

Application, use and presentation of PRTR data (some Spanish experiencies)



PRTR-España

Ministry of Agriculture, Food and Environment

E-mail: info@prtr-es.es

www.prtr-es.es

Summary

- 1. How PRTR-España works**
- 2. Presentation of PRTR data to the public**
- 3. Functionalities for Facilities, Competent Authorities and System Administrator.**
- 4. Who uses PRTR register and for what?**
- 5. Capacity Building and Awareness Activities**

1.- How PRTR-España works

How PRTR-España works (1)

PRTR-España is designed as an integrated tool for gathering, management and dissemination of data, located in Internet, taking into account the Spanish legal competencial.

This integrated electronic tool is structured in two levels of access with different functionalities: **MEMBER AREA** and **PUBLIC INFORMATION**.

Who are “members”

FACILITIES (owners/operators): registration, notification and queries

COMPETENT AUTHORITIES : revision, validation, upload and data management;
Autonomous Communities (ACs), River Basin District (RBDs).

OTHER AUTHORITIES: water, wastes, air quality, ETS, national inventories and statistical, etc.

SYSTEM ADMINISTRATOR (management, public information, int. requirement, hosting maintenance): **Ministry.**

How PRTR-España works (2)

www.prtr-es.es

Member area

(data management):

facilities,
Competent Authorities
and Ministry.

Public website

Access to public data
and other information
to the Public in
general
and Stakeholders



PRTR ESPAÑA

PRTR-España is the *Spanish Register of Emissions and Pollutant Sources*. It provides information to the public on the pollutant releases to air, water and land, and off-site transfers of wastes not only from the main industrial facilities but also emissions from other point and diffuse sources, according to the international (Kiev Protocol and Aarhus Convention), European (E-PRTR Regulation) and Spanish regulation (*Real Decreto 508/2007* and its amendments). Information is available by facility and in aggregated way by industrial activity, pollutants and geographically.

INFORMATION

From Monday to Friday
9:00 am - 3:00 pm
(+34) 902 54 53 50

SUGGESTIONS

If you are interested in a particular issue or if you have any suggestion, please use our contact form. [Go to >](#)

TWITTER

PRTR España

prtr_es Desde el 17 de mayo están disponibles los datos PRTR en referencia al año 2011 en E-PRTR. [prtr.es/europa.eu?&utm_campaign=...](#)
yesterday's reply/retweet/favorite

prtr_es Evolución de las emisiones melano a la [#atmosfera](#) (2007-2012). gráfica generada en la página PRTR-España [pic.twitter.com/...](#) 5 days ago

NEWS

4/17/2013 Publicada la Decisión de la Guía MTD para el cemento

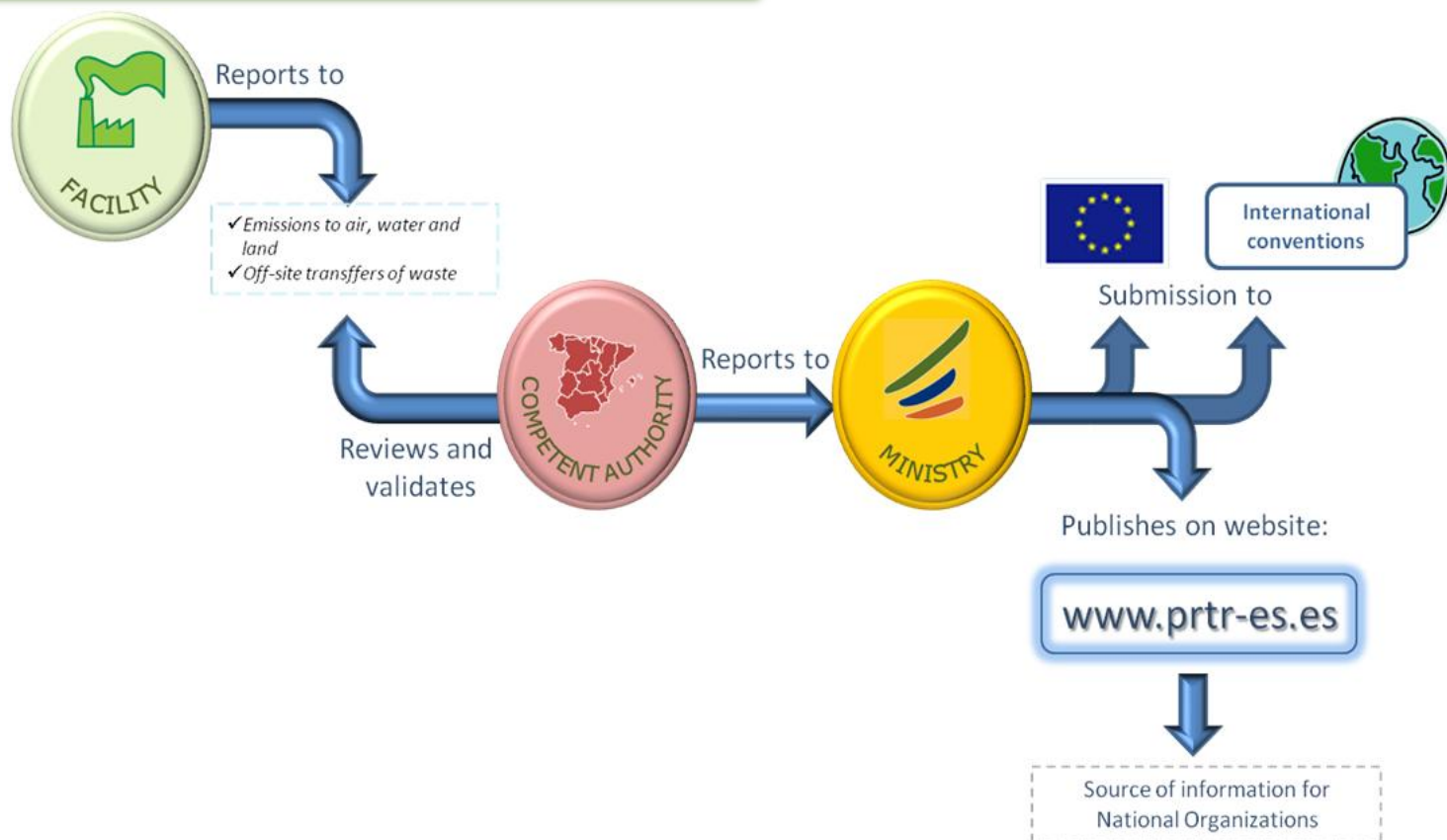
4/25/2013 Nueva normativa relativa a la Directiva de Emisiones Industriales en nuestro fondo documental

