Annual Operating Report from Industry

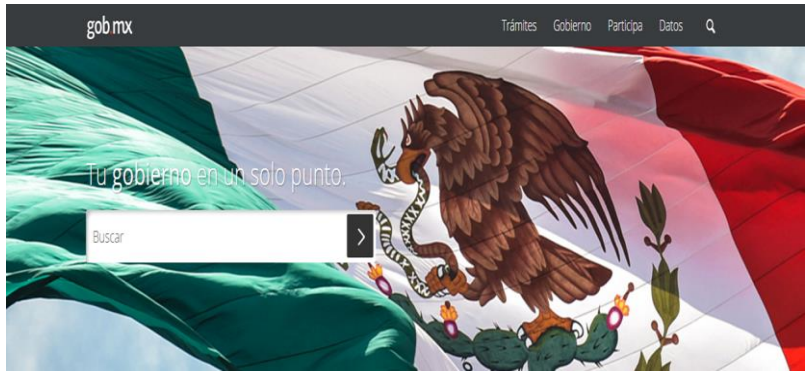
SEMARNAT

SECRETARÍA DE MEDIO AMBIENTE
Y RECURSOS NATURALES

SECRETARIAT OF
ENVIRONMENT AND NATURAL
RESOURCES
MEXICO

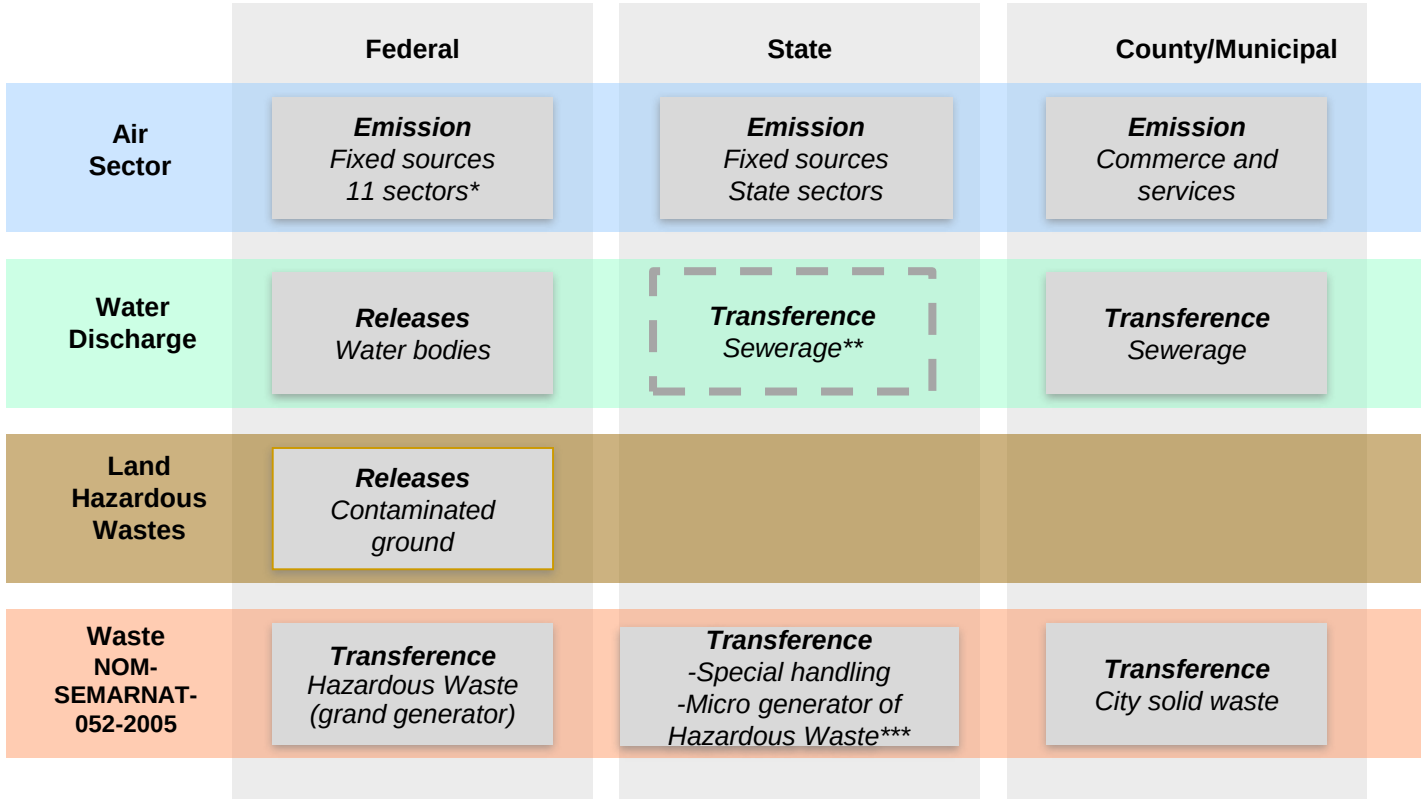
What is the COA Web?

http://www.gob.mx



100% digital procedure that annually collects information on emissions to the air, water and soil, transfers of hazardous wastes to the sewage, by establishment subject to report

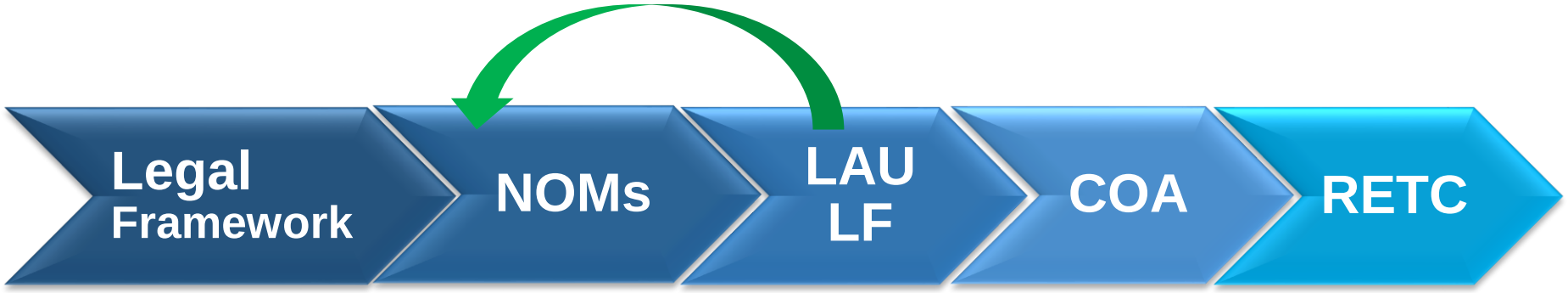
Competences in Environmental matters



*Hydrocarbons, power generation, chemicals, glass manufacture, auto makers, cement & lime, metallurgy, paper and cellulose, asbestos, Paints & Inks, Hazardous Wastes treatment.

**Some States have sign agreements with Municipalities or Counties to manage water supply systems
*** Article 12 LGPGIR

Industrial Regulations



Legal Framework

LGEEPA Regulations::
- PCCA
- RETC
- RISEMARNAT

Rules

SFN develops and updates NOMs (Art 8 RISEMARNAT)

Regulations

The DGGCARETC regulates the FFJF

Proposes to SFN the development or update of NOMs to strengthen regulation

Information

DGGCARETC receives the information from the RETC and about the fulfillment of constraints of LAU

