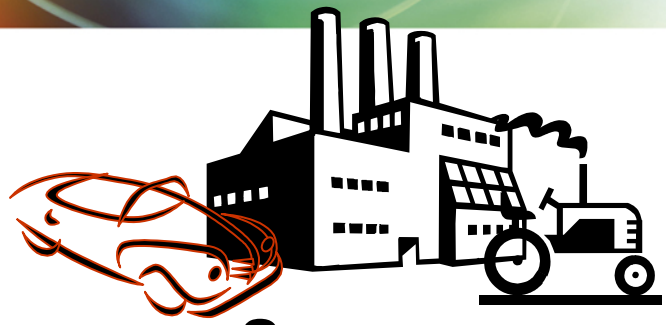
unitar

United Nations Institute for Training and Research

Pollutant Release and Transfer Registers (PRTRs) as E-Tools for Facilitating Access to Environmental Information

November 2010

What is a PRTR?



Sources

Transfer of waste

Air

Water

Soil

Environment

Data

E-tool

Used for:

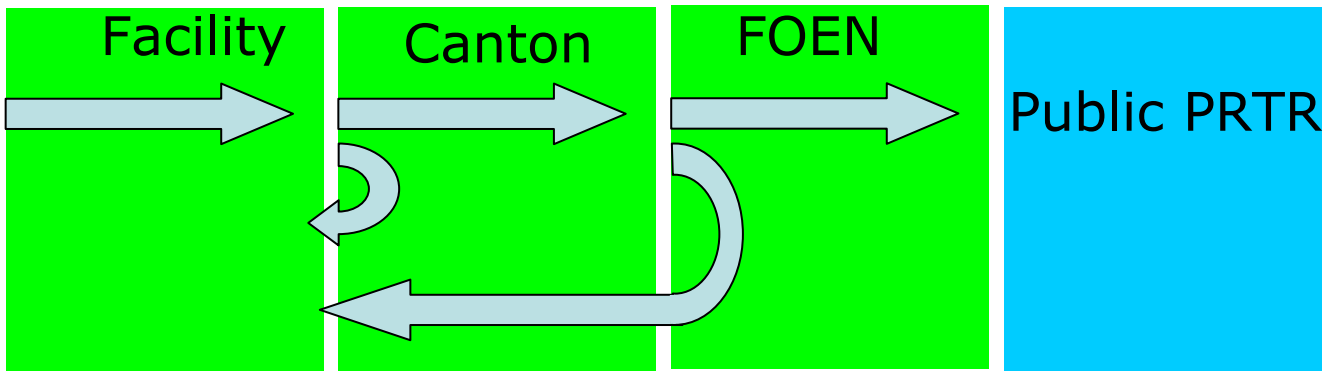
Environmental Policy

Education

Research

Examples of PRTRs as E-Tools - Switzerland

- Ordinance follows UN ECE protocol (Kiev)
- Web-based reporting (each facility has a password)
- The facilities enter the data into internet database. The facilities are responsible for the data quality.