4/18/2013 ¿A qué actividades se dedican las instalaciones industriales en España?

3/22/2013 Período de validación de datos 2012

NEW DOCUMENTS

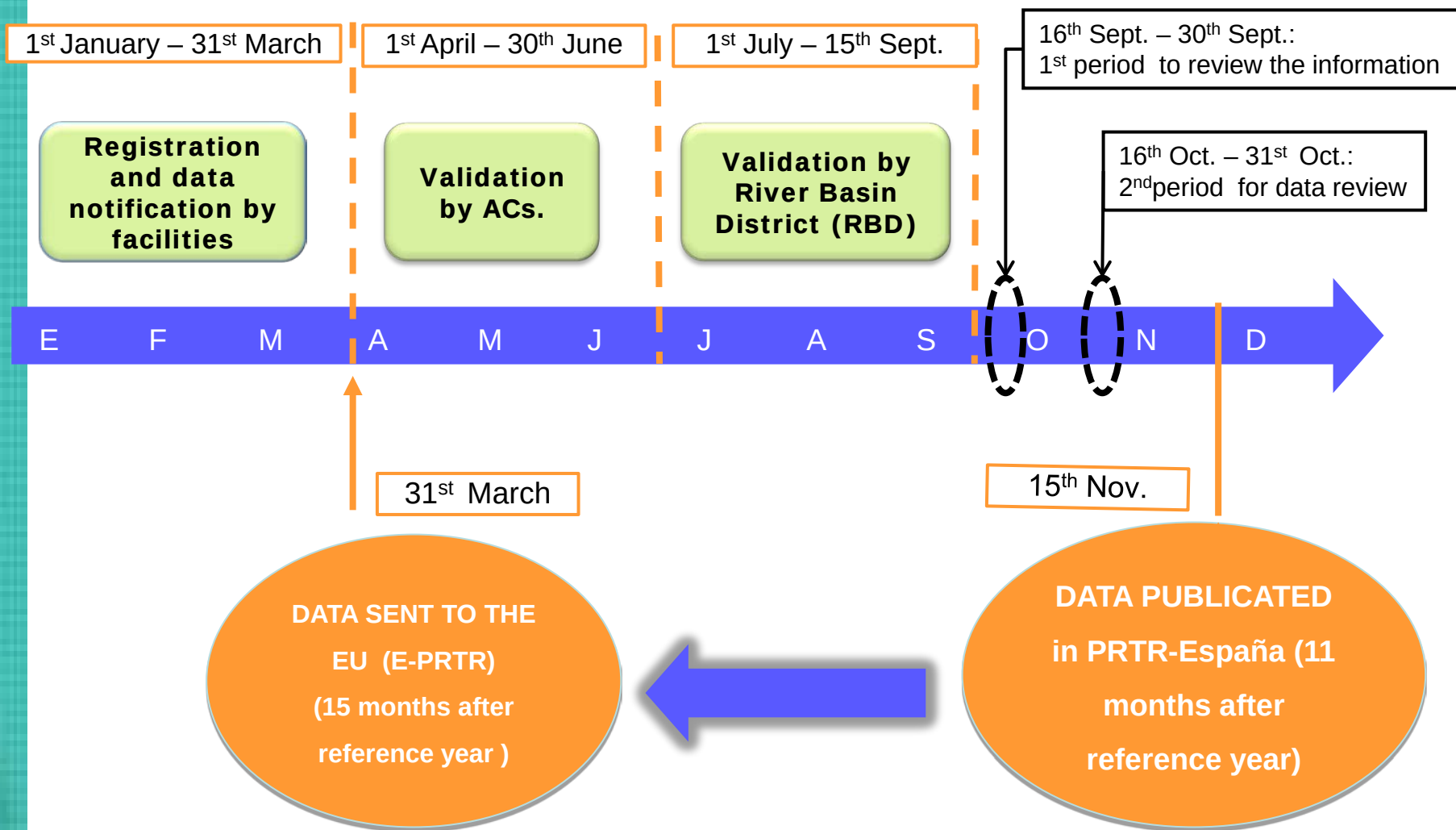
How PRTR-España works (3)



All the process is on Internet: www.prtr-es.es
Each member has different functionalities and periods of time to use it

How PRTR-España works (4)

