

Project: Pollutant Release and Transfer Register in Ecuador

Pollutant Release and Transfer Registers in Ecuador (PRTRs)

Objective

Increase country capacities to comply with a number of obligations related to reporting, information exchange and public awareness raising, through the implementation of PRTR system, for persistent organic pollutants, based on national objectives identified.

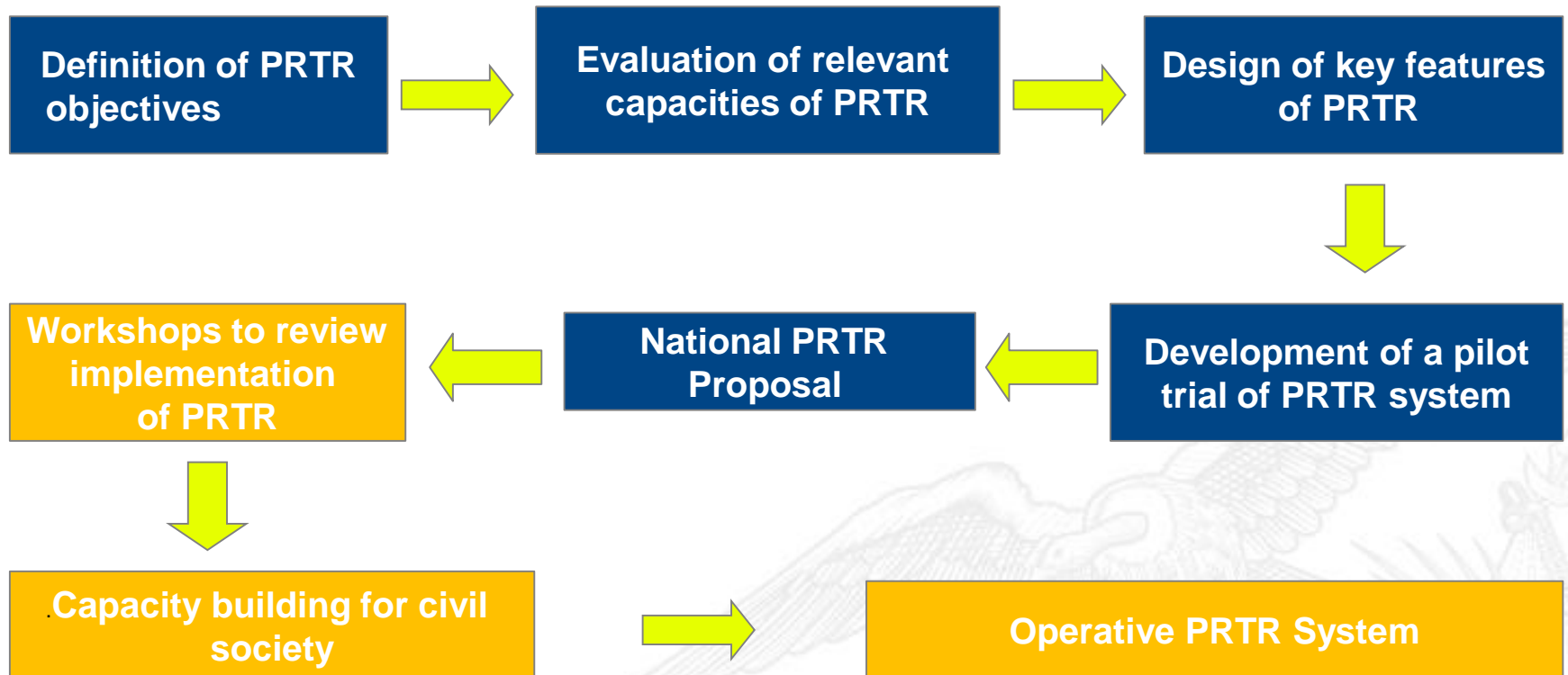


Legislation and Regulation

Legal Name	Related section
Constitution of the Republic of Ecuador (R.O. No.499, October 20 , 2008)	Art. 15.- “....It is prohibited the development, production, possession, commercialization, importation, transportation, storage and using of chemical, biological and nuclear weapons, of highly toxic POPs, internationally prohibited agrochemicals, and technologies, and agents
International treaties	Ecuador is part of Basilea, Estocolmo, Minamata, Rotterdam Convention y SAICM
Development National Plan 2017-2021	Territorial National Strategy: Implement integral management systems of pollutant sources, solid waste, effluent discharges and atmospheric emissions, as well as toxic and hazardous waste...
Production Code (December 2010)	Art. 235.- Incentive for cleaner production: Tax benefits and tradable discharge permits.
Environmental Organic Code	Art 2; section 9. Establish mechanisms that promote and encourage the creation of environmental information, as well as the articulation and coordination between government, private entities and civil society..... (It is worth mentioning that there is a propose to establish an specific section for the implementation of RETC within the regulation for COA application, that it is currently in revision)
Ministerial Agreement 061 (May 2015)	Art. 52 Responsibilities.- National Environmental Authority is the governing body for the application of the present chapter and responsible of the following:... d) Implementing of Pollutans release and transfer registers to aire, water, soil and subsoil, as well as those substances that the environmental authority determines;