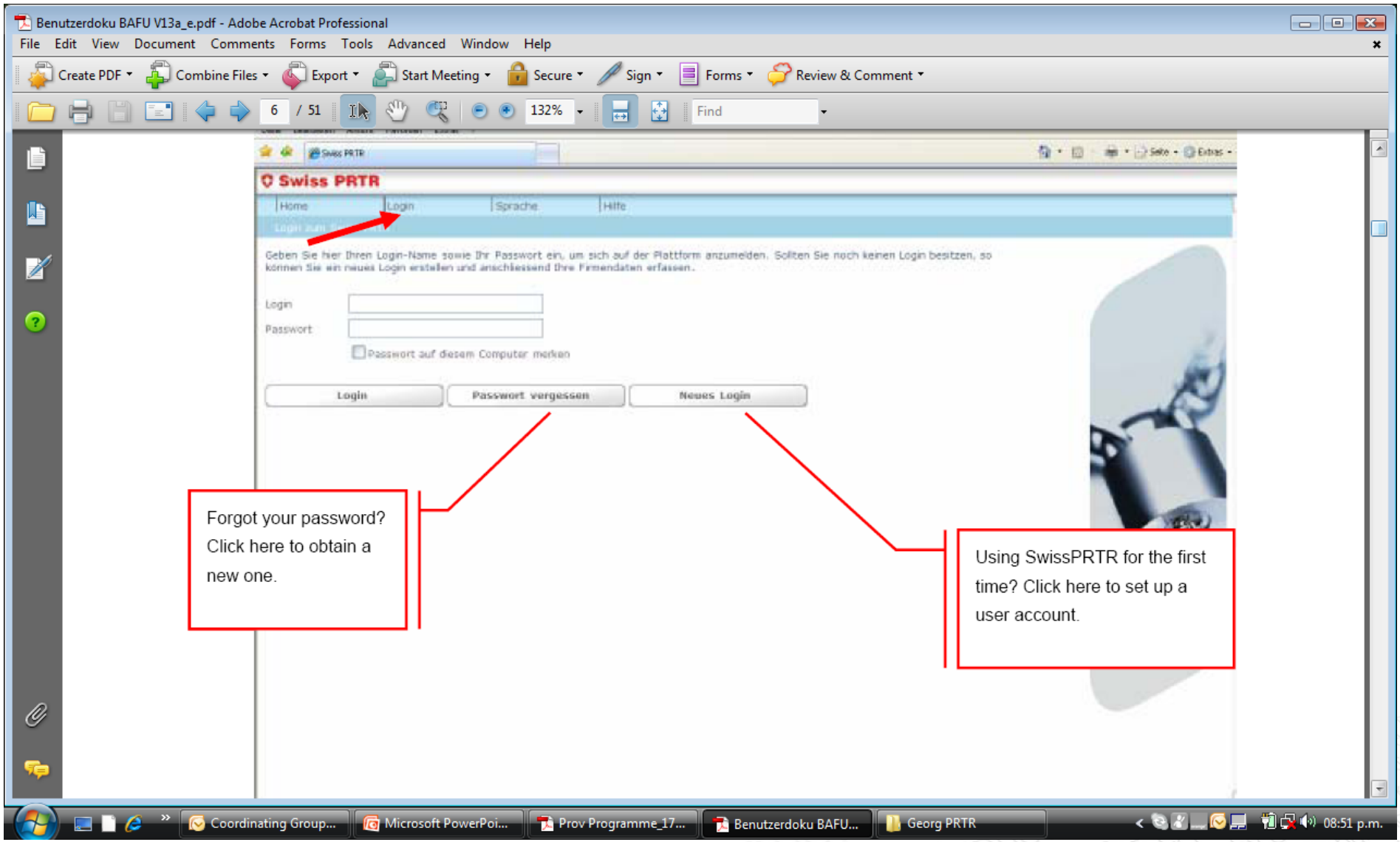
Data entry by facilities = 6 months

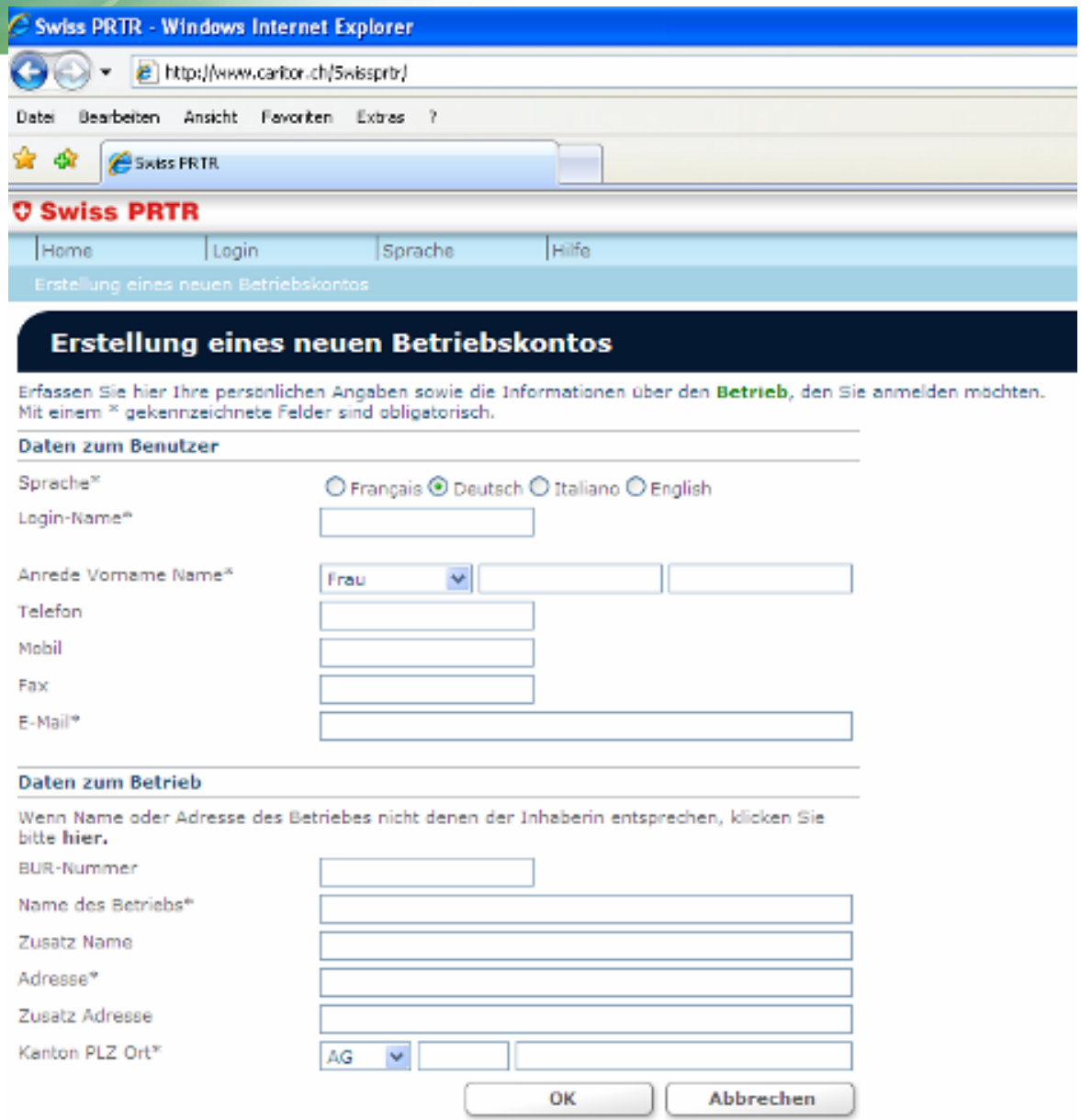
Validation by regional authorities = 3 months

