is part of the Reportnet architecture. The Central Data Repository is like a bookshelf, with data reports on the environment as submitted to international clients.

Each country either has a collection (map icon) for its deliveries or a referral (blue arrow icon) to a different preferred repository. The data reports within each country collection are arranged under the relevant reporting obligations or agreements.

EEA Member countries

- Austria
- Croatia
- Denmark
- France
- Hungary
- Italy
- Lithuania
- Netherlands
- Portugal
- Slovenia
- Switzerland
- Belgium
- Cyprus
- Estonia
- Germany
- Iceland
- Latvia
- Luxembourg
- Norway
- Romania
- Spain
- Turkey
- Bulgaria
- Czech Republic
- Finland
- Greece
- Ireland
- Liechtenstein
- Malta
- Poland
- Slovakia
- Sweden
- United Kingdom

Other countries and territories

- Albania
- Azerbaijan
- Georgia
- Kosovo (UNSCR 1244/99)
- Monaco
- Serbia
- Turkmenistan
- Andorra
- Belarus
- Gibraltar
- Kyrgyzstan
- Montenegro
- Tajikistan
- Armenia
- Bosnia and Herzegovina
- Kazakhstan
- Moldova
- Russia
- The former Yugoslav Republic of Macedonia
- Uzbekistan

International organisations

- European Red List of birds
- European Union

Need help? First try the [On-line CDR help](#) then ask the Eionet helpdesk: helpdesk@eionet.europa.eu

Eionet helpdesk will provide assistance for: Upload access for new users, Password problem, Difficulties during upload procedure, Download problems

Document last modified 2017/10/13. [Legal notice](#)

14.6 EIONET – CENTRAL DATA REPOSITORY

Submitted data within each country are organized according to relevant reporting obligations or agreements.

<http://cdr.eionet.europa.eu/hr>

The screenshot shows the EIONET Central Data Repository homepage for Croatia. The top navigation bar includes links for SERVICES, REPORTNET, TOOLS, and TOPICS (ETCS). The main content area is titled "Croatia" and features a section for "Envelopes and subcollections" with links to various environmental conventions and agreements. A sidebar on the right lists reporting deadlines for different directives, such as the Bern Convention (28 Jan 2013), EEA requests (19 Nov 2015), and European Union (EU) obligations (20 Sep 2017).

<http://cdr.eionet.europa.eu/hr/eu/>

The screenshot shows the EIONET Central Data Repository homepage for EU reporting. The main content area displays a list of various EU directives and their reporting requirements, such as the Marine Strategy Framework Directive, Natura 2000 network, and Water Framework Directive. To the right of the list, a column shows the reporting deadline for each item, ranging from 24 Mar 2011 to 18 Jan 2016.

14.6 EIONET – CENTRAL DATA REPOSITORY

By accession to the European Union, the Republic of Croatia has undertaken to submit information / data on air quality to the European Commission.

For this reason, in 2014 HAOP developed the portal "Air Quality in the Republic of Croatia", which contains all the information required for IPR reporting, and allows to generate.xml files that are delivered to the CDR.

From 2014 (data for 2013, 2013 - was the first year for which official data had to be submitted) The Republic of Croatia submits air quality data to the European Commission and thus fulfills all its air quality reporting requirements required by the implementing Decision 2011/850 / EU for Directives 2008/50 / EC and 2004/107 / EC.

14.6 EIONET – CENTRAL DATA REPOSITORY

Data submitted
by the Republic
of Croatia on
air quality on
CDR in
accordance
with Directives
2008/50 / EC
and 2004/17 /
EC