Follow up

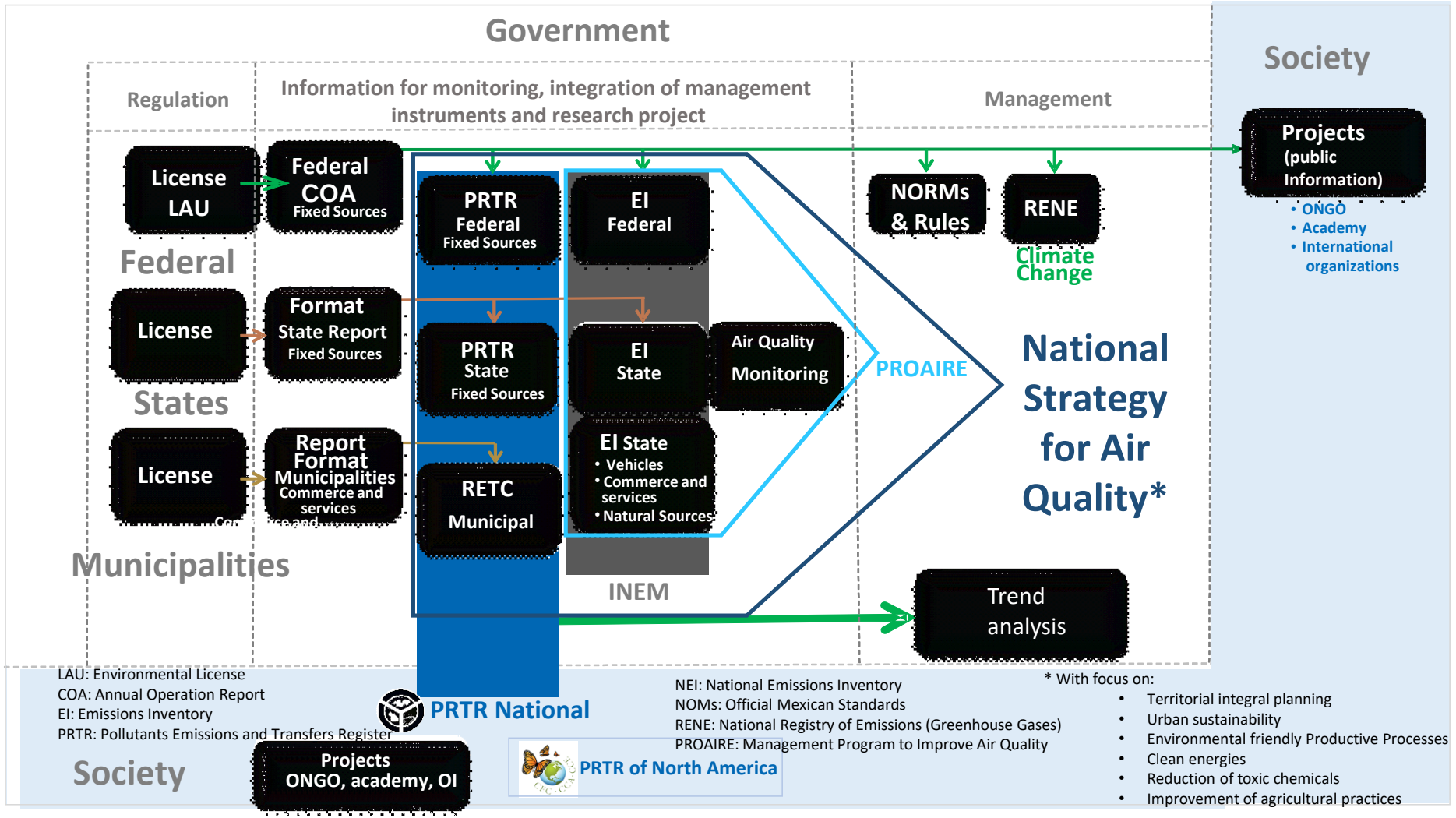
The DGGCARETC integrates and publishes the PRTR

Follow up on compliance with objective 5 of PROMARNAT

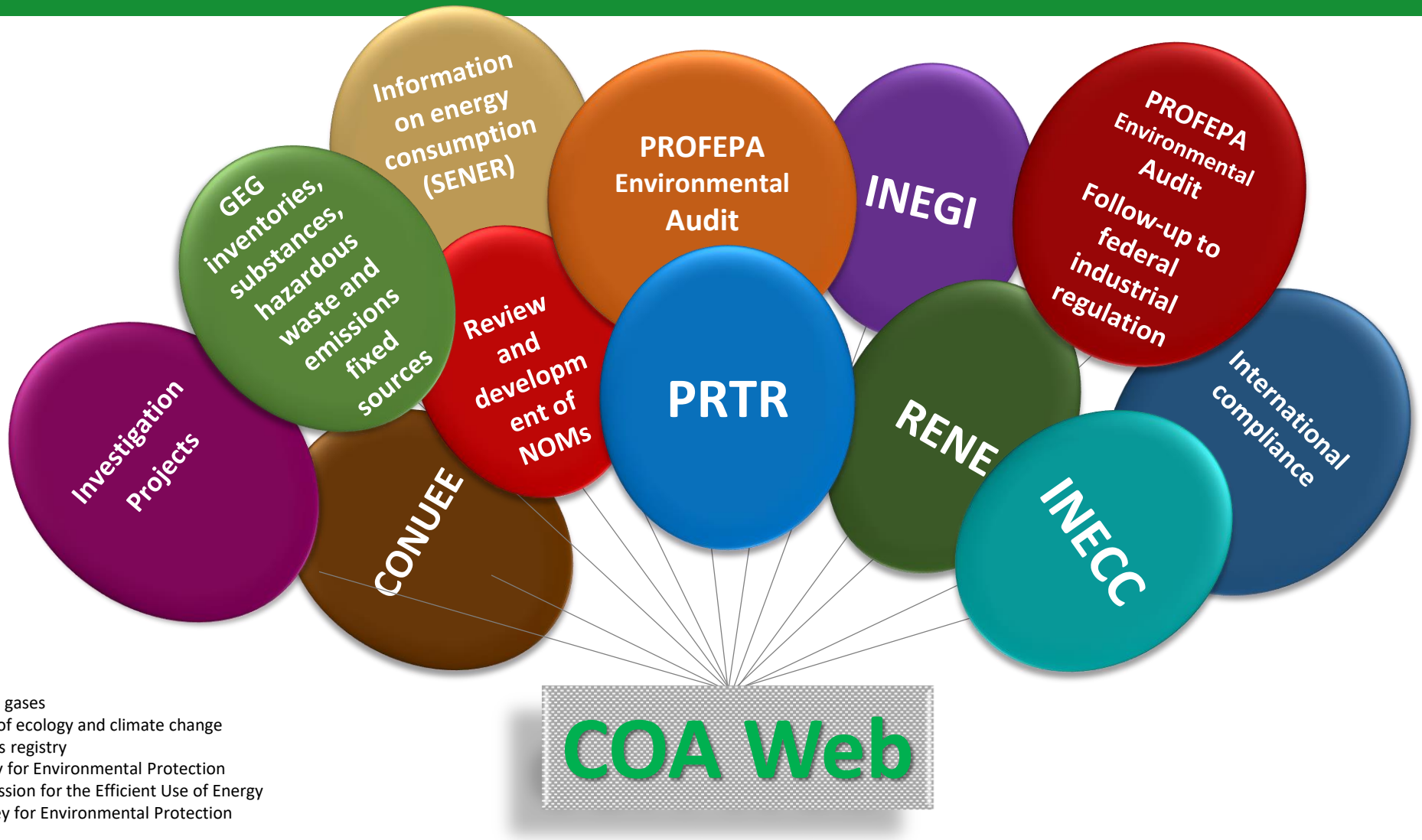
LGEEPA: General Law of Ecological Balance and Environmental Protection
PCCA: Pollution Prevention and Control
SFN: Undersecretariat of Development and Regulations
NOM: Official Mexican Standard
RISEMARNAT: Internal Regulations of SEMARNAT
DGGCARETC: General Directorate of Air Quality Management and PRTR

FFJF: Fixed Source of Federal Jurisdiction
LAU: Single Environmental License
LF: Operating License
COA: Annual Operation Certificate
PRTR: Pollutant Release and Transfer Register
PROMARNAT: Sectoral Program for the Environment and Natural Resources

Environmental Air Management in Mexico



Information use



GEG: Greenhouse effect gases
INECC : National institute of ecology and climate change
RENE: National emissions registry
CONUEE: Federal Attorney for Environmental Protection
National Commission for the Efficient Use of Energy
PROFEPA: Federal Attorney for Environmental Protection