Validation by federal authorities = 3 months

Export of data to public database = 1-3 months

https://www.prtr.ch/PublicPages/PublicDocumentation.aspx




Swiss PRTR - Windows Internet Explorer
http://www.carbor.ch/Swissprtr/
Datei Bearbeiten Ansicht Favoriten Extras ?
Swiss PRTR
Swiss PRTR
Home
Login
Sprache
Hilfe
Erstellung eines neuen Betriebskontos
Erstellung eines neuen Betriebskontos
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Wenn Name oder Adresse des Betriebes nicht denen der Inhaberin entsprechen, klicken Sie bitte hier.
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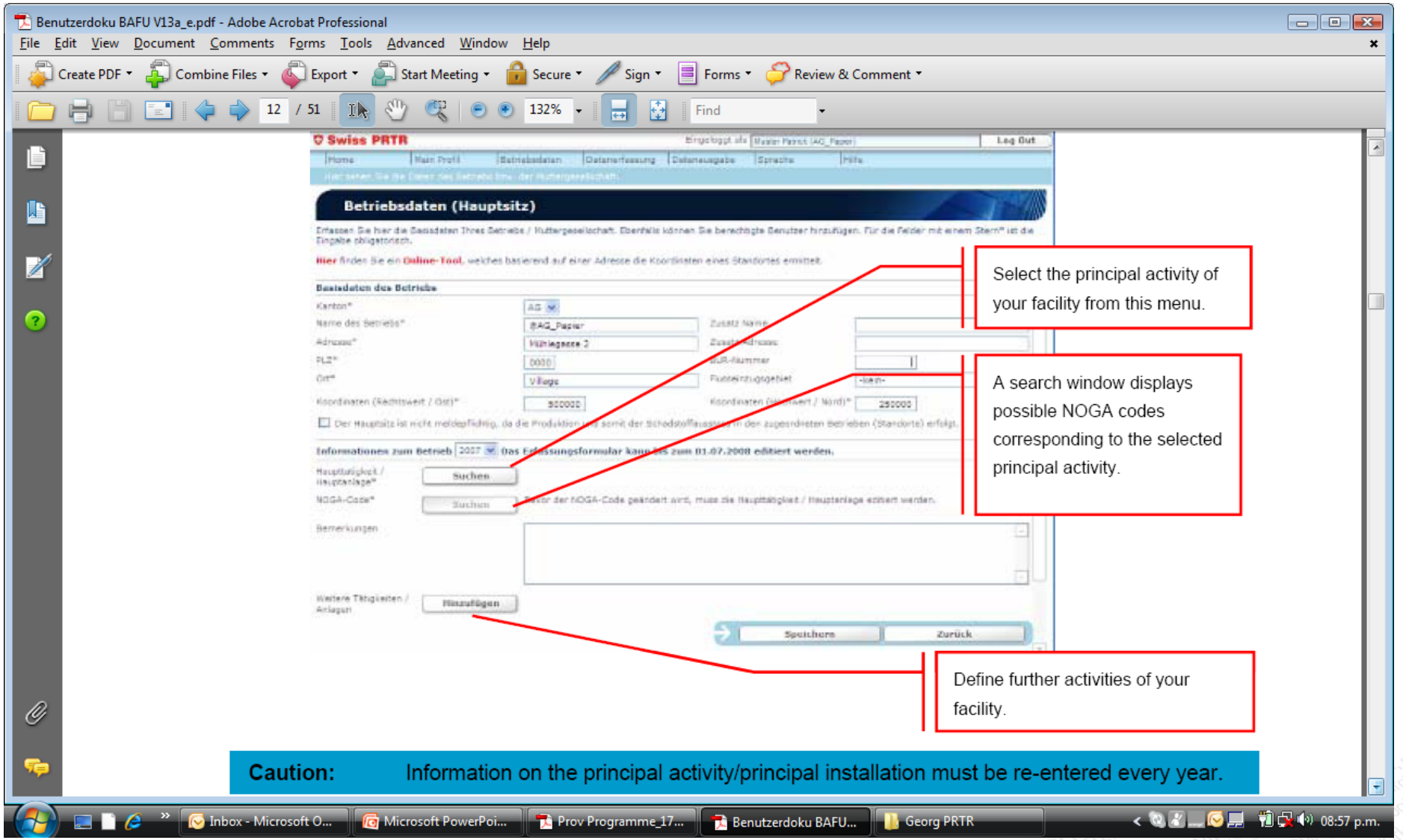
Adresse*
Zusatz Adresse
Kanton PLZ Ort*
AG
OK
Abbrechen


Benutzerdoku BAFU V13a_e.pdf - Adobe Acrobat Professional
Swiss PRTR
Betriebsdaten (Hauptsitz)
Select the principal activity of your facility from this menu.
A search window displays possible NOGA codes corresponding to the selected principal activity.
Define further activities of your facility.
Caution: Information on the principal activity/principal installation must be re-entered every year.

Benutzerdoku BAFU V13a_e.pdf - Adobe Acrobat Professional

File Edit View Document Comments Forms Tools Advanced Window Help

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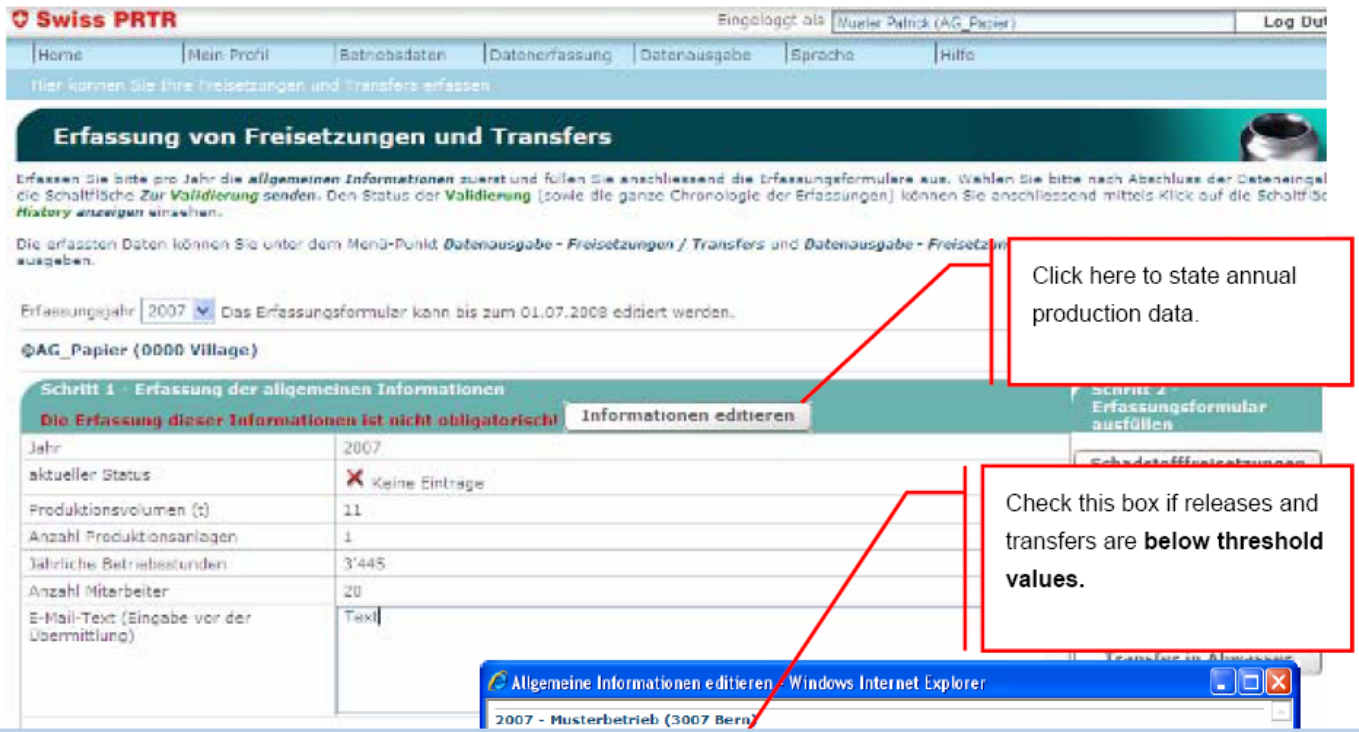
19 / 51 | 132% | Find