All data
– from B to G
and from H to K



The screenshot shows the EIONET Central Data Repository interface. The top navigation bar includes links for SERVICES, REPORTNET, TOOLS, and TOPICS (ETCS). The main content area displays the breadcrumb trail: You are here: Eionet > CDR > Croatia > European Union (EU) obligations > Reporting under air quality directives 2004/107/EC and 2008/50/EC. A sidebar on the left contains sections for Services (Search by obligation, Search XML files, Search for feedback, Global worklist, Notifications, Help), Account Services (I have lost my password), and a Note section encouraging users to subscribe to receive notifications. The main content area features an "Overview" tab and a list of reporting requirements categorized by article: (B) Information on zones and agglomerations (Article 6), (B) Preliminary information on zones and agglomerations (Article 6), (C) Information on the assessment regime (Article 7), (C) Preliminary information on the assessment regime (Article 7), (D) Information on the assessment methods (Articles 8 and 9), (D1b) Information on the assessment methods (Articles 8 and 9) - for models and objective estimation, (E1a) Information on primary validated assessment data - measurements (Article 10), (E1b) Information on primary validated assessment data - modelled (Article 10), (E2a) Information on primary up-to-date assessment data - measurements (Article 10), (F1a) Information on generated aggregated data - primary validated measurements (Article 11), (F1b) Information on generated aggregated data - primary validated modelled (Article 11), (F2) Information on generated aggregated data - primary up-to-date measurements (Article 11), (G) Information on the attainment of environmental objectives (Article 12), (H) Information on air quality plans (Article 13), (I) Information on source apportionment (Article 13), (J) Information on the scenario for the attainment year (Article 13), and (K) Information on measures (Articles 13 and 14). Each requirement is followed by its due date: 14 Sep 2017, 24 Apr 2017, 15 Sep 2017, 28 Dec 2016, 26 Sep 2017, 21 Sep 2017, 27 Sep 2017, 09 Oct 2015, 08 Sep 2014, 08 Sep 2014, 09 Oct 2015, 08 Sep 2014, 27 Sep 2017, 06 Feb 2017, 06 Feb 2017, 07 Feb 2017, and 07 Feb 2017.

<http://cdr.eionet.europa.eu/hr/eu/aqd>

14.6 EIONET – CENTRAL DATA REPOSITORY

- **EUROPEAN AIR QUALITY PORTAL**

<http://eeadmz1-cws-wp-air.azurewebsites.net/>

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](#).

CDR can be accessed via European Air Quality Portal developed and maintained by the European Environment Agency **EEA**

LATEST NEWS

IMPORTANT DOCUMENTS

LINKS

SEARCH

14.6 EIONET – CENTRAL DATA REPOSITORY

From here all officially submitted air quality data that are obligatory delivered according to Decision 2011/850 / EC can be accessed....

The screenshot shows the top navigation bar of the European Air Quality Portal. It features the European Environment Agency logo, a phone number (+49 33 36 71 00), and an email address (sqjpheldeick@ionat.europla.eu). The main menu includes links for HOME, NEWS, REPORTING REQUIREMENTS, TOOLBOX, PRODUCTS, and IPR TECHNICAL MEETINGS.

REPOSITORY

Home / Toolbox for e-reporting / Repository

ALL OFFICIAL DELIVERIES TO DATE FOR ANY COUNTRY

DIRECT ACCESS TO COUNTRY FOLDERS FOR REPORTING UNDER DECISION 2011/850/EC
CDR TESTING 2011/850/EC

ALL OFFICIAL DELIVERIES TO DATE FOR ANY COUNTRY

All official submission must be done to the official Central Data Repository (CDR).

You need reporting rights to upload files to the official CDR and follow the [submission and resubmission rules](#).

- A Information on zones and agglomerations (Article 6)
- B Preliminary information on zones and agglomerations (Article 6)
- C Information on the assessment regime (Article 7)
- C Preliminary information on the assessment regime (Article 7)
- D Information on the assessment methods (Articles 8 and 9) – for fixed and indicative measurements
- D_a Information on the assessment methods (Articles 8 and 9) – for models and objective estimation
- E_a Information on primary validated assessment data – measurements (Article 10)
- E_b Information on primary validated assessment data – modelled (Article 10)
- E_{2a} Information on primary up-to-date assessment data – measurements (Article 10) – DATA TO BE PROVIDED VIA FTP
- G Information on the attainment of environmental objectives (Article 12)
- H Information on air quality plans (Article 13)
- I Information on source apportionment (Article 13)
- J Information on the scenario for the attainment year (Article 13)
- K Information on measures (Articles 13&14)

<http://eeadmv1-cws-wp-air.azurewebsites.net/toolbox-for-e-reporting/repository/>