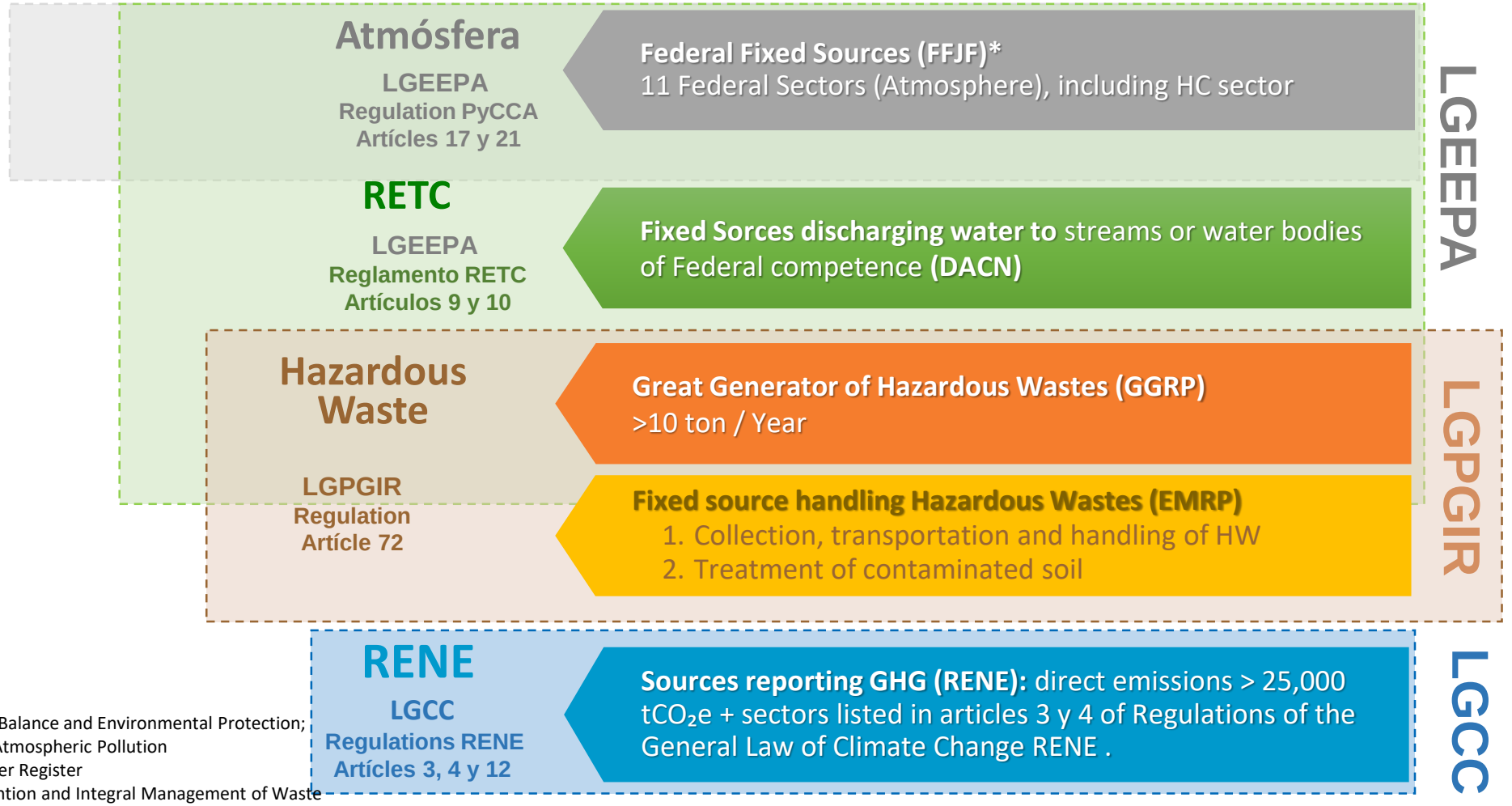
Administrative simplification

COA Web receives information for three General Directorates



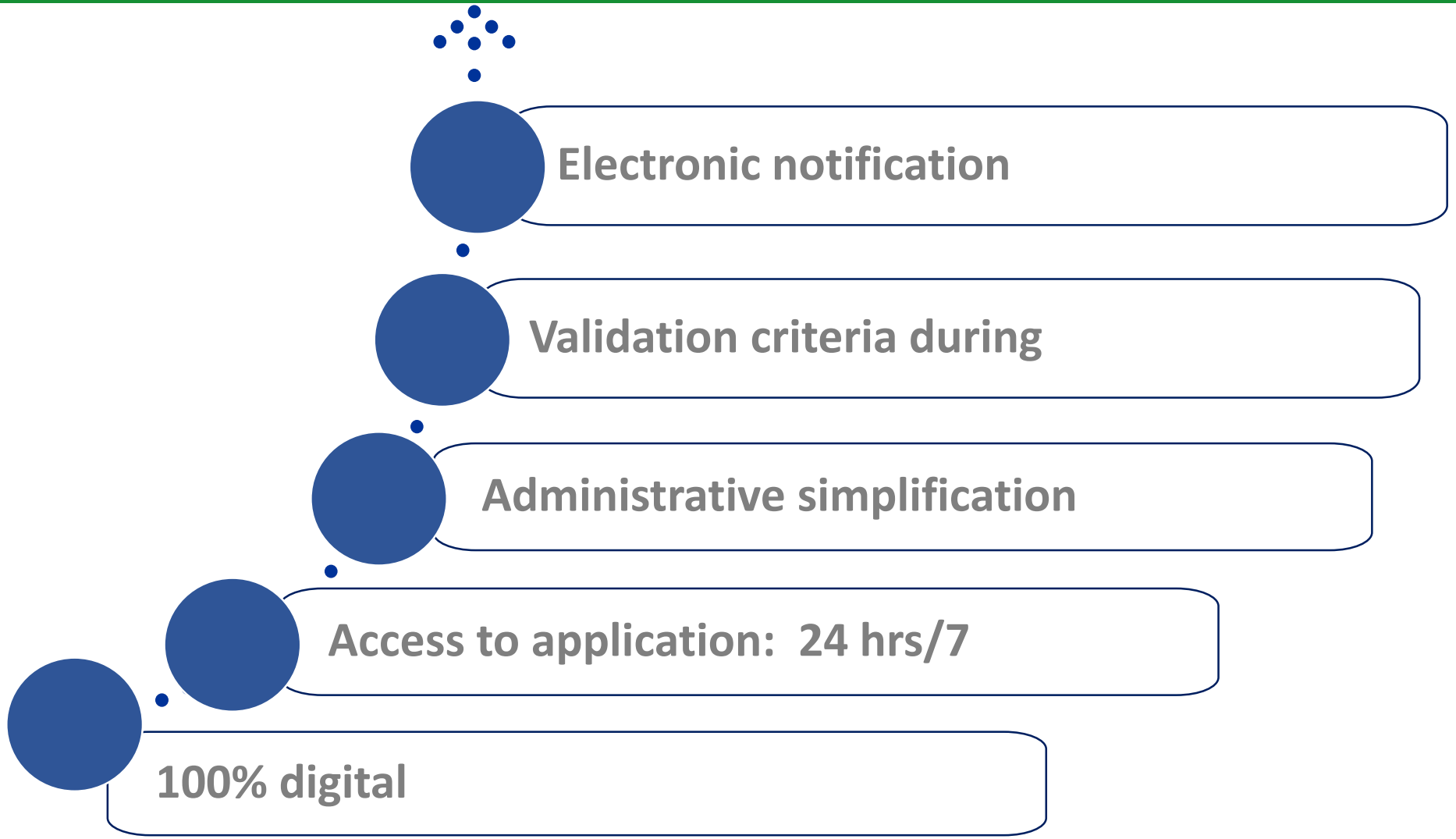
1. The Inventory of Fixed Sources of Federal Jurisdiction
2. The Pollutant Release and Transfer Register (PRTR)
3. The generation and transfer of hazardous waste
4. The handling of hazardous waste (service companies)
5. The National Registry of Emissions of Gases and Greenhouse Compounds (RENE)

Whos report it?



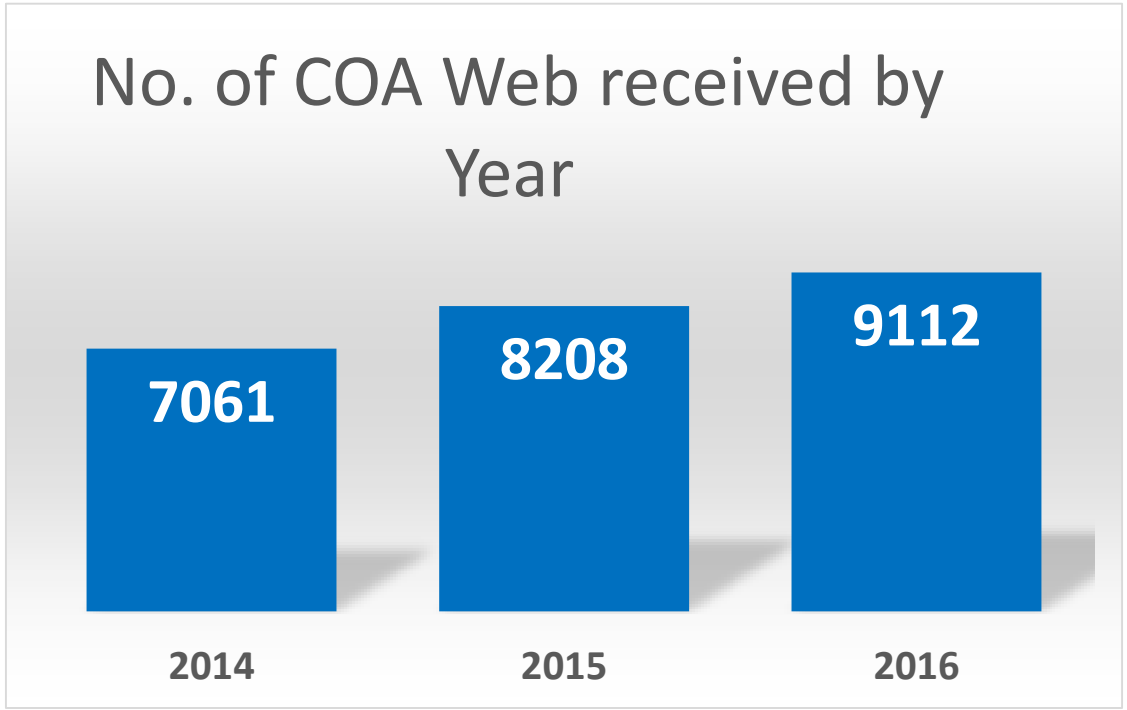
LGEEPA: General Law of Ecological Balance and Environmental Protection;
PyCCA: Prevention and Control of Atmospheric Pollution
PRTR: Pollutant Release and Transfer Register
LGPGIR: General Law for the Prevention and Integral Management of Waste
LGCC: General Law on Climate Change
RENE: National Registry of Emissions
CyGEI: Compounds and Greenhouse Gases