SwissPRTR User Documentation

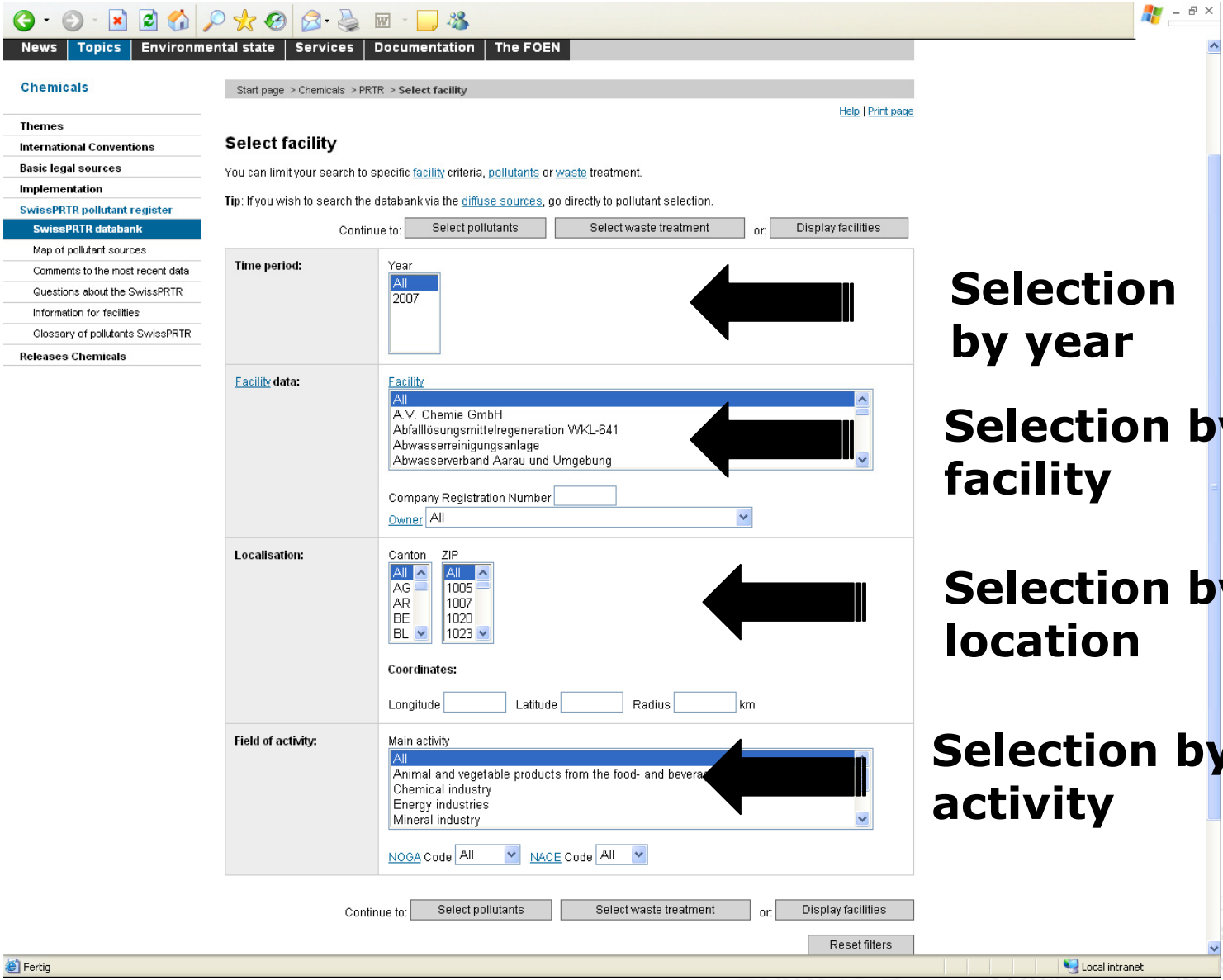


Click here to state annual production data.

Check this box if releases and transfers are **below threshold values.**

Inbox - Microsoft O... | Microsoft PowerPoi... | Prov Programme_17... | Benutzerdoku BAFU... | Georg PRTR | 08:59 p.m.