14.6 EIONET – CENTRAL DATA REPOSITORY

Data on CDR
for Croatia

All data
– from B to
G
and from H
to K

Each type of
data is in a
separate
folder

The screenshot shows the EIONET Central Data Repository homepage. The top navigation bar includes links for SERVICES, REPORTNET, TOOLS, and TOPICS (ETCS). The main content area displays the breadcrumb trail: You are here: Eionet > CDR > Croatia > European Union (EU) obligations > Reporting under air quality directives 2004/107/EC and 2008/50/EC. On the left sidebar, there are sections for Services (with links to Search by obligation, XML files, feedback, worklist, notifications, and help), Account Services (with links to password recovery and a note about notifications), and a Note section encouraging users to subscribe for notifications. The main content area features an "Overview" tab and a list of subcollections under "Reporting under air quality directives 2004/107/EC and 2008/50/EC". The subcollections are listed in pairs, each with a small icon, a link, and a date. The subcollections are: (B) Information on zones and agglomerations (Article 6), (B) Preliminary information on zones and agglomerations (Article 6), (C) Information on the assessment regime (Article 7), (C) Preliminary information on the assessment regime (Article 7), (D) Information on the assessment methods (Articles 8 and 9), (D1b) Information on the assessment methods (Articles 8 and 9) - for models and objective estimation, (E1a) Information on primary validated assessment data - measurements (Article 10), (E1b) Information on primary validated assessment data - modelled (Article 10), (E2a) Information on primary up-to-date assessment data - measurements (Article 10), (F1a) Information on generated aggregated data - primary validated measurements (Article 11), (F1b) Information on generated aggregated data - primary validated modelled (Article 11), (F2) Information on generated aggregated data - primary up-to-date measurements (Article 11), (G) Information on the attainment of environmental objectives (Article 12), (H) Information on air quality plans (Article 13), (I) Information on source apportionment (Article 13), (J) Information on the scenario for the attainment year (Article 13), and (K) Information on measures (Articles 13 and 14).

Subcollection	Date
(B) Information on zones and agglomerations (Article 6)	14 Sep 2017
(B) Preliminary information on zones and agglomerations (Article 6)	24 Apr 2017
(C) Information on the assessment regime (Article 7)	15 Sep 2017
(C) Preliminary information on the assessment regime (Article 7)	28 Dec 2016
(D) Information on the assessment methods (Articles 8 and 9)	26 Sep 2017
(D1b) Information on the assessment methods (Articles 8 and 9) - for models and objective estimation	21 Sep 2017
(E1a) Information on primary validated assessment data - measurements (Article 10)	27 Sep 2017
(E1b) Information on primary validated assessment data - modelled (Article 10)	09 Oct 2015
(E2a) Information on primary up-to-date assessment data - measurements (Article 10)	08 Sep 2014
(F1a) Information on generated aggregated data - primary validated measurements (Article 11)	08 Sep 2014
(F1b) Information on generated aggregated data - primary validated modelled (Article 11)	09 Oct 2015
(F2) Information on generated aggregated data - primary up-to-date measurements (Article 11)	08 Sep 2014
(G) Information on the attainment of environmental objectives (Article 12)	27 Sep 2017
(H) Information on air quality plans (Article 13)	06 Feb 2017
(I) Information on source apportionment (Article 13)	06 Feb 2017
(J) Information on the scenario for the attainment year (Article 13)	07 Feb 2017
(K) Information on measures (Articles 13 and 14)	07 Feb 2017

<http://cdr.eionet.europa.eu/hr/eu/aqd>

14.6 EIONET – CENTRAL DATA REPOSITORY

Data on CDR

for Croatia

In each type of data, there are folders by years of delivery - the latest maps for each year contain the most recent sent data – those are the valid ones

The screenshot shows the EIONET Central Data Repository homepage. The top navigation bar includes links for 'SERVICES', 'REPORTNET', 'TOOLS', and 'TOPICS (ETCS)'. The main content area displays the breadcrumb trail: You are here: Eionet > CDR > Croatia > European Union (EU) obligations > Reporting under air quality directives 2004/107/EC and 2008/50/EC > (G) Information on the attainment of environmental objectives (Article 12). The left sidebar contains sections for 'Services' (with links to Search by obligation, XML files, feedback, worklist, notifications, and help), 'Account Services' (with links to I have and lost my password), and a 'Note' box encouraging users to subscribe to receive notifications. The right sidebar lists various subcollections with their last modified dates:

Subcollection	Last Modified
2016-v1	28 Sep 2017
2013-fin 4 addendum	10 Aug 2017
2015-v4	28 Dec 2016
2015-v3	22 Dec 2016
2015-v2	07 Oct 2016
2015-v1	13 Sep 2016
2014-v1	30 Sep 2015
2013-fin_3	24 Dec 2014
2013-fin_2	14 Nov 2014
2013-fin	30 Sep 2014
test	02 Sep 2014

At the bottom of the page, a green footer bar states: Document last modified 2017/09/27. [Legal notice](#).

<http://cdr.eionet.europa.eu/hr/eu/aqd/g/>

14.6 EIONET – CENTRAL DATA REPOSITORY

Each folder
contains:

- the obligation to report,
- the period for which is to be reported,
- the date when data was published,
- status (whether it's done and whether the data is available to the public or delivery is still in progress)

The screenshot shows the EIONET Central Data Repository interface. On the left, there's a sidebar with 'Services' (Search by obligation, Search XML files, etc.) and 'Account Services' (I have, lost my password). The main content area has tabs for Overview, History, and Data quality, with Overview selected. It displays the following information:
Description
Obligations (G) Information on the attainment of environmental objectives (Article 12)
Period 2016 - Whole Year
Coverage Croatia
Reported 28 Sep 2017 09:12
Status Envelope is complete
Note: If you want to stay updated about events in this envelope [Subscribe to receive notifications](#) for this country and the current dataflow(s).
Files in this envelope: HR_G_20170927143359756.xml (27 Sep 2017 | 325 KB)
Feedback for this envelope:

- AutomaticQA result for file HR_G_20170927143359756.xml: Check Obligations (Posted automatically on 28 Sep 2017)
- AutomaticQA result for file HR_G_20170927143359756.xml: XML Schema validation (Posted automatically on 28 Sep 2017)
- AutomaticQA result for AirQuality Dataflow G (Posted automatically on 28 Sep 2017)
- Confirmation of receipt (Posted automatically on 28 Sep 2017)
- Technically accepted (Posted automatically on 28 Sep 2017)

<http://cdr.eionet.europa.eu/hr/eu/aqd/g/envwcubcw/>

14.6 EIONET – CENTRAL DATA REPOSITORY

Each folder
contains

- .xml file with
submitted data
and date of
delivery

The screenshot shows the EIONET Central Data Repository interface. The top navigation bar includes links for EEA, Login, and other tools. The main header reads "EIONET Central Data Repository". Below the header, a breadcrumb trail indicates the current location: Eionet > CDR > Croatia > European Union (EU) obligations > Reporting under air quality directives 2004/107/EC and 2008/50/EC > (G) Information on the attainment of environmental objectives (Article 12) > 2016-v1.

The left sidebar contains "Services" (Search by obligation, Search XML files, Search for feedback, Global worklist, Notifications, Help) and "Account Services" (I have lost my password). A "Note" box encourages users to subscribe to notifications.

The central content area displays an "Overview" tab for "2016-v1". Key details include:

- Description:** Obligations ([\(G\) Information on the attainment of environmental objectives \(Article 12\)](#))
- Period:** 2016 - Whole Year
- Coverage:** Croatia
- Reported:** 28 Sep 2017 09:12
- Status:** Envelope is complete

A "Note" section provides instructions for staying updated about events in the envelope, with a link to subscribe to notifications.

The "Files in this envelope" section lists one file: [HR_G_20170927143359756.xml](#) (27 Sep 2017 | 325 KB), which is circled in red.