Annual PRTR cycle



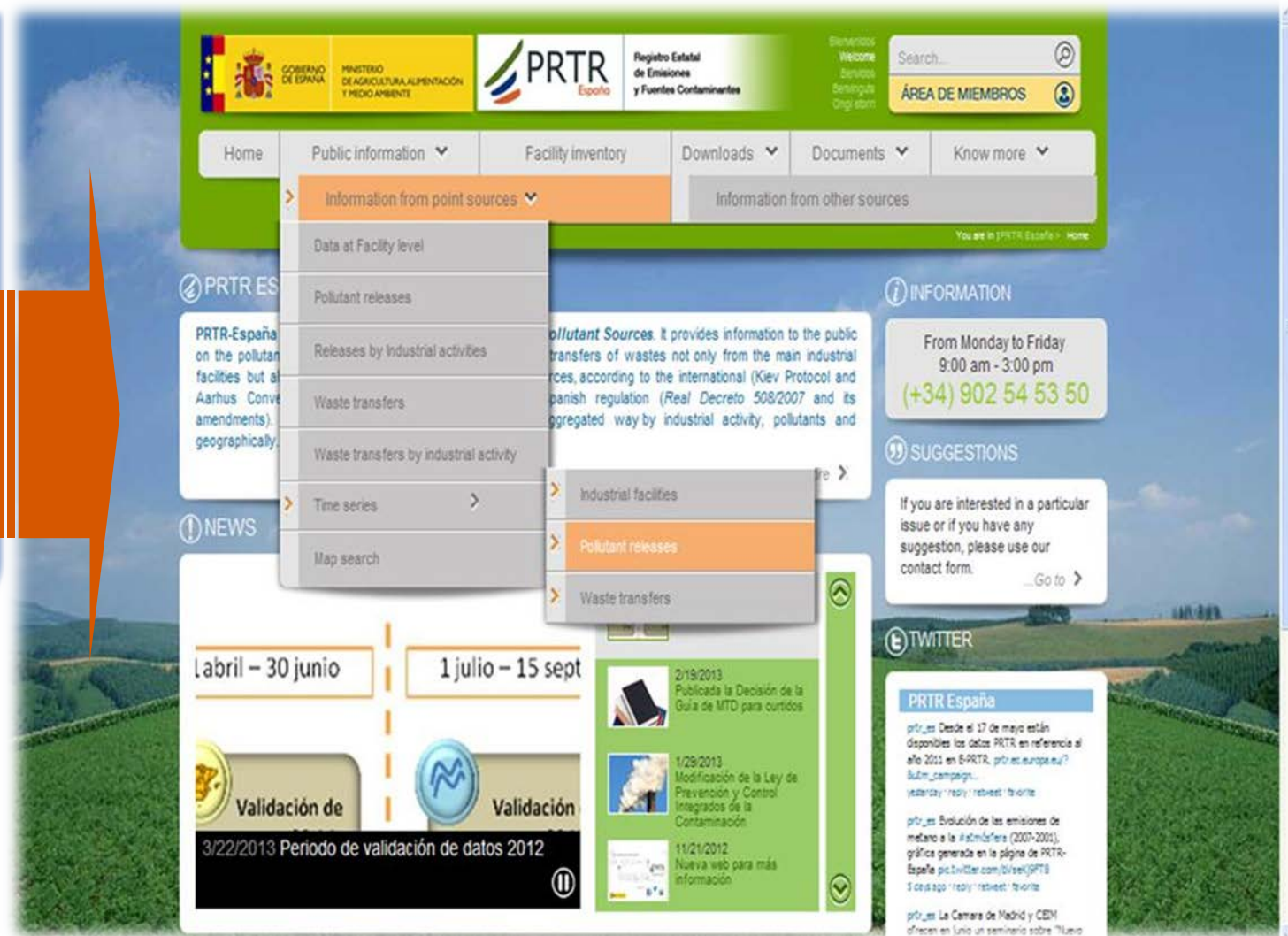
2.- Presentation of PRTR data to the public

www.prtr-es.es

<http://www.en.prtr-es.es/>

Presentation of PRTR data to the public (1)

Public information available in English. Not menu but full information



The screenshot shows the PRTR España website interface. The top navigation bar includes the Spanish Government logo, the Ministry of Agriculture, Food, and Environment, and the PRTR España logo. The main navigation menu is located below the header, with options for Home, Public information, Facility inventory, Downloads, Documents, and Know more. The 'Public information' menu is expanded, showing a list of options: Information from point sources, Data at Facility level, Pollutant releases, Releases by industrial activities, Waste transfers, Waste transfers by industrial activity, Time series, and Map search. The 'Information from point sources' option is highlighted. The main content area displays various sections, including 'PRTR España' (PRTR-España), 'INFORMATION' (From Monday to Friday 9:00 am - 3:00 pm, (+34) 902 54 53 50), 'SUGGESTIONS' (If you are interested in a particular issue or if you have any suggestion, please use our contact form), and 'TWITTER' (PRTR España). The bottom of the page features a calendar for the period from June 1st to September 15th, 2013, and a section for 'Validación de' (Validation of) data for the period 3/22/2013 to the end of 2012.