Examples of PRTRs as E-Tools - Switzerland



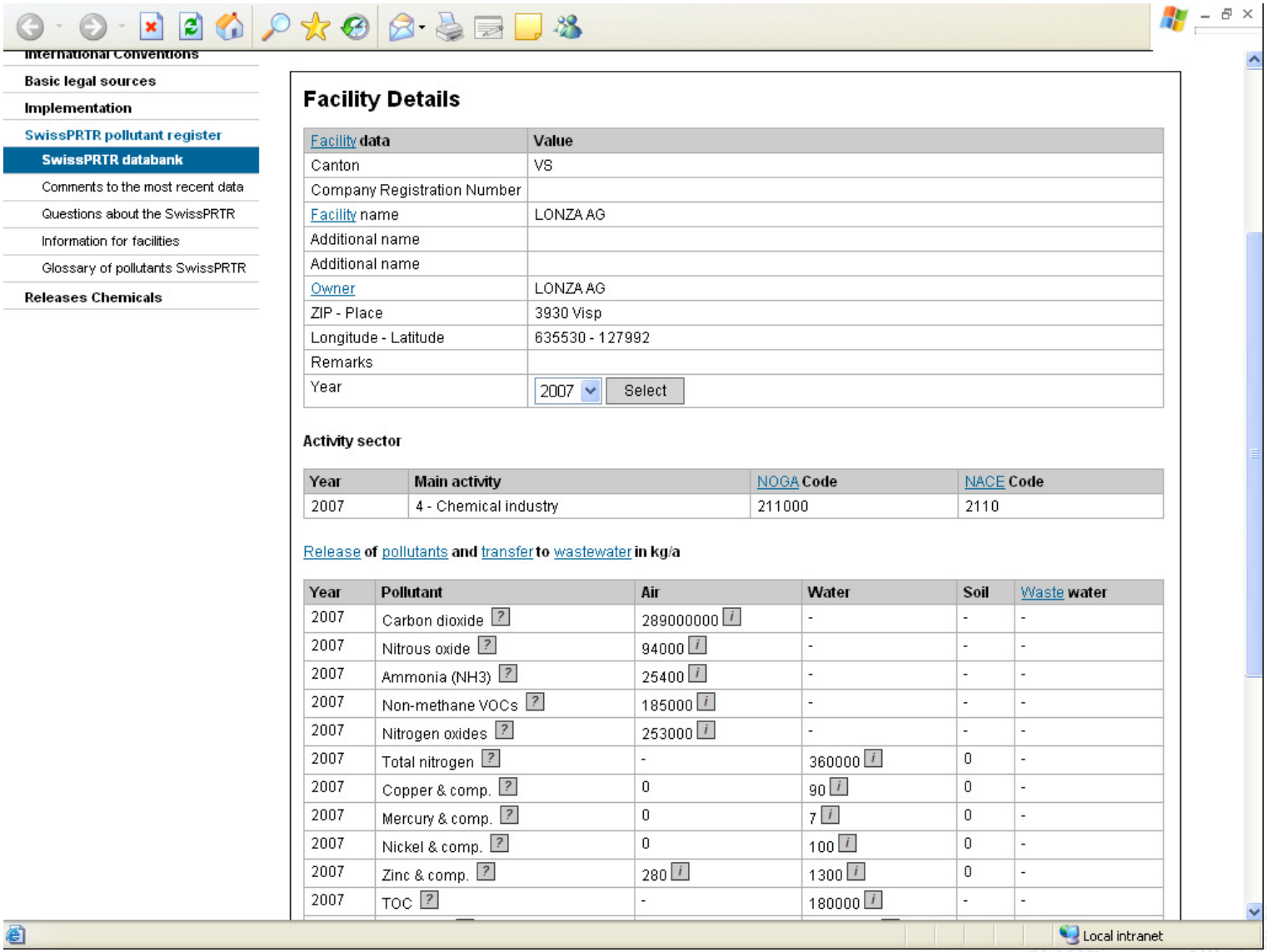
Selection by year

Selection by facility

Selection by location

Selection by activity

Examples of PRTRs as E-Tools - Switzerland



International Conventions
Basic legal sources
Implementation
SwissPRTR pollutant register
SwissPRTR databank
Comments to the most recent data
Questions about the SwissPRTR
Information for facilities