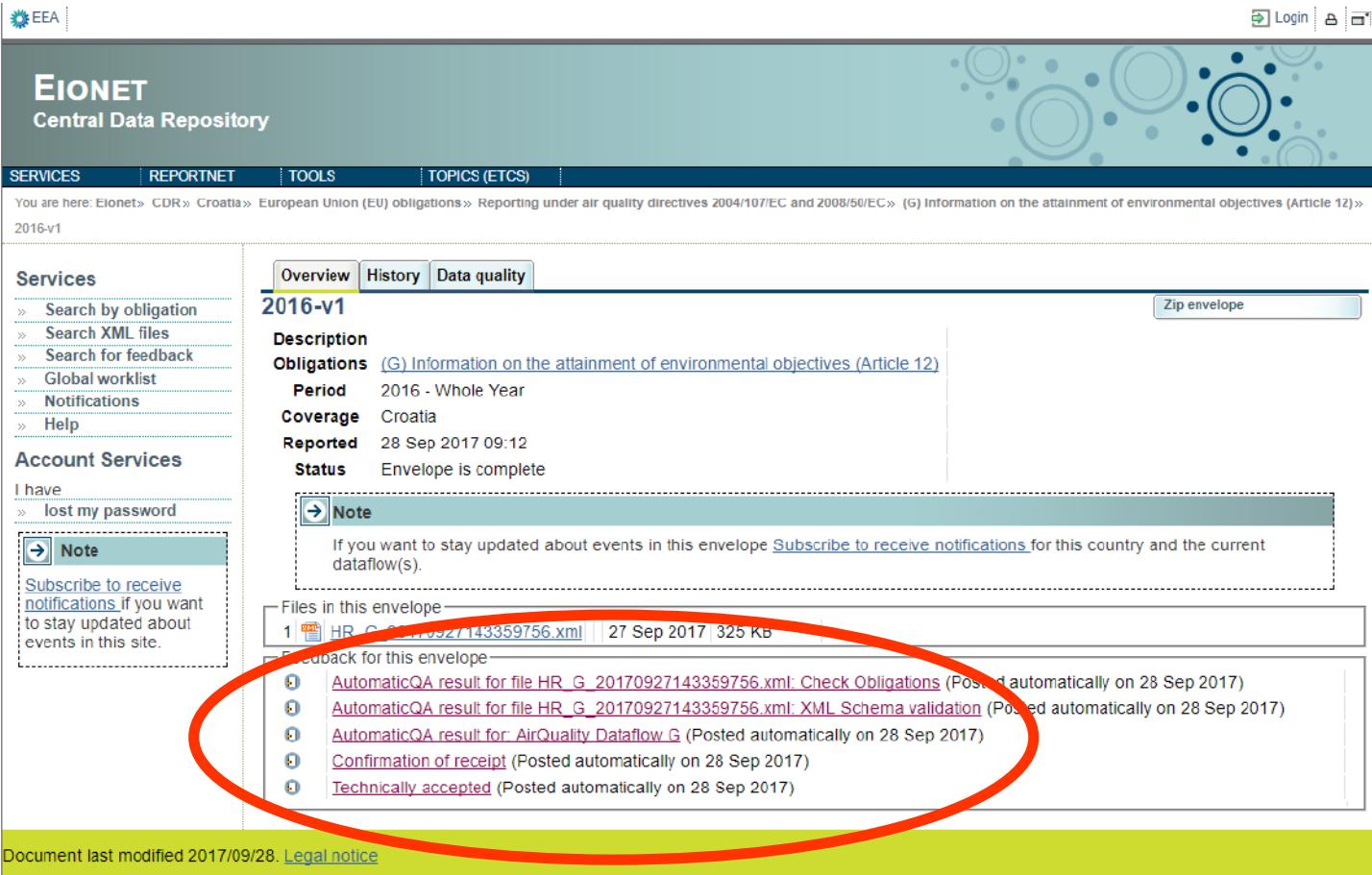
The bottom of the page includes a note about document modification and a legal notice link.

<http://cdr.eionet.europa.eu/hr/eu/aqd/g/envwcubcw/>

14.6 EIONET – CENTRAL DATA REPOSITORY

Each folder contains links to:

- Automatic QA checks that every.xml file has to pass
- Confirmation receipt of file from EEA
- Confirmation that the file is technically accepted



The screenshot shows the EIONET Central Data Repository interface. The main navigation bar includes 'SERVICES', 'REPORTNET', 'TOOLS', and 'TOPICS (ETCS)'. The current page path is: You are here: Eionet > CDR > Croatia > European Union (EU) obligations > Reporting under air quality directives 2004/107/EC and 2008/50/EC > (G) Information on the attainment of environmental objectives (Article 12) > 2016-v1.