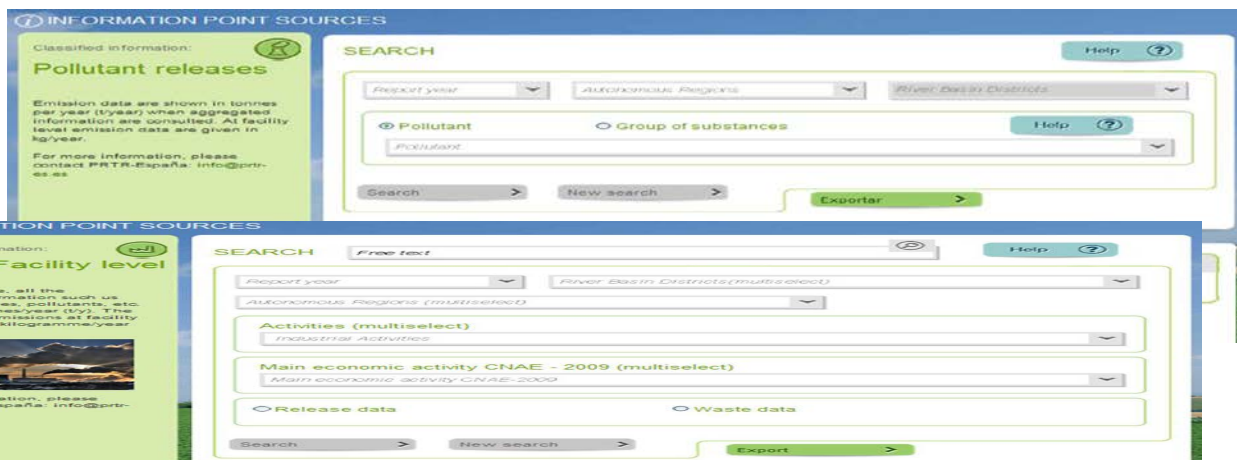
Presentation of PRTR data to the public (2)

There are different levels of accessing to the Public Information



Search possibilities

- ✓ Reported year (2001-2008)
- ✓ Free text (facility name, PRTR code)
- ✓ AA.CC. - Province
- ✓ River Basin District
- ✓ Industrial activity
- ✓ NACE
- ✓ Pollutant substance
- ✓ Emission to air, water, soil
- ✓ Waste (hazardous/non hazardous)
- ...

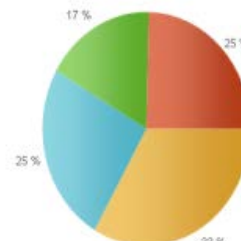


Presentation of PRTR data to the public (3)

Todas las comunidades - 5. Gestión de residuos.



**GEOGRAPHIC
AL LOCATION
(Google Map)**



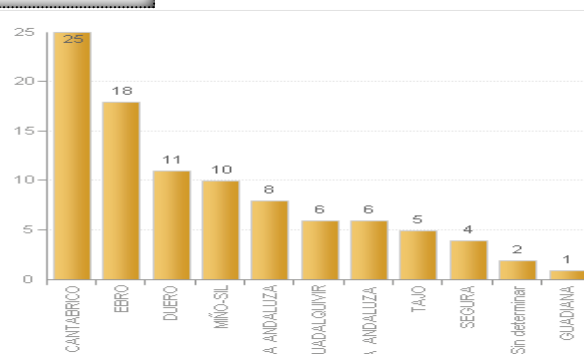
Peligroso Valorización

- 8 a Mataderos (cap. producción carnes > 50 t/año)
- 2.c.i Forjado con martillos (energía de impacto > 50 kJ por martillo ...)
- 9.e Instalaciones destinadas a la construcción, pintura o decapado de ...
- Otros

**GRAPHIC
Information**

DATA LIST

Nombre	Atmósfera (t/año)	Aqua directo (t/año)	Aqua indirecto (t/año)
1,2-dicloroetano (DCE)	-	0,5682	-
Amoniaco (NH3)	41.463,701738	-	-
Antraceno	0,193	0,0015	0,00107824
Arsénico y compuestos (como As)	4,27457	3,18216	0,776312
Atrazina	-	0,00284	-



The information in PRTR-España is offered in **data lists, general assessments, graphics, etc.**

Presentation of PRTR data to the public (4)

Prevención y control integrados
de la contaminación (IPPC).
Documento de referencia de Mejores Técnicas Disponibles
en la Industria de Fabricación de Vidrio
Documento BREF

Prevención y control integrados
de la contaminación (IPPC).
Documento de referencia
de Mejores Técnicas Disponibles en la Cría
Intensiva de Aves de Corral y Cerdos
Documento BREF

Guía de Mejores Técnicas
Disponibles en España
de fabricación de cemento

TECHNICAL DOCUMENTS

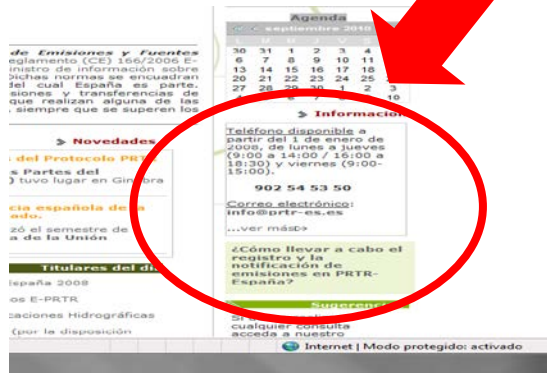
BREF, BAT CONCLUSION DOCUMENTS,...