Advantage

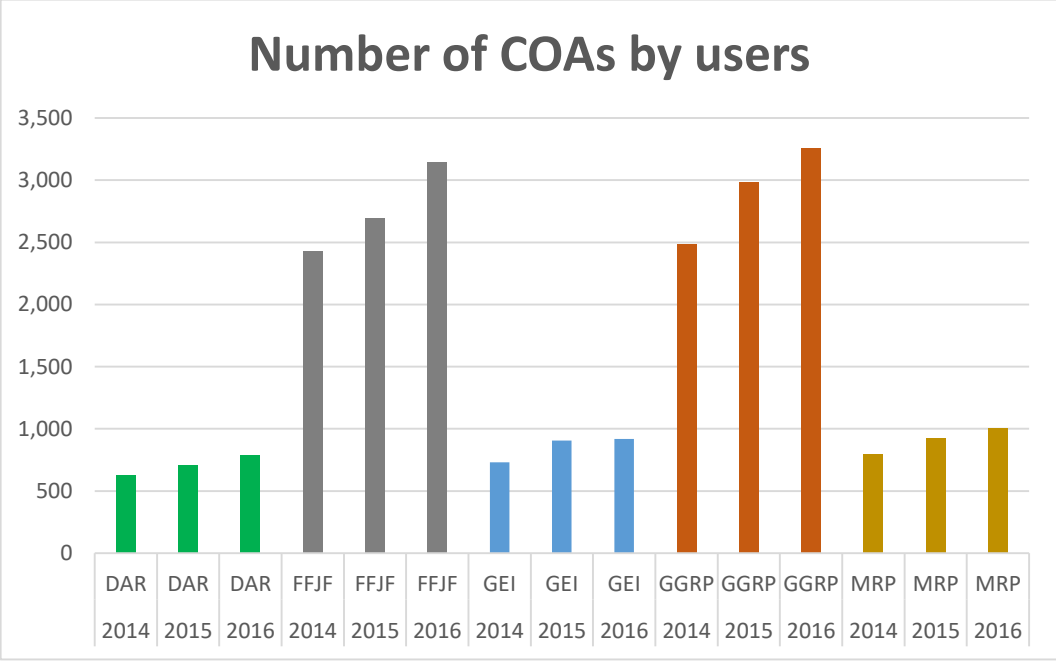

Electronic notification
Validation criteria during
Administrative simplification
Access to application: 24 hrs/7
100% digital

COA Web reception

Since 2015 COA is received through Web.
Information is related to the inmediate previous year.



COAs by users

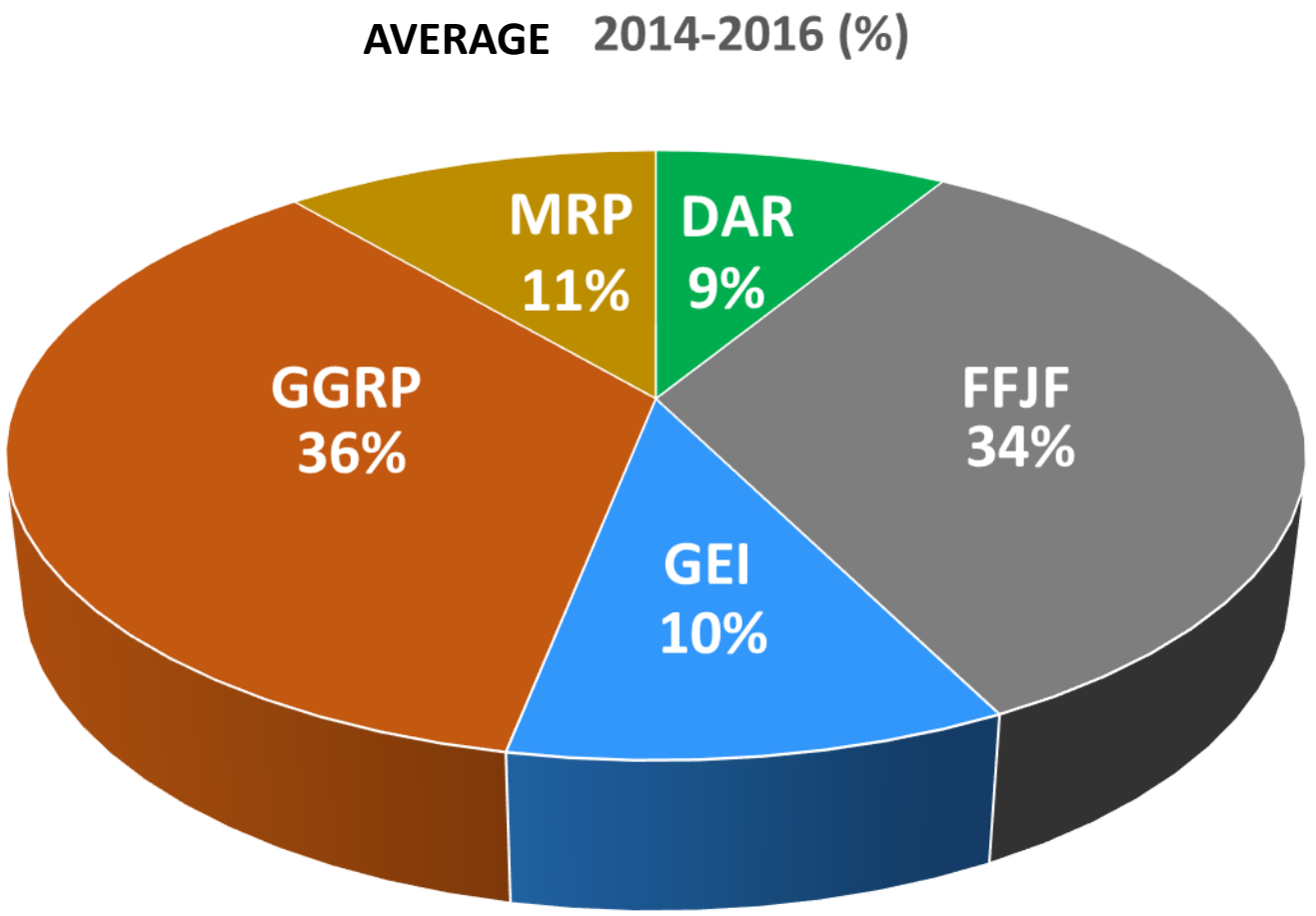


Year	Competence*	No. COAs
2014	DAR	622
2015	DAR	710
2016	DAR	789
2014	FFJF	2,429
2015	FFJF	2,690
2016	FFJF	3,148
2014	GEI	730
2015	GEI	905
2016	GEI	918
2014	GGRP	2,482
2015	GGRP	2,982
2016	GGRP	3,255
2014	MRP	796
2015	MRP	926
2016	MRP	1,002

*Classiffication reported by users:

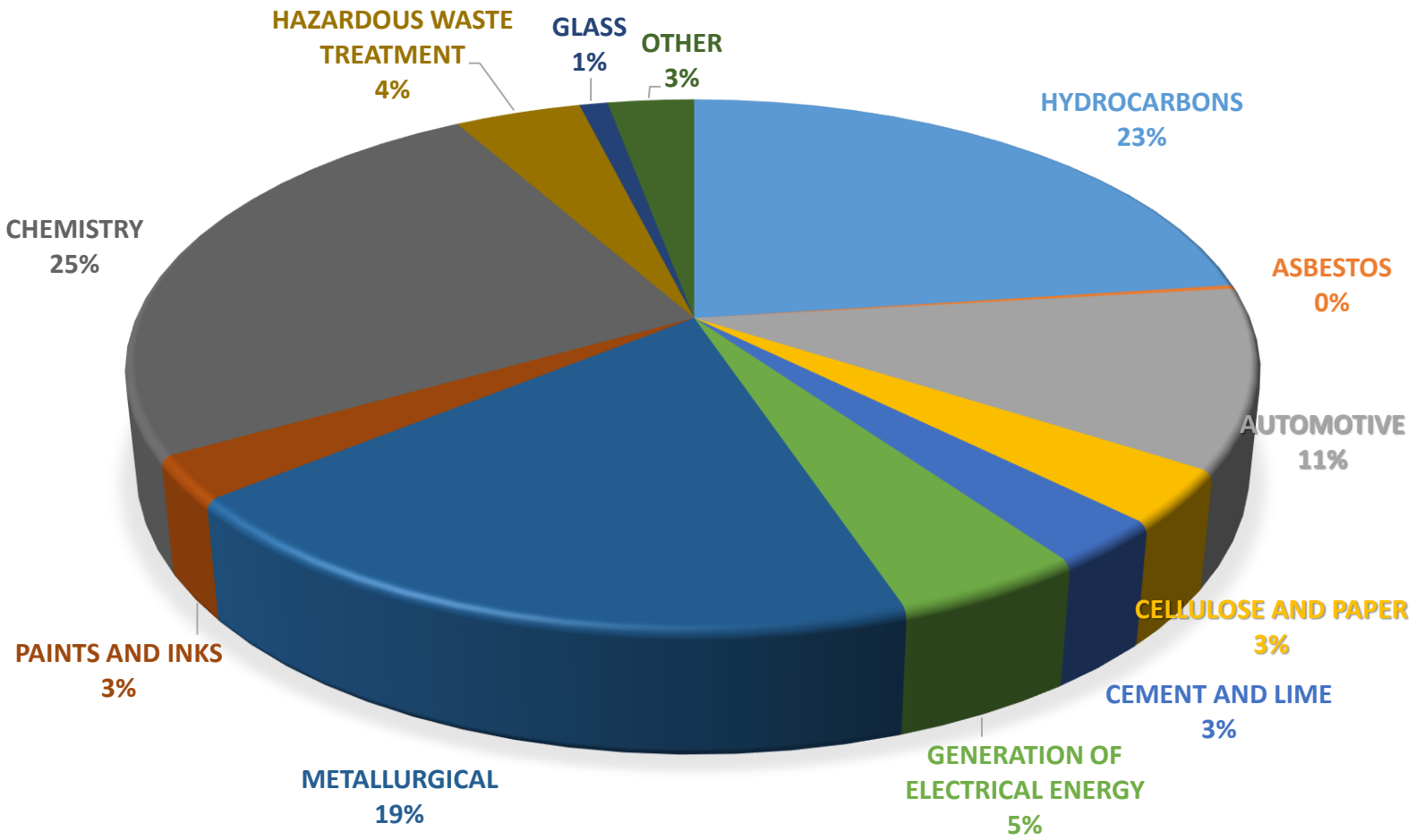
DAR: Discharge of residual water to national body
FFJF: Fixed source of federal jurisdiction
GHG: Subjects required to report to RENE
GGRP: Great hazardous waste generators
MRP: Hazardous waste management service company

Distribution



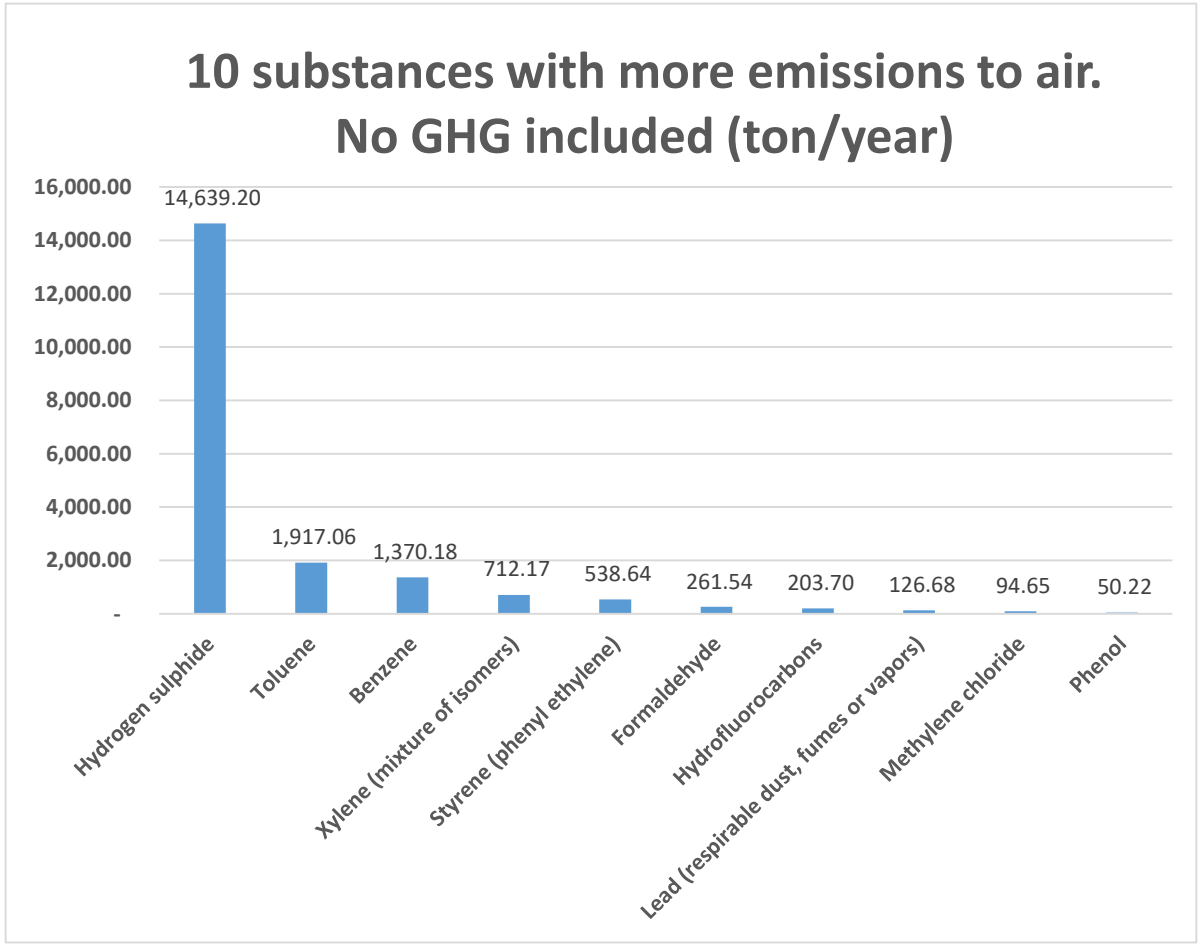
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Distribution by Sector 2016