The left sidebar features a 'Services' menu with links to 'Search by obligation', 'Search XML files', 'Search for feedback', 'Global worklist', 'Notifications', and 'Help'. Below it is an 'Account Services' section with a 'lost my password' link.

The main content area displays an 'Overview' tab for '2016-v1'. It shows the following details:

- Description:** (G) Information on the attainment of environmental objectives (Article 12)
- Obligations:** (G) Information on the attainment of environmental objectives (Article 12)
- Period:** 2016 - Whole Year
- Coverage:** Croatia
- Reported:** 28 Sep 2017 09:12
- Status:** Envelope is complete

A 'Note' section contains a message about staying updated via notifications, with a link to 'Subscribe to receive notifications'.

The 'Files in this envelope' section lists one file: 'HR_G_20170927143359756.xml' (27 Sep 2017, 325 KB).

The 'Feedback for this envelope' section is circled in red and lists five items:

- AutomaticQA result for file HR_G_20170927143359756.xml: Check Obligations (Posted automatically on 28 Sep 2017)
- AutomaticQA result for file HR_G_20170927143359756.xml: XML Schema validation (Posted automatically on 28 Sep 2017)
- AutomaticQA result for AirQuality Dataflow G (Posted automatically on 28 Sep 2017)
- Confirmation of receipt (Posted automatically on 28 Sep 2017)
- Technically accepted (Posted automatically on 28 Sep 2017)

At the bottom, a note states 'Document last modified 2017/09/28. [Legal notice](#)'.

<http://cdr.eionet.europa.eu/hr/eu/aqd/g/envwcubcw/>

14.6 EIONET – CENTRAL DATA REPOSITORY

QA checks - every.xml files has to pass QA checks:

If there are BLOCKERS – file shall not be accepted...

If there are ERRORS – file shall be accepted but the reason for ERROR has to be explained...

The screenshot shows the EIONET Central Data Repository interface. At the top, there's a navigation bar with links for SERVICES, REPORTNET, TOOLS, and TOPICS (ETCS). Below the navigation, a message states: "Checked XML file: http://cdr.eionet.europa.eu/hr/eu/ajd/g/envwcubcw/HR_G_20170927143359756.xml" and "The envelope is attached to the following obligation: http://rod.eionet.europa.eu/obligations/679". A large red circle highlights two key messages: "This XML file passed all BLOCKER checks." and "This XML file passed all ERROR checks.". Below these messages, a detailed description explains the check evaluated delivery by executing tier-1 tests on air quality assessment regimes data in Dataflow G. It also provides a legend for test results: Blue (data confirms rule), Red (crucial check failed), Grey (check skipped due to no relevant values), and Orange (serious check failed). The "Test results" section lists several items with their status (e.g., All values are valid, New delivery for 2016, Show Records).

Test Result	Description	Status
NB	Check that the XML correctly provides XML's prefix/namespaces.	All values are valid
GO	Checks if this delivery is new or an update (on same reporting year).	New delivery for 2016
GO	Number of Attainments reported.	170 Show Records
INFO	Number of new Attainments compared to previous report. ERROR will be returned if XML is a	170 s found Show

http://cdr.eionet.europa.eu/hr/eu/ajd/g/envwcubcw/AutomaticQA_418322/ga-output/view

14.6 EIONET – CENTRAL DATA REPOSITORY

Result interpretation of QA check:

Blue – dana go through QA checks

Dark red- key test not passed=

BLOCKER – file not accepted.

Red – serious check would not pass

= ERROR – file shall be accepted
but the reason for ERROR has to
be explained.