Glossary of pollutants SwissPRTR
Releases Chemicals

Facility Details

Facility data	Value
Canton	VS
Company Registration Number	
Facility name	LONZA AG
Additional name	
Additional name	
Owner	LONZA AG
ZIP - Place	3930 Visp
Longitude - Latitude	635530 - 127992
Remarks	
Year	2007 Select

Activity sector

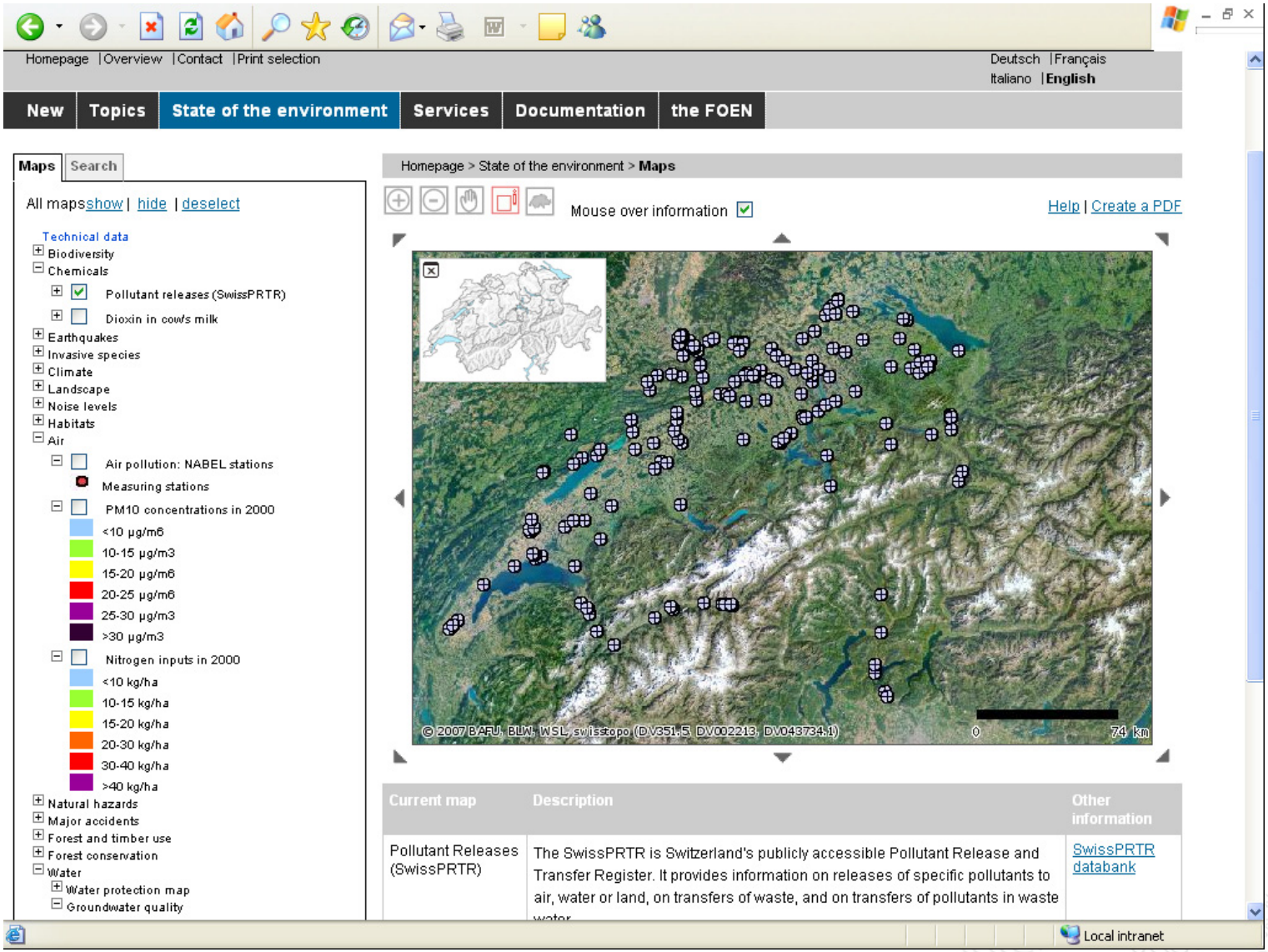
Year	Main activity	NOGA Code	NACE Code
2007	4 - Chemical industry	211000	2110