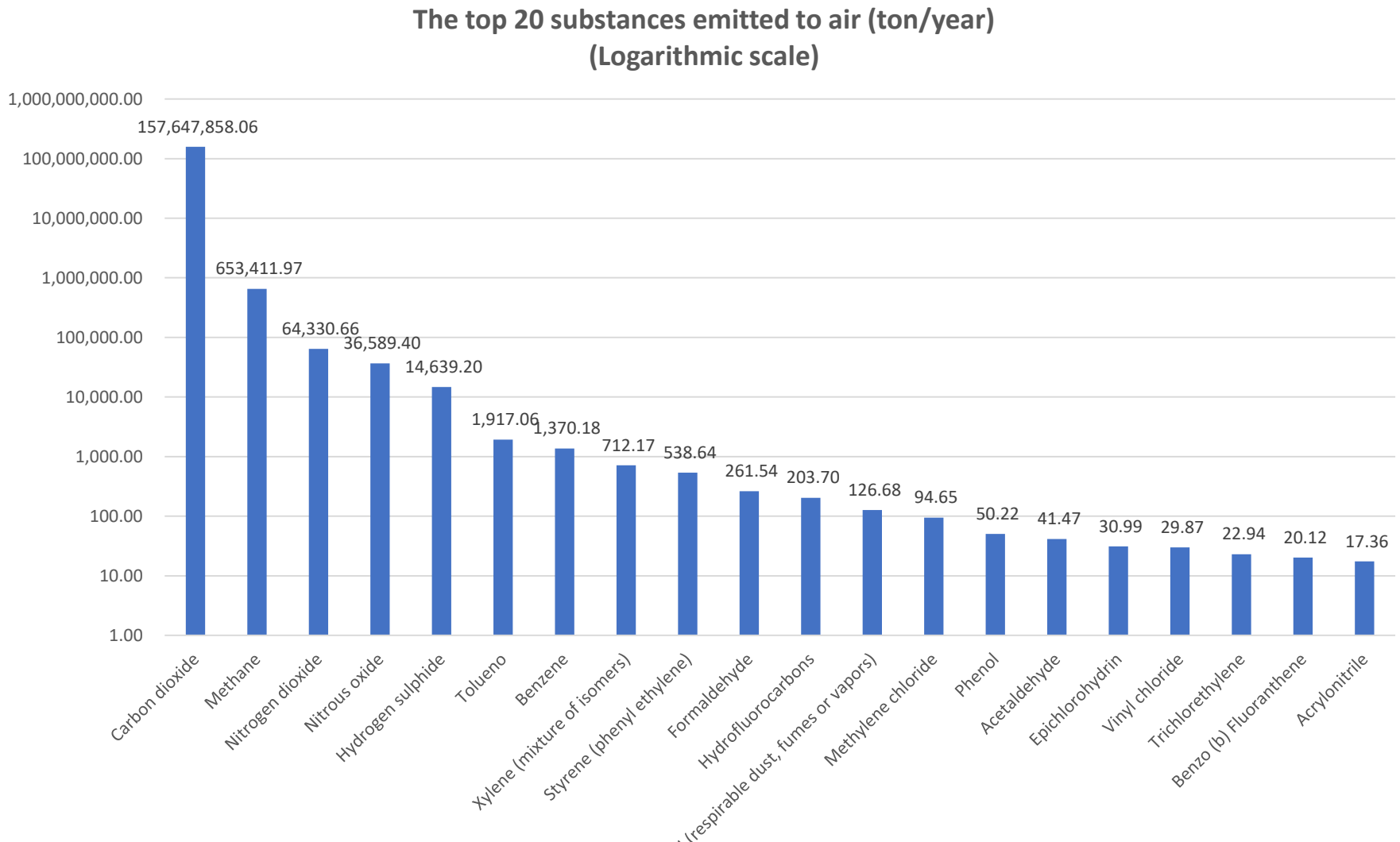


PRTR emissions 2016

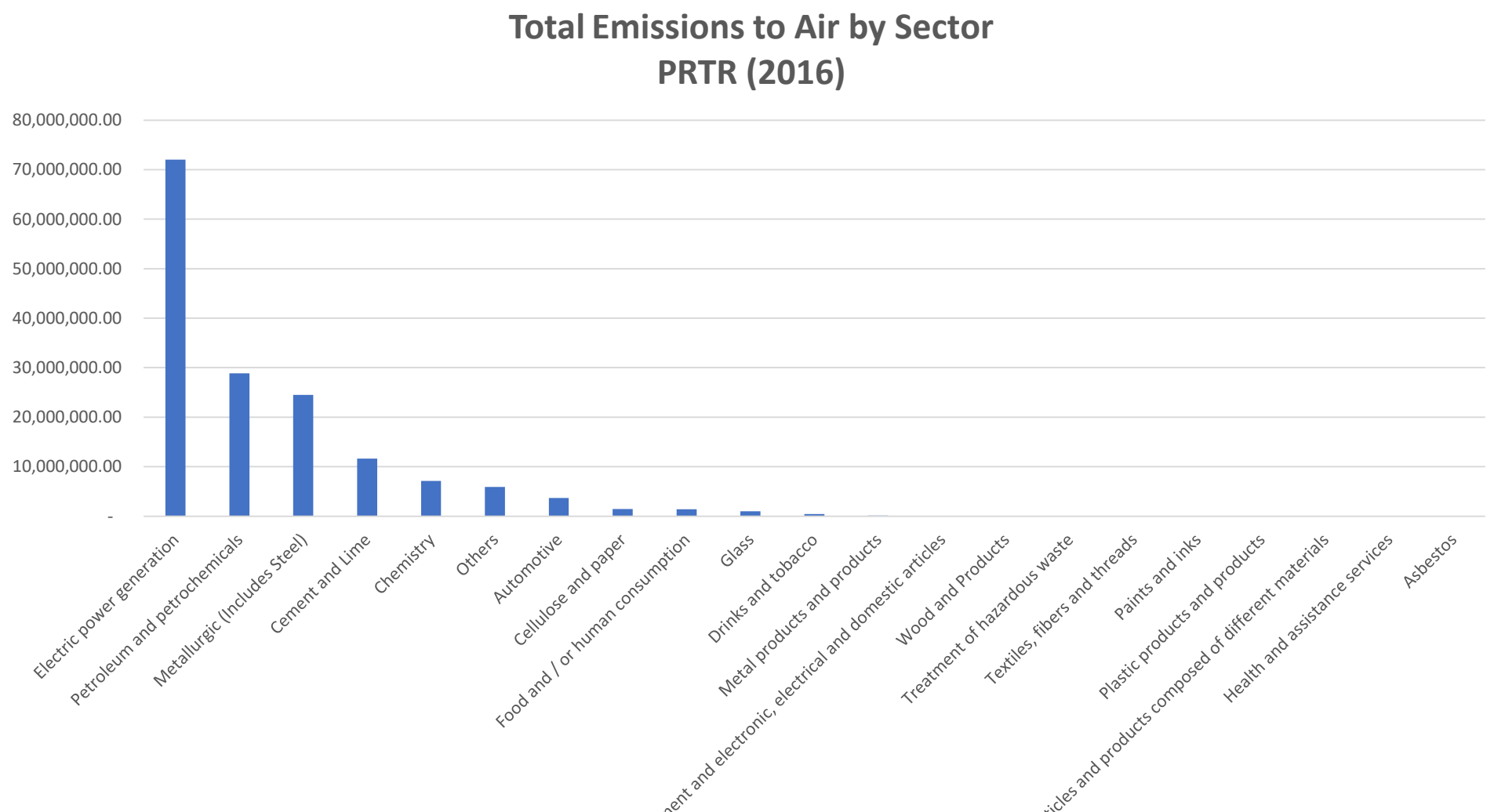
Type	Quantity (ton)	%
Air	158,422,400	99.9967
Water	3,528	0.0022
Soil	1,650	0.0010