LEGISLATION (EU, SPANISH INTERNATIONAL)

Presentation of PRTR data to the public (5)

www.prtr-es.es

Public
information/
public
participation



Suggestion/questions



info@prtr-es.es



+34 902 54 53 50

Si no encuentra lo que buscaba o desea realizar alguna sugerencia, formule aquí su consulta. Los campos señalados con un asterisco son obligatorios

Nombre y apellido

Organización

correo electrónico (*)

Pregunta (*)

3.- Functionalities for Facilities, Competent Authorities and System Administrator

PRTR-España Functionalities (1)

Owners/operators

Año	Estado	Notificación Aire	Notificación Agua	Notificación Residuos	Emissiones	Residuos	Información histórica	Consumos
2001								
2002								
2003								
2004								
2005								
2006								
2007								
2008								
2009								
2010								

Access to their data of every years
In every cases, reported vs validated data are shown.
Download files in Excel/XML formats

Data reported by facility

Contaminante	M/C/E	Cantidad	C. Acc.	S. Umb.	% Umb.
Metano (CH4)	C	695000	0	Si	595%
Monóxido de carbono (CO)	M	2950000	0	Si	490%
Dióxido de carbono (CO2)	C	2160000000	0	Si	2060%
Óxido nitrroso (N2O)	C	221000	0	Si	2110%
Amoniaco (NH3)	C	244000	0	Si	2340%
Compuestos orgánicos volátiles distintos del metano (COVNM)	C	4280000	0	Si	4180%
Óxidos de nitrógeno (NOx/NO2)	M	5380000	0	Si	5280%
Óxidos de azufre (SOx/SO2)	M	10200000	0	Si	6700%
Arsénico y compuestos (como As)	C	121	0	Si	505%
Cadmio y compuestos (como Cd)	C	247	0	Si	2370%

Data validated by competent authorities

Contaminante	M/C/E	Cantidad	C. Acc.	S. Umb.	% Umb.	% Año Ant.	Cod.	Ed.	Ve
etano (CH4)	C	695000	0	Si	595%	-13,88%	SSC		
óxido de carbono (CO)	M	2950000	0	Si	490%	-6,65%	ALT		
óxido nitrroso (N2O)	C	2160000000	0	Si	2060%	-15,95%	NRB		
moniaco (NH3)	C	221000	0	Si	2110%	-18,45%	SSC		
compuestos orgánicos volátiles distintos del metano (COVNM)	C	244000	0	Si	2340%	-15,28%	SSC		
óxidos de nitrógeno (NOx/NO2)	M	4280000	0	Si	4180%	-14,4%	SSC		
óxidos de azufre (SOx/SO2)	M	5380000	0	Si	5280%	-14,47%	ALT		
arsénico y compuestos (como As)	C	10200000	0	Si	6700%	-21,54%	ALT		
cadmio y compuestos (como Cd)	C	121	0	Si	505%	-19,33%	SSC		

PRTR-España Functionalities (2)

Competent Authorities

Datos generales de la Autoridad Competente

Identificación de la Autoridad

Contactos

Industriales

Complejos

Emissiones

Residuos

Facilities

Filtrado - Actividades / Categorías PRTR

Filtrado - Comunidad / Provincia

Filtrado - CNAE

Filtrado - Perfil Ambiental aire

Filtrado - AAI/VLE

Buscar

Emissions

Listado de Emisiones

Filtrado - Texto libre

Filtrado - Comunidad / Provincia

Filtrado - Actividades / Categorías PRTR

Filtrado - Contaminante

Filtrado - Límite umbral

Filtrado - Estado

Filtrado - Cuenca

Filtrado - Medio receptor

Filtrado - Metodo de obtención del dato

Filtrado - Periodo

Filtrado - Roles

Wastes

Filtrado - Peligroso

Filtrado - Roles

Not only for revision/validation data but also multiple options for consultation and download files per each selection made