Orange – non-key test not passed
– clarification and check are
required subsequently

Grey – test was skipped due to
unavailable data

The screenshot shows the EIONET Central Data Repository interface. At the top, there's a navigation bar with links for SERVICES, REPORTNET, TOOLS, and TOPICS (ETCS). Below the navigation, a message states: "Checked XML file: http://cdr.eionet.europa.eu/hr/eu/aqd/g/envwcubcw/HR_G_2017092714339756.xml; Check Obligations > qa-output". A link "Back to envelope" is also present. The main content area is titled "Check air quality attainment of environmental objectives - Dataflow G". It contains two blue boxes: "This XML file passed all BLOCKER checks." and "This XML file passed all ERROR checks.". Below these boxes, a note says: "This check evaluated the delivery by executing the tier-1 tests on air quality assessment regimes data in Dataflow G as specified in e-reporting QA/QC rules documentation." A red circle highlights the legend for test results, which includes color-coded bullet points: Blue (data confirms to rule), Red (crucial check did NOT pass and erroneous records found from the delivery), Grey (serious check did NOT pass and erroneous records found from the delivery), Orange (non-crucial check did NOT pass), and Grey (the check was skipped due to no relevant values found to check). A link "Click on the 'Show Records' link to see more details about the test result." is provided. At the bottom, there's a section titled "Test results" with several entries, each with a status code (e.g., INB, GO, G01, G02) and a brief description, followed by validation status and links to show records.

http://cdr.eionet.europa.eu/hr/eu/aqd/g/envwcubcw/AutomaticQA_418322/ga-output/view

14.6 EIONET – CENTRAL DATA REPOSITORY

Feedback of receipt confirmation and confirmation that the file is technically accepted is obtained only after the .xml file has passed all QA checks

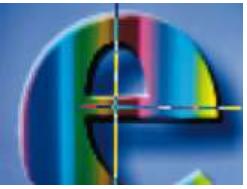
The screenshot displays two side-by-side screenshots of the EIONET Central Data Repository. Both screenshots show a 'Feedback: Confirmation of receipt' page.

Left Screenshot: This is a screenshot of the EIONET interface. At the top, it says 'EEA' and 'EIONET Central Data Repository'. Below that is a navigation bar with tabs: SERVICES, REPORTNET, TOOLS, and TOPICS (ETCS). A sidebar on the left contains sections for 'Services' (with links to 'Search by obligation', 'Search XML files', 'Search for feedback', 'Global worklist', 'Notifications', and 'Help'), 'Account Services' (with a link to 'lost my password'), and a note about subscribing to notifications. The main content area shows a message: 'Feedback: Technically accepted' with a subject of 'Technically accepted', posted automatically on '28 Sep 2017 09:12', and a feedback status of 'empty'. It also mentions a feedback message is empty. Below this, a note states 'Delivered data have been technically accepted by the EEA.'

Right Screenshot: This is a screenshot of the EIONET Central Data Repository. At the top, it says 'EEA' and 'EIONET Central Data Repository'. Below that is a navigation bar with tabs: SERVICES, REPORTNET, TOOLS, and TOPICS (ETCS). A sidebar on the left contains sections for 'Services' (with links to 'Search by obligation', 'Search XML files', 'Search for feedback', 'Global worklist', 'Notifications', and 'Help'), 'Account Services' (with a link to 'lost my password'), and a note about subscribing to notifications. The main content area shows a message: 'Feedback: Confirmation of receipt' with a subject of 'Confirmation of receipt', posted automatically on '28 Sep 2017 09:12'. It also mentions a feedback message is empty. Below this, a note states 'European Environment Agency Kongens Nytorv 6 DK 1050 Copenhagen K'. There is also a section titled 'To Whom It May Concern' which includes a note about national data submissions under reporting obligations and a link to 'Information on the attainment of environmental objectives (Article 12)'. It also mentions a delivery for 'Croatia' and provides an envelope number '1506515723' and a location 'http://cdr.eionet.europa.eu/hr/eu/aad/g/envwcubcw'. A note at the bottom states 'This confirmation is electronically generated by the Reportnet system and therefore not signed.'

<http://cdr.eionet.europa.eu/hr/eu/aad/g/envwcubcw/feedback1506515723>

<http://cdr.eionet.europa.eu/hr/eu/aad/g/envwcubcw/feedbackTA>



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