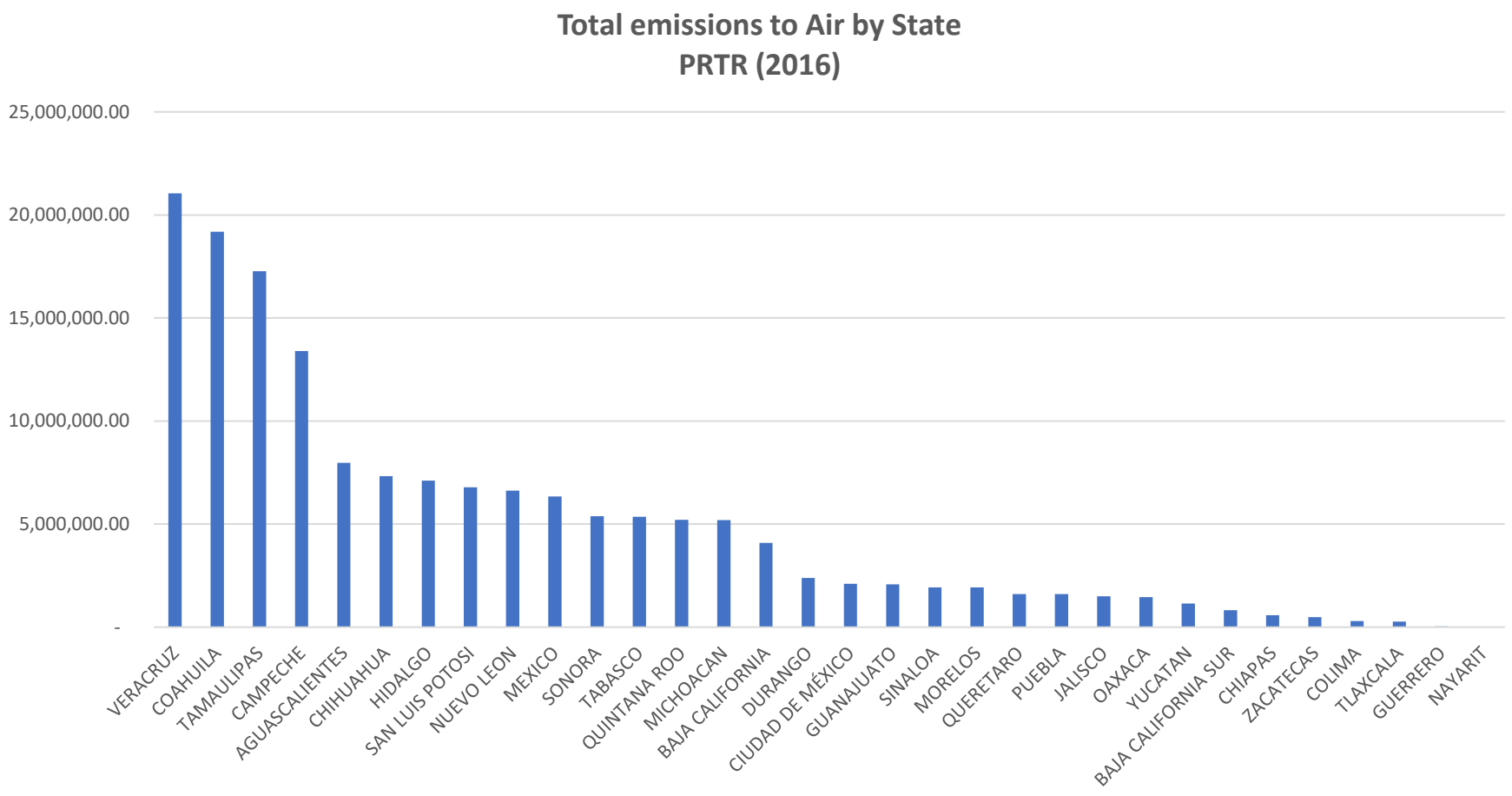
PRTR emissions 2016



PRTR emissions 2016

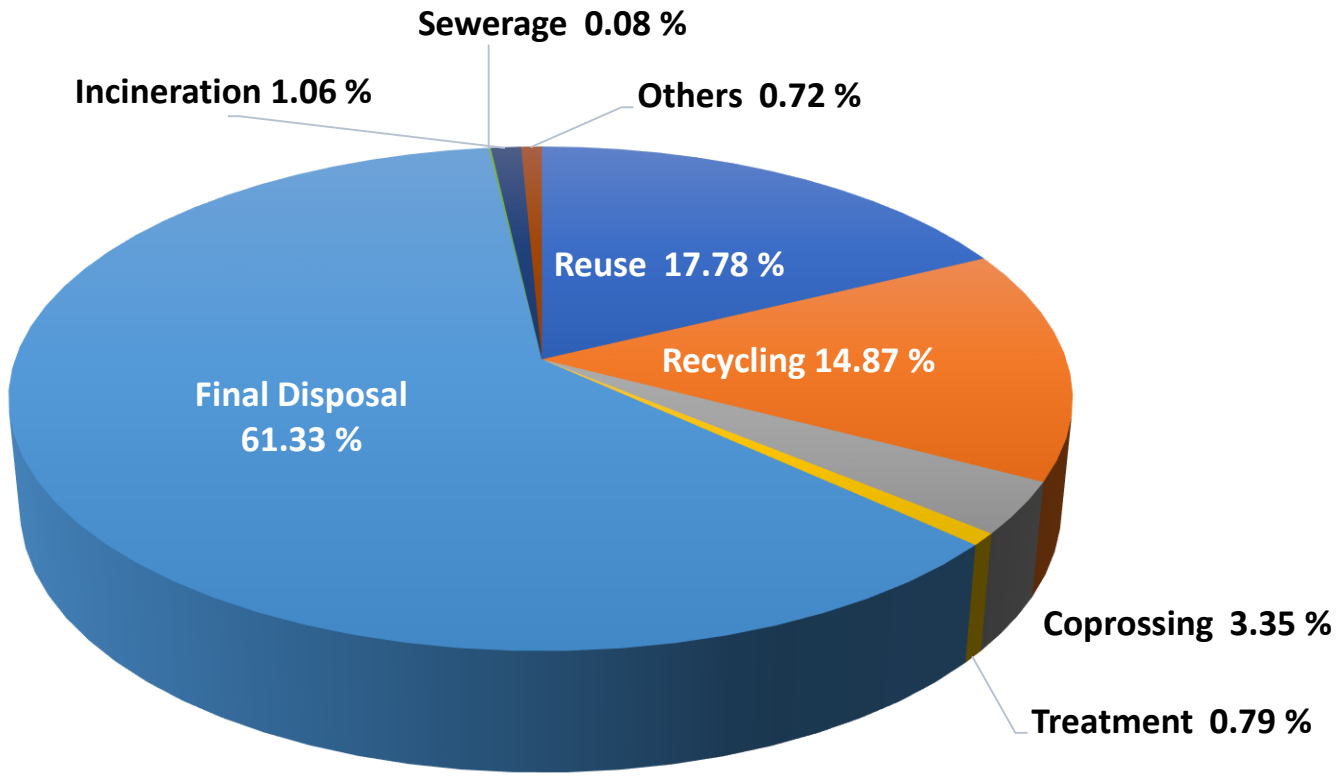


Emisiones RETC 2016

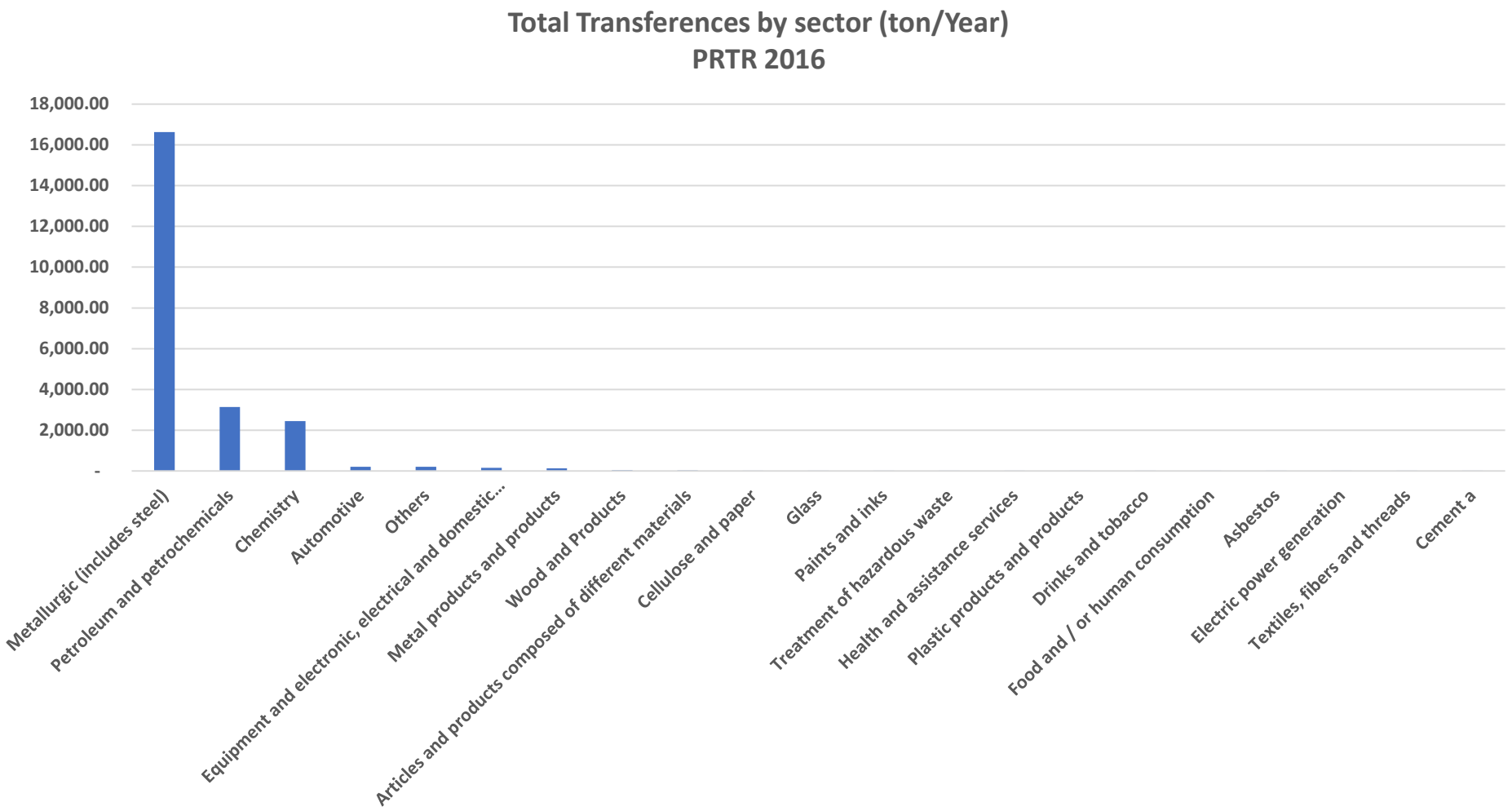


Transfereces PRTR 2016

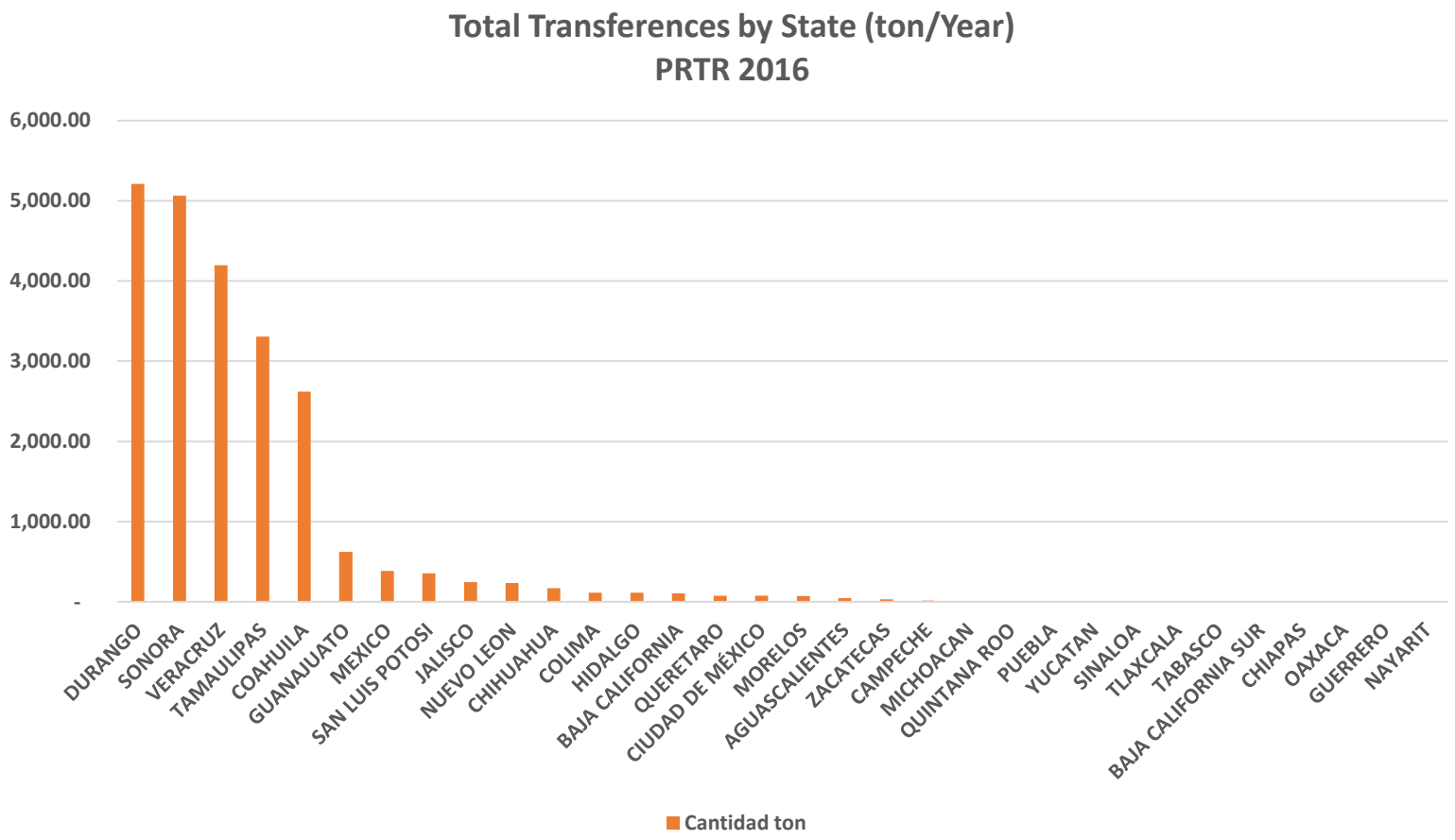
Type	Quantity (ton)	%
Reuse	4,106.20	17.78
Recycling	3,433.98	14.87
Coprocessing	774.36	3.35
Treatment	181.85	0.79