Download the files per each selection made

Exportar a Xml

Exportar a Xml Simplificado

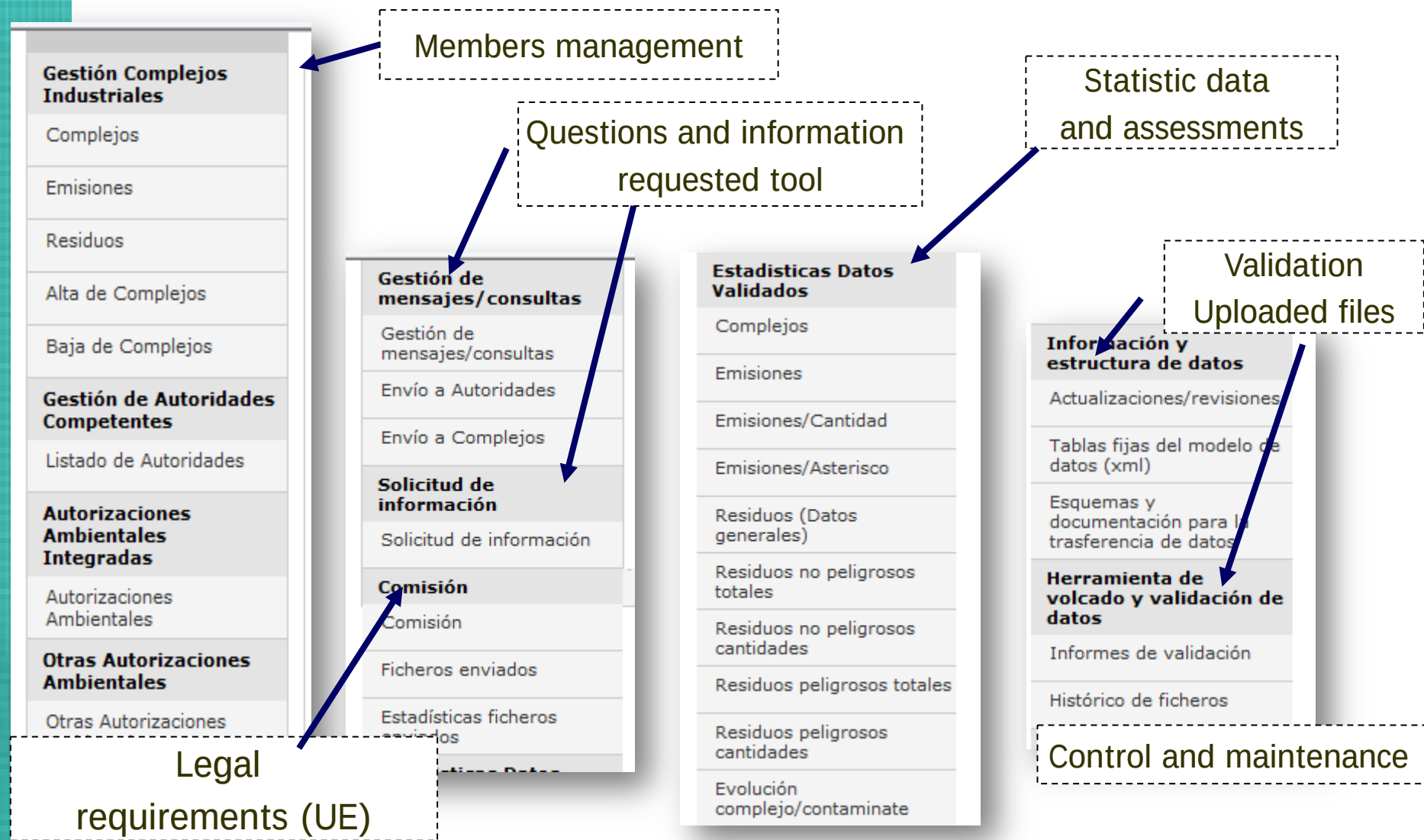
Contaminante	Medio receptor	M/C/L	Cantidad	C. Acc.	S. Umb.	% Umb.	% Año Ant.	Nombre	CCAA	Periodo	Role	PRTR
eno	Aire	M	5,6	0	No	99,44%	0%	FERROATLANTICA-FÁBRICA DE SABON	Galicia	2008	CI	4.b.v
eno	Aire	M	5,6	0	No	99,44%	90,34%	FERROATLANTICA-FÁBRICA DE SABON	Galicia	2008	CA	4.b.v
ono orgánico total	Colector	...	529	0	No	98,94%	0%	LONZA BIOLOGICS PORRIÑO	Galicia			

Pel.	Op.	M/C/L	Cantidad	Nombre	CCAA	Provincia	Periodo	Ro
Si	R1	M	1070	HIJOS DE RIVERA,S.A.	Galicia	Coruña (A)	2007	
Si	R1	M	1	HIJOS DE RIVERA,S.A.	Galicia	Coruña (A)	2008	

d	CodigoLER	Descripción	Pel.	Op.	M/C/L	Cantidad	Nombre
163	13 02 05	Aceites minerales no clorados de motor, de transmisión mecánica y lubricantes	Si	R1	M	1070	HIJOS DE RIVERA,S.A.
168	13 02 05	Aceites minerales no clorados de motor, de transmisión mecánica y lubricantes	Si	R1	M	1	HIJOS DE RIVERA,S.A.
169	13 02 05	Aceites minerales no clorados de motor, de transmisión mecánica y lubricantes	Si	R1	M	1,28	HIJOS DE RIVERA,S.A.
168	16 07 08	Residuos que contienen hidrocarburos	Si	R1	M	1	HIJOS DE RIVERA,S.A.

PRTR-España Functionalities (3)

System administrator



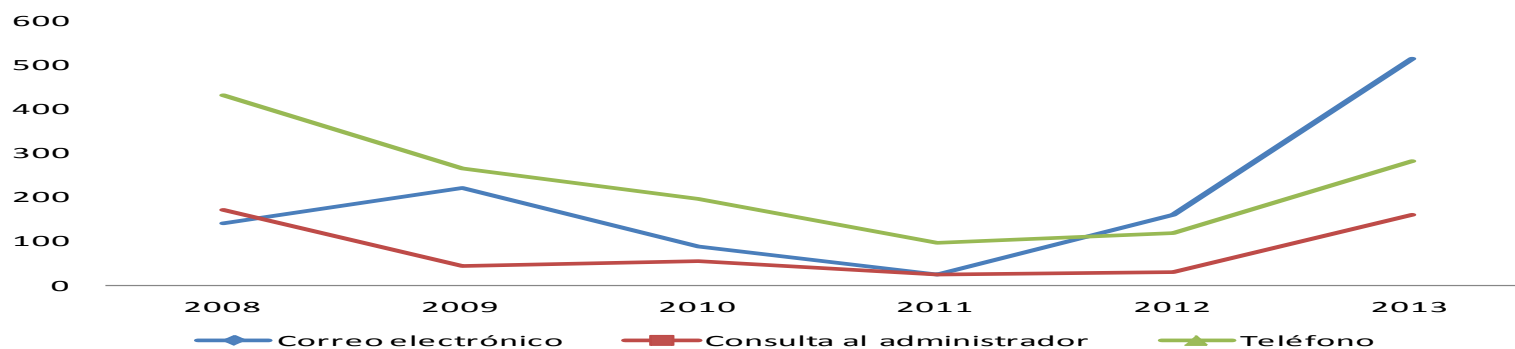
4.- Who uses PRTR-España register and for what?