Stages of PRTR Implementation

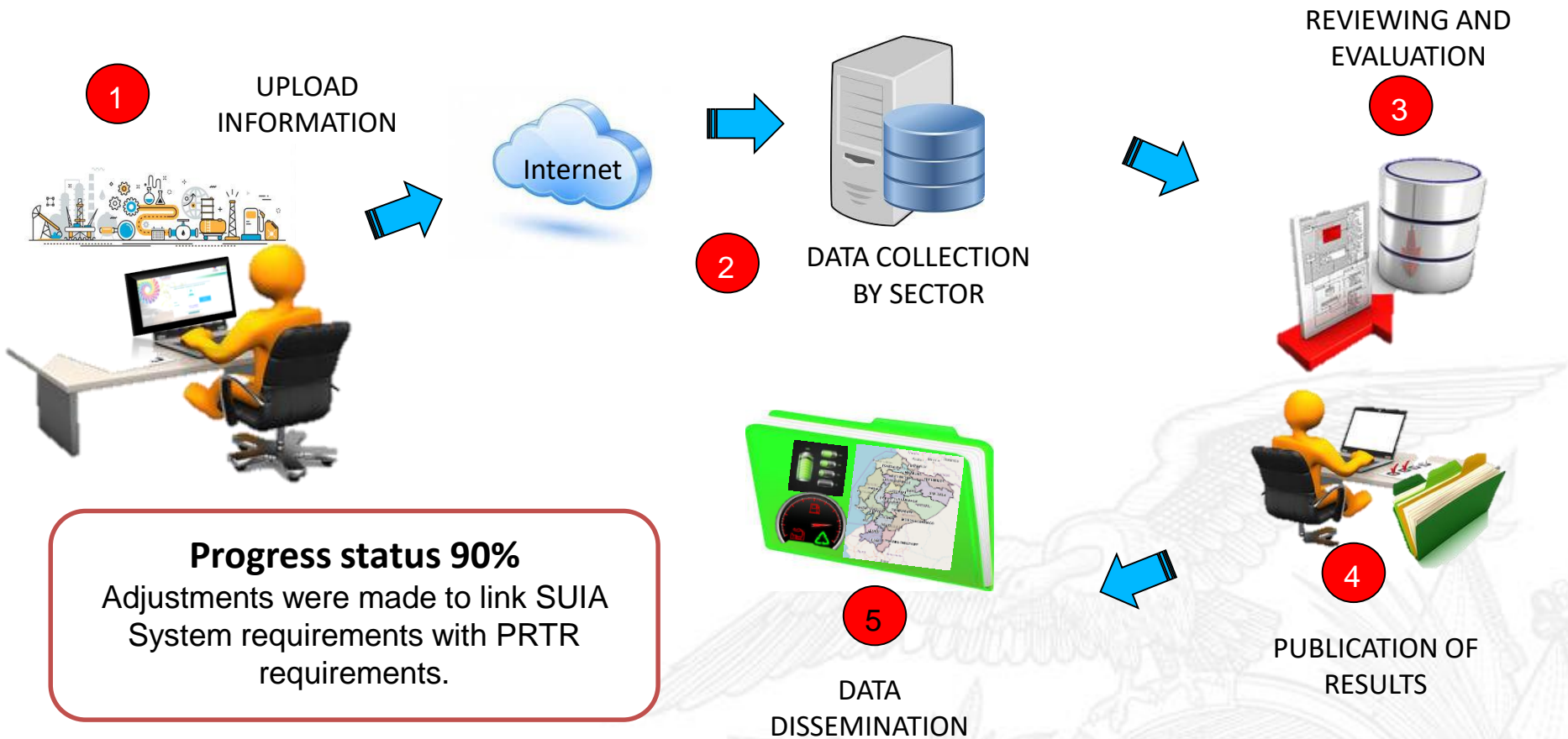


ACCOMPLISHED ACTIVITIES

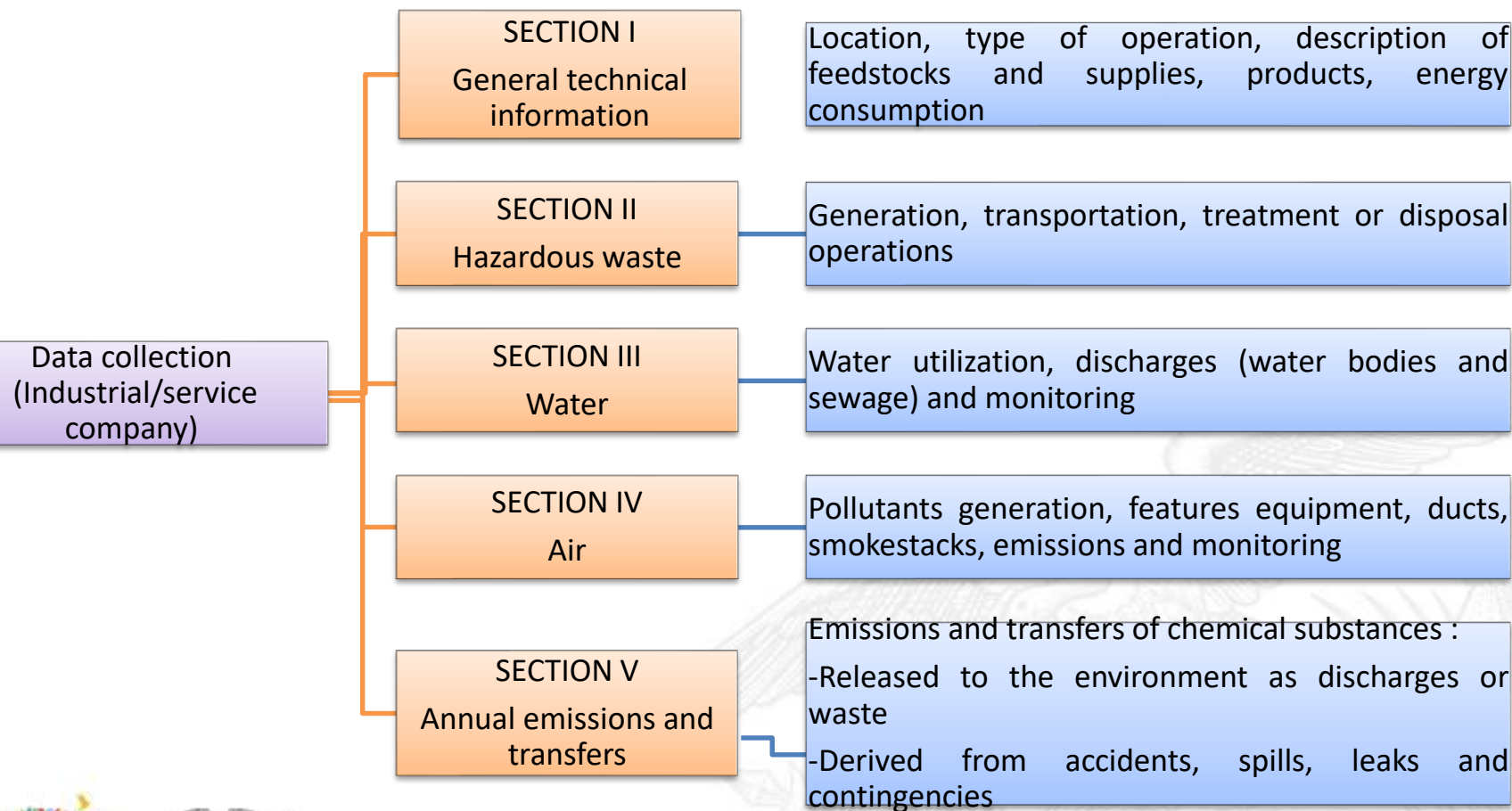


- Development of a software module for PRTR and processes actualization (90 %)
- Workshop for presentation of PRTR project – phase II (public and private actors, government representatives, civil society and academia)(mayo 2018).
- ESFOT-EPN Collaboration: support provided by students in their final year of bachelor's studies in: environmental, sanitary, computer, telecommunications engineering

Information flow of PRTR System



SYSTEM STRUCTURE (PRTR)



02/04/2019



EL
GOBIERNO
DE TODOS

Software module PRTR

- Status: Final Phase (February 2019 - 90%)
- Conditions for reporting and use of the PRTR system:
 - All industrial or services companies granted with an environmental license, and registered in SUIA system.
 - Username/password registered in SUIA system.
 - Sign agreements of responsibility.
 - Report frequency: annual.
 - Results obtained will be published on SUIA website.



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Sistema Único de
Información Ambiental

RETCE

Registro de Emisiones y Transferencia de Contaminantes del Ecuador

Usuario *

Contraseña

Ingresar

¿Olvidó su contraseña?
Ver Reportes Públicos

Si aún no es usuario de SUIA, regístrese ahora
[Regístrese en el sistema](#)





USUARIO DE PRUEBA RETCE 02 - SUJETO DE CONTROL

[Cerrar sesión](#)

Configuración Gestión de Datos Gestión Analítica Gestión de Reportes

Declaraciones

Mediciones

Auditoría_01

Auditoría_02

Notificaciones

Materias Primas

Fuentes de Energía

Combustibles Fósiles

Desechos Pel

Fuentes de Agua

Descargas Residuales

Gases Contaminantes

Maquinas y Equipos

Chimeneas y Ductos

Cerrar Declaraciones

Notificaciones N

Fecha de
Registro

No records found

NOTIFICACIONES NO LEIDAS

Asunto

ver

ervados - Ministerio del Ambiente 2015

localhost:8080/retce-web/index.jsf#

Calle Madrid 1159 y Andalucía
Código Postal: 170517 / Quito - Ecuador



SECTION III: Agua – required information for effluent discharges

Receptor de la descarga	Número del punto de descarga	Ubicación del punto de descarga (Coordenadas)		Caudal de descarga (m3/s)	Frecuencia de descarga (horas)	Volumen de descarga (m3)
		X	Y			
1.	2.	3.		4.	5.	6.