Final Disposal	14,163.12	61.33
Sewerage	19.46	0.08
Incineration	245.65	1.06
Others	167.33	0.72



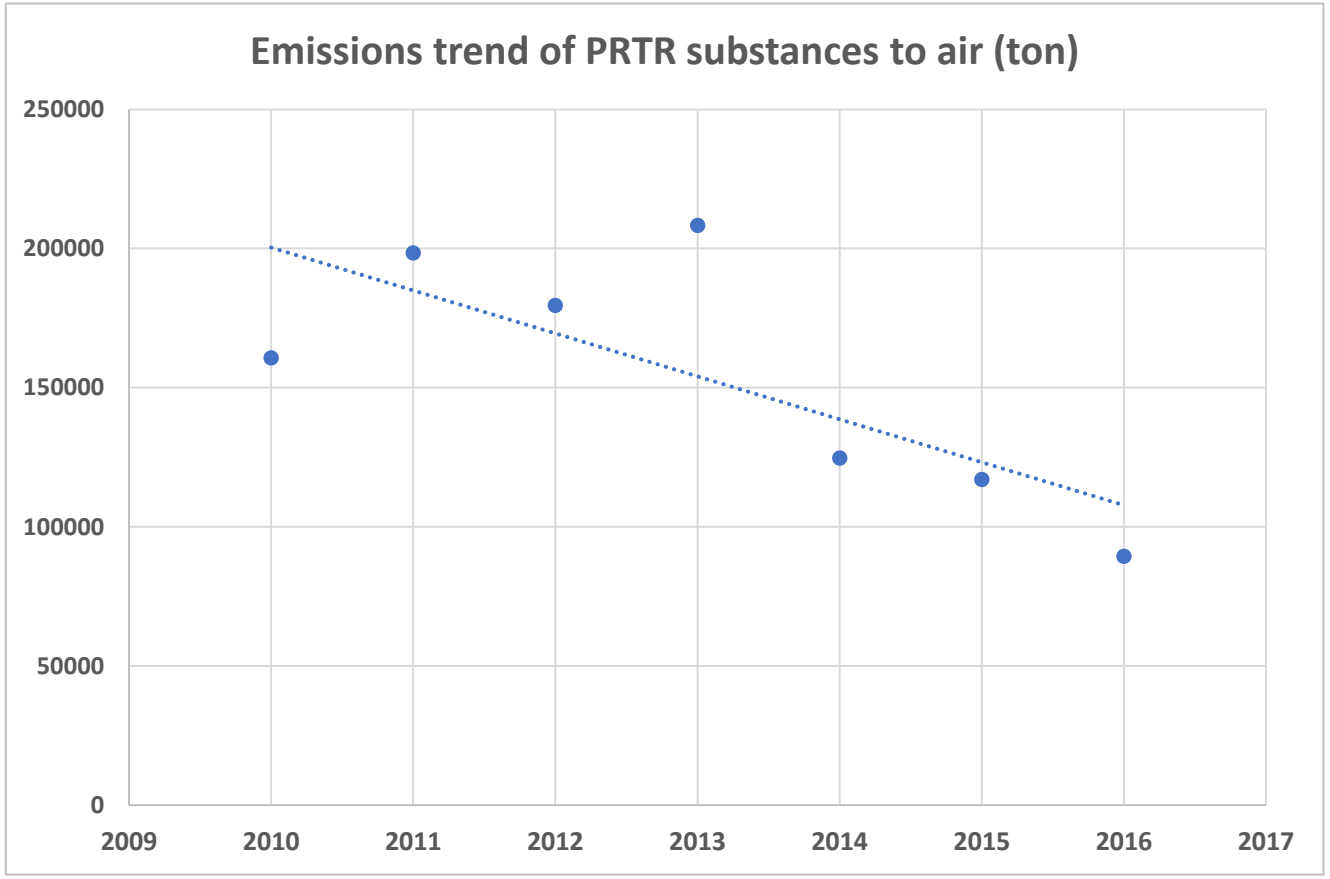
Transfereces PRTR 2016



Transfereces PRTR 2016



Total PRTR Emissions Trend



Gracias!

José Ernesto Navarro
Director de Regulación Industrial y RETC

(55) 5624 3502, Red: 23502

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