Who uses PRTR-España (1)

www.prtr-es.es

Queries from...	Average (2012-2013)	Main users	When?/What for?
Telephone	≈ 280	Owners/operators	During the reporting period (questions, doubts,...),
E-mail	≈ 520	University, Tecnological Institutions, Competents Authorities, Industry, NGOs, also public	Resquests for specific /adittional information. Throughtout the year
Direct to the system administrator	≈ 160	Competent Authorities and owners/operators	Specific questions, consultations, doubtst, during the reporting/validation processes

Evolución del nº de consultas recibidas



Visitas a PRTR-España (web parte pública)

Annual visits (average)
2012-2013

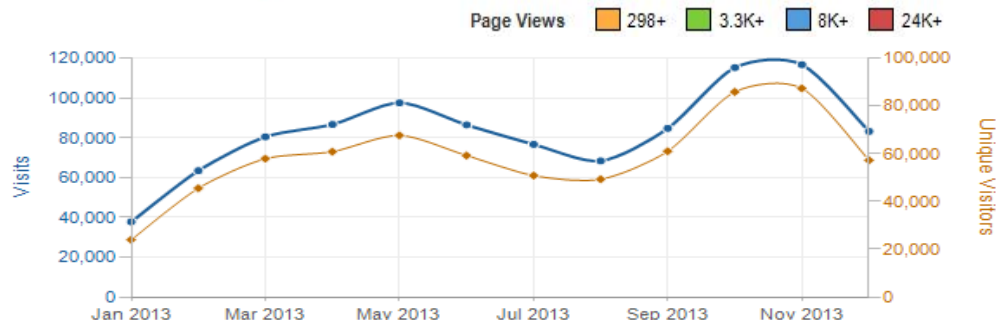
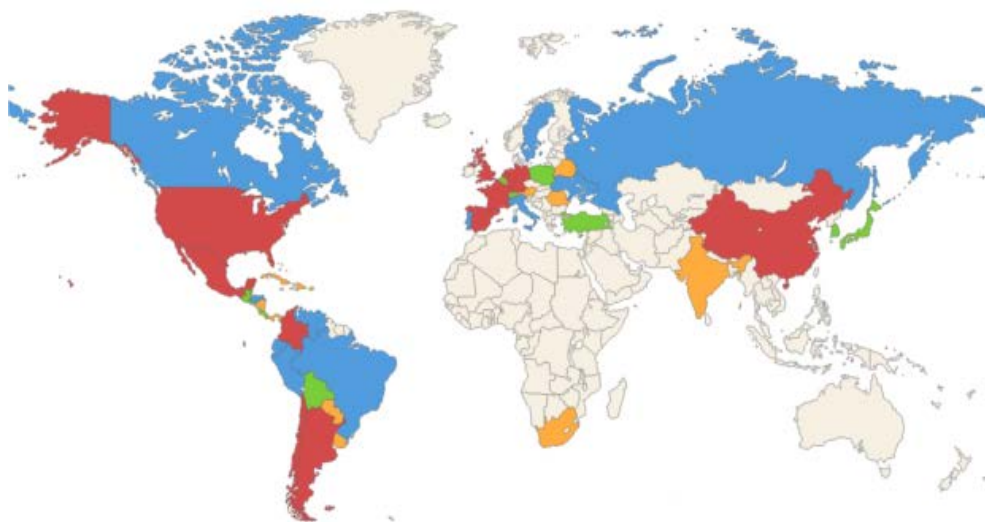
≈
1,000,000 (996,864)

Main user

University, Tecnological Institutions,
Competents Authorities, Industry, NGOs,
also public , etc...

When and What for

Resquests for information on
emissions, facility inventory, time
series, etc...Throughtout the year



COUNTRY		VISITS
1	SPAIN	449,558
2	USA	76,211
3	MEXICO	71,559
4	COLOMBIA	45,947
5	UK	30,676
6	PERU	30,660
7	CHINA	29,616
Others:		Germany, Argentina, France, Canada, Chile, Ecuador, The Nederland, Japan, Bolivia, Sweden, Italy, Poland, Russia, Guatemala, Ucrany, Rep. Dominicana, Portugal, Costa Rica, Turkey, Romania, India, Belize, Uruguay, Nicaragua, El Salvador, Korea, Brazil, Puerto Rico, Honduras, Belgium, Switzerland, South Africa, Belarus and 132 more....

Who uses PRTR-España (2)

www.prtr-es.es

PUBLIC in GENERAL

Facility inventory

Data by facility

Data by pollutant/media

(CO₂, dioxines-furanes, HM, SO_x, NO_x, PM)

Documents (PRTR guidances (ES),

BREF/ES_BAT, Legislation)

OTHER STAKEHOLDERS

Customized consultations/requests

Not only public data (above thresholds)

but also the rest of validated data (under request);

for polluting studies, scientific projects, etc...

(Universities, Technological Institutions, NGOs)



Banco de imágenes y sonidos. ITE. M. Educación

Who uses PRTR-España (3)

Statistic data
and assessments

Emisiones

Emisiones/Cantidad

Emisiones/Asterisco

Residuos (Datos
generales)

Residuos no peligrosos
totales

Residuos no peligrosos
cantidades

Residuos peligrosos totales

Residuos
cantidades

Evolución
complejo/contaminante

Facilities

Emissions

Wastes

Customized information under request, in different electronic formats
(Excel, XML)

Solicitud de
información

Solicitud de información

Many of these requests are,
then, stored to be used in
future: following
years/requesting, etc...