Release of pollutants and transfer to wastewater in kg/a

Year	Pollutant	Air	Water	Soil	Waste water
2007	Carbon dioxide	289000000	-	-	-
2007	Nitrous oxide	94000	-	-	-
2007	Ammonia (NH3)	25400	-	-	-
2007	Non-methane VOCs	185000	-	-	-
2007	Nitrogen oxides	253000	-	-	-
2007	Total nitrogen	-	360000	0	-
2007	Copper & comp.	0	90	0	-
2007	Mercury & comp.	0	7	0	-
2007	Nickel & comp.	0	100	0	-
2007	Zinc & comp.	280	1300	0	-
2007	TOC	-	180000	-	-

Local intranet

Examples of PRTRs as E-Tools - Switzerland



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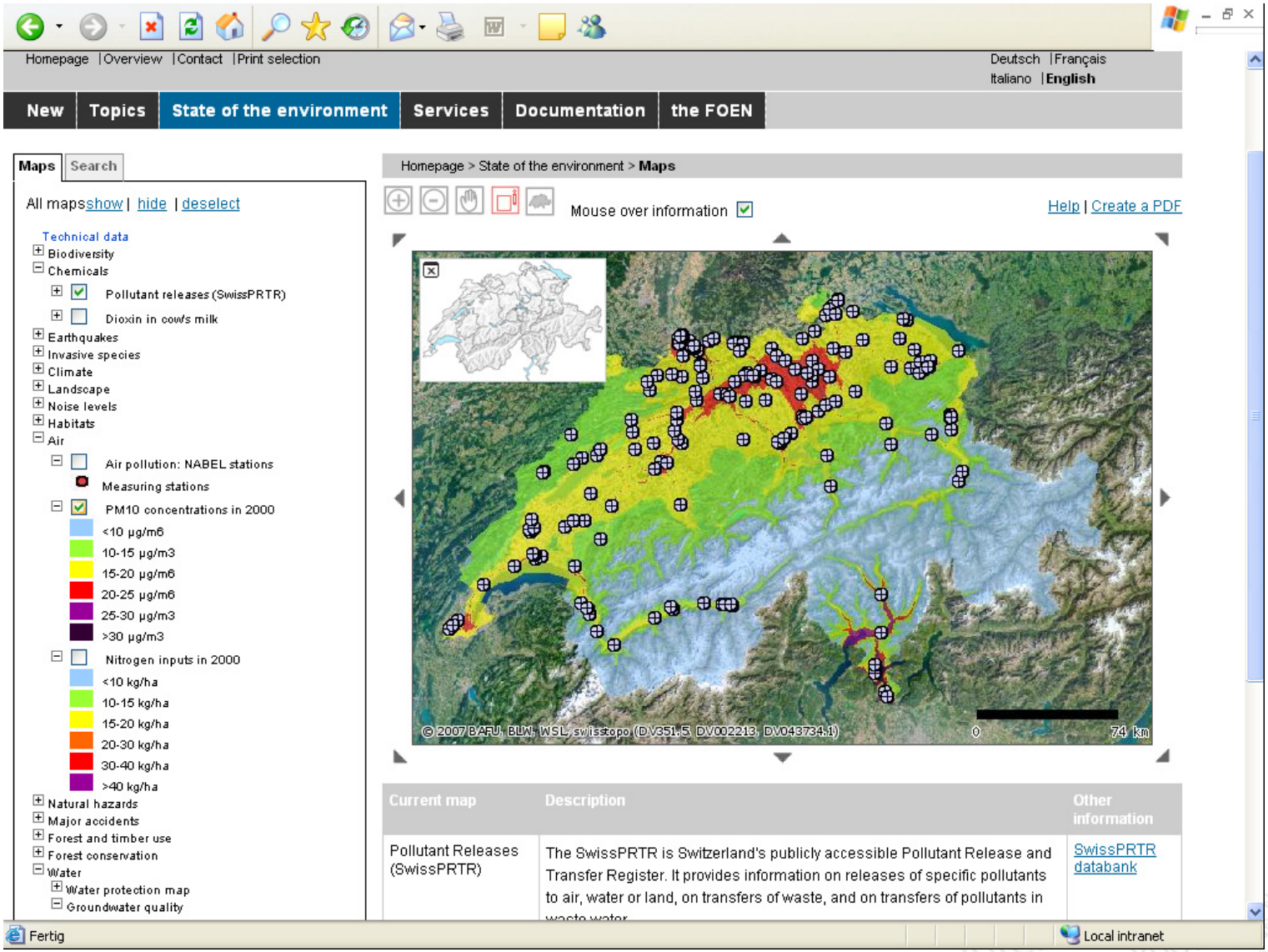
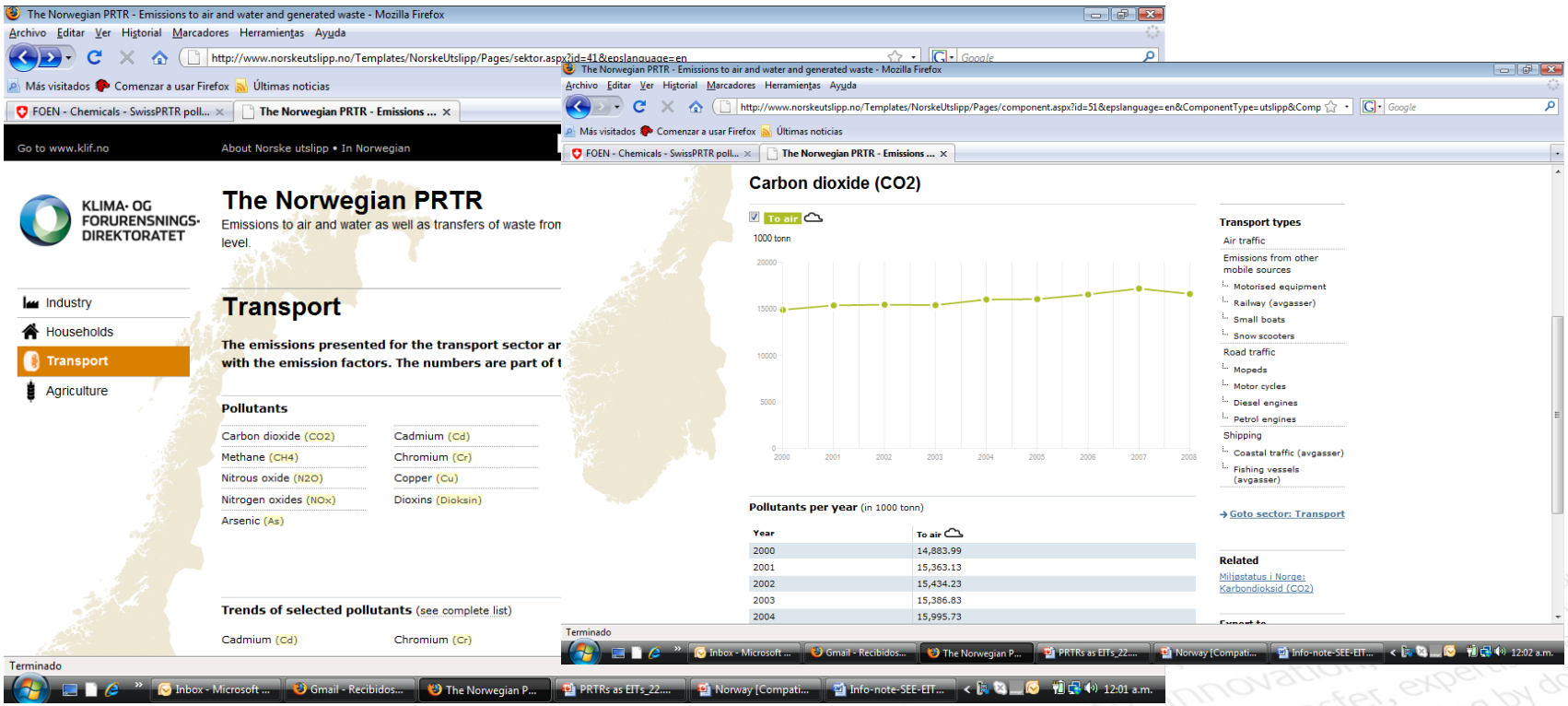