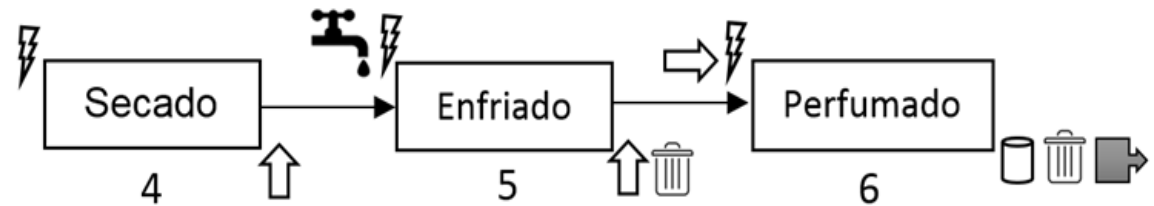
Límites permisibles para descargas líquidas	Periodicidad del monitoreo																		
	Mensual												Trimestral				Semestral		Anual
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	1	2	1
7.	8.																		

Informe de análisis de laboratorio pdf	Método de estimación	Nombre del cuerpo de agua	Tramamiento in situ previo a la descarga	Volumen tratado (m3)
9.	10.	11.	12.	13.



Key features of reports

- Use of International Standard Industrial Classification of All Economic Activities (ISIC)
- Resume data table (For all sections of the report)
- Free access to report information for MOEE technicians
- For the report, it requires that users introduce an industry process diagram



Entradas		Salidas		Transferencias	
	Entrada de materias primas o insumos		Generación de desechos peligrosos		Tratamiento de desechos peligrosos
	Consumo de combustibles fósiles		Generación de desechos sólidos no peligrosos		Alcantarillado
	Consumo de energía eléctrica		Descarga de aguas residuales		
	Consumo de agua		Emisiones de gases contaminantes		
			Emisiones de sustancias RETCE		



Financial Report

By 2018: Due to administrative issues, funds assigned for the PRTR project in Ecuador were not completely used; nevertheless, the development of the software module have continued with resources financed by national government

By 2019:

Item	Devengado 2018
Honoraries for technicians	\$ 17033,12
Initial Workshop	\$ 2732,80
Total	\$19765,92

Conduct SUIA pilot trial using PRTR and elaboration a technic manual for users

Consulting to develop an actualization of the national proposal and complement national guides on estimation techniques for PRTR reports

Training program for key sectors to industry, NGOS, civil society

March-April

May-September

October-December



Pending Activities

a) Pilot trial with industry sector
Pilot trial with industry sector to report information

b) Implement national strategies for information public access, dissemination and training about PRTR system at national level

c) Actualized guide on estimation methodologies for emissions

d) Elaboration of national regulation for PRTR reports

e) Actualize list of chemical substances and, hazardous and/or special waste (AM 142)



Critical Points

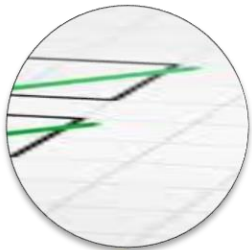
Because of austerity declaration by Ecuadorian Government and optimization of resources for public procurement processes, the execution of project has been affected as follows:



Planned activities not executed



By March 15 th 2019, there is a budget spent of 22.625,76 from the total amount of funds available (40.000)



Not compliance with the goals established in the letter of agreement and time schedule



Actual Situation

Proposal of renewal and amendment of the agreement. The amendment proposes that:

- a) Funds be administered by FIAS (Fondo de inversión ambiental sostenible)
- b) The rest balance of transferred funds be used for staff and personnel costs
- c) UNITAR requires a reunion with the Authorities of MOEE to discuss the proposal in April 2019



Conclusions

The project PRTR is a tool that will allow our country to comply with:

- a) Obligations to report, integrate and enable public access to PRTR data
- b) Regulate industrial activities to reduce and control of contamination.
- c) Promote cleaner production and enhance industrial processes

PRTR system has been built based on Ecuadorian environmental regulation

Achieve a satisfactory implementation of the PRTR system, supported by training mechanisms, strategies for dissemination of information and public access, as well as regulations that allow the control of pollution in a systematic and agile manner.

To continue with the project, it is necessary the procurement of specialized resources and supplies



GRACIAS!

MINISTERIO DEL **AMBIENTE**