Who uses PRTR-España (4)

www.prtr-es.es

INDUSTRY



Trends/evolution over the years.
Monitoring /grounds its environmental performance.
Be in line (consistent) with other reporting requirements
Development sectorial guidances for determining releases/off-site transfers data (at national/regional level)

Banco de imágenes y sonidos. ITE. M. Educación

Who uses PRTR-España (7)

www.prtr-es.es

COMPETENT AUTHORITIES AND OTHER PUBLIC AUTHORITIES

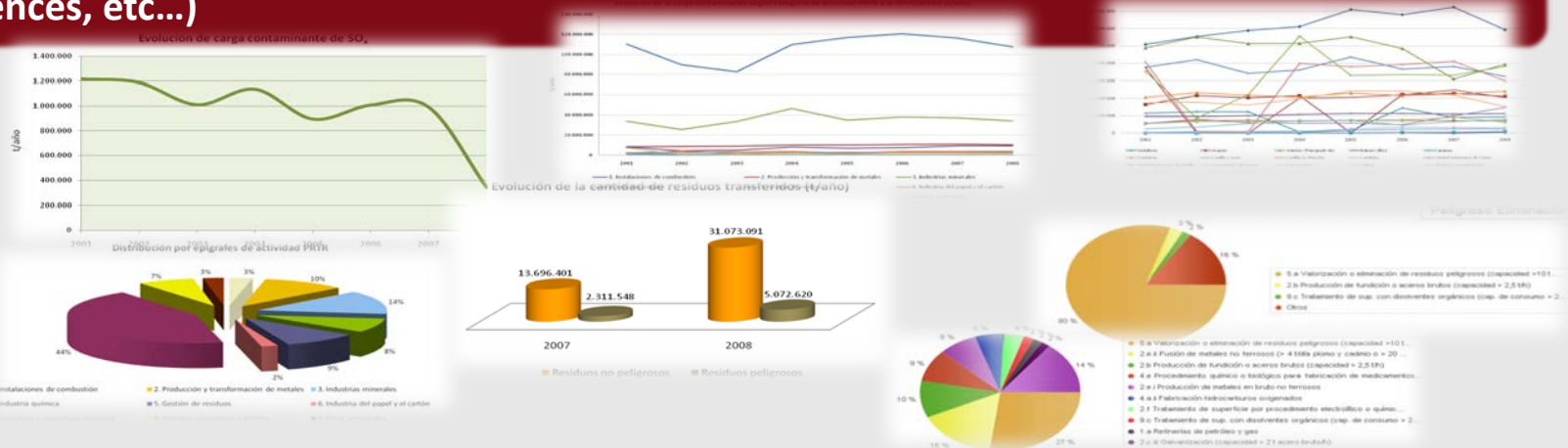


- Validation and historical data series revision.
- Coherence/consistence/ with other inventories
And International/european/national
information requirements (waste and water).
- Monitoring compliance of environmental
permits.
- Definition of criteria for environmental policies
- Studies, reports and/or communications
on reporting cycling and statistics both for the
CAs and for the public (Congressess, Workshops,
Annual Reports, etc..)

Who uses PRTR-España (10)

Some examples...

Assessment Studies for additional information to the public/ACs (National Congresses, Conferences, etc...)



Increasing coherence/consistence:

RBD/WA



Wastes



WG on wates issues: off-siite transfers, national statistic,..

WG on water issues: WWTP, Priority substance list,..

5.- Capacity Building and Awareness Activities

Capacity-Buildings activities , projects and funds outside Spain

1.-Technical assistance (UNEP-UNITAR GEF initiative): “POPs reporting, monitoring and information dissemination using PRTRs”. (technical workshops, study tours, steering committee, etc...)

2.-Financial and technical support to Central American Commission on Environmental Development (CCAD) to promote PRTR activities in Central America both at regional level and country level (Honduras, Guatemala, Belize, Costa Rica...)

Translation of the UNECE Guide on PRTR into Spanish

3.-Technical assistance in several “EU Projects” for implementing EU environmental legislation (Romania, Turkey, Croatia, FYRM,...)

Capacity-Building activities , Projects and funds outside Spain



COMISIÓN ECONÓMICA PARA EUROPA DE LAS NACIONES UNIDAS

Guía para la Implementación del Protocolo sobre el Registro de Emisiones y Transferencia de Contaminantes

del Convenio sobre Acceso a la Información,
Participación Pública en la Toma de Decisiones y
Acceso a la Justicia en Materia Ambiental



<http://www.unece.org/env/pp/prtr.guidancedev.html>.

Some slogans used in awareness activities

PRTR, The information
without polluting



PRTR LA INFORMACIÓN,
SIN CONTAMINAR

Ahora dispones de toda la información sobre Medio Ambiente
loren ipsun donde puedes consultar.

*En [PRTR-España](#) encontrarás todas estas respuestas y más
información sobre el medio ambiente y su relación con la industria.*

Some slogans used in awareness activities

**SI NO TE ENTERAS
ES PORQUE NO QUIERES**

Ah
lore
w

e-mail: info@prtr-es.es

Telephone: +34 902 54 53 50

*“If you don't find out, it is
because you don't want”*



www.prtr-es.es

Thank you very much!

Any query/ consult/
suggestion, etc...you
need, Please feel free!
(Also in English!!!)

More information on PRTR-España:

www.prtr-es.es

e-mail: info@prtr-es.es

Telephone: +34 902 54 53 50

Iñigo de Vicente-Mingarro

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