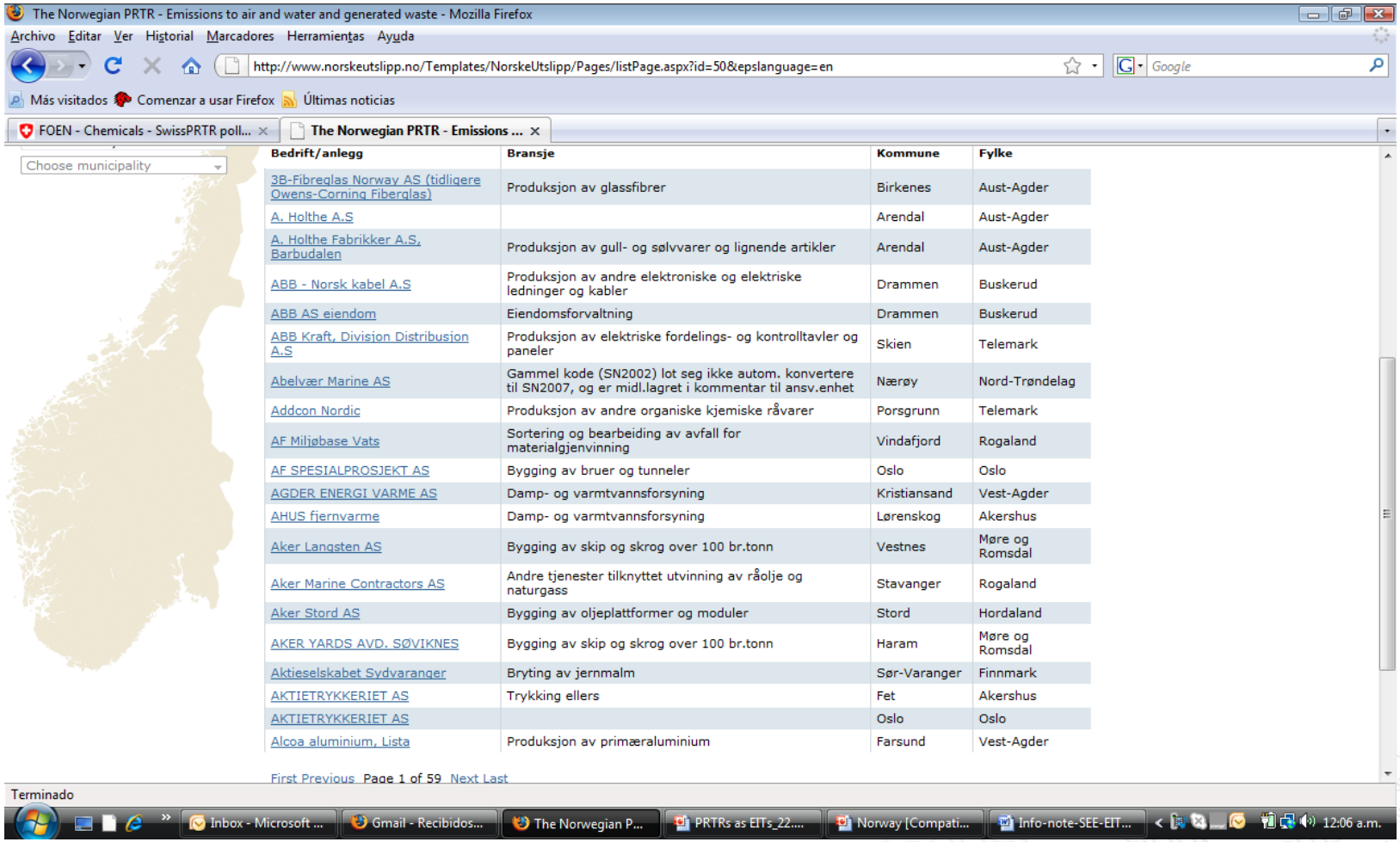
Examples of PRTRs as E-Tools - Norway

- Norwegian PRTR includes not only emissions from industry, but also from household, transport and agriculture.
- Emissions from household, transport and agriculture are estimated using activity data and emission factors. Applications include trend analysis and comparisons.



Examples of PRTRs as E-Tools - Norway

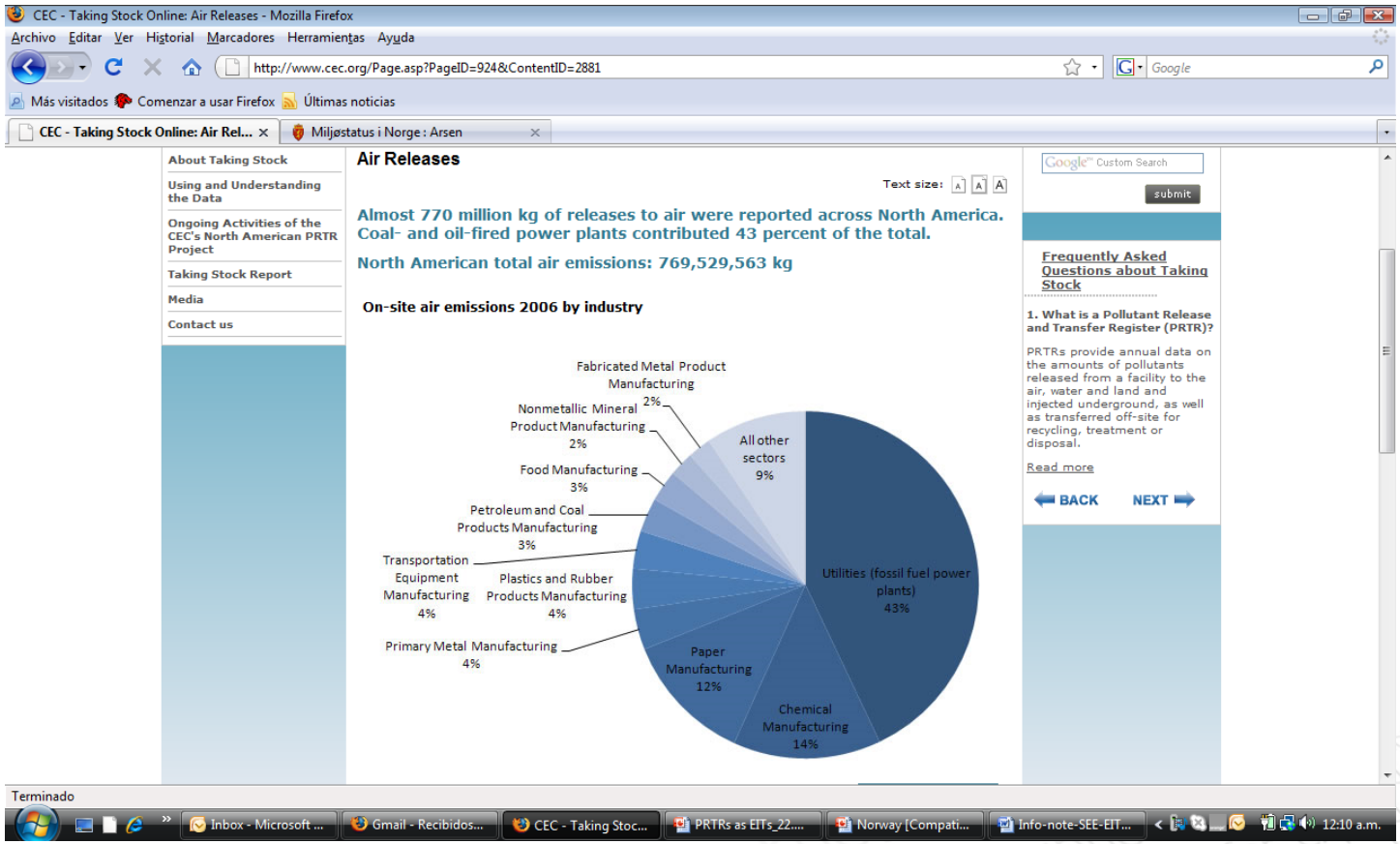
- Industry data can also be used for trend analysis.
- A list of 1163 facilities and their specific reports is available.



Examples of PRTRs as E-Tools – CEC Taking Stock in North America

- Provides and compares data of three different countries (Canada, United States and Mexico) – national PRTRs feed the overall database

- Gives several analyses of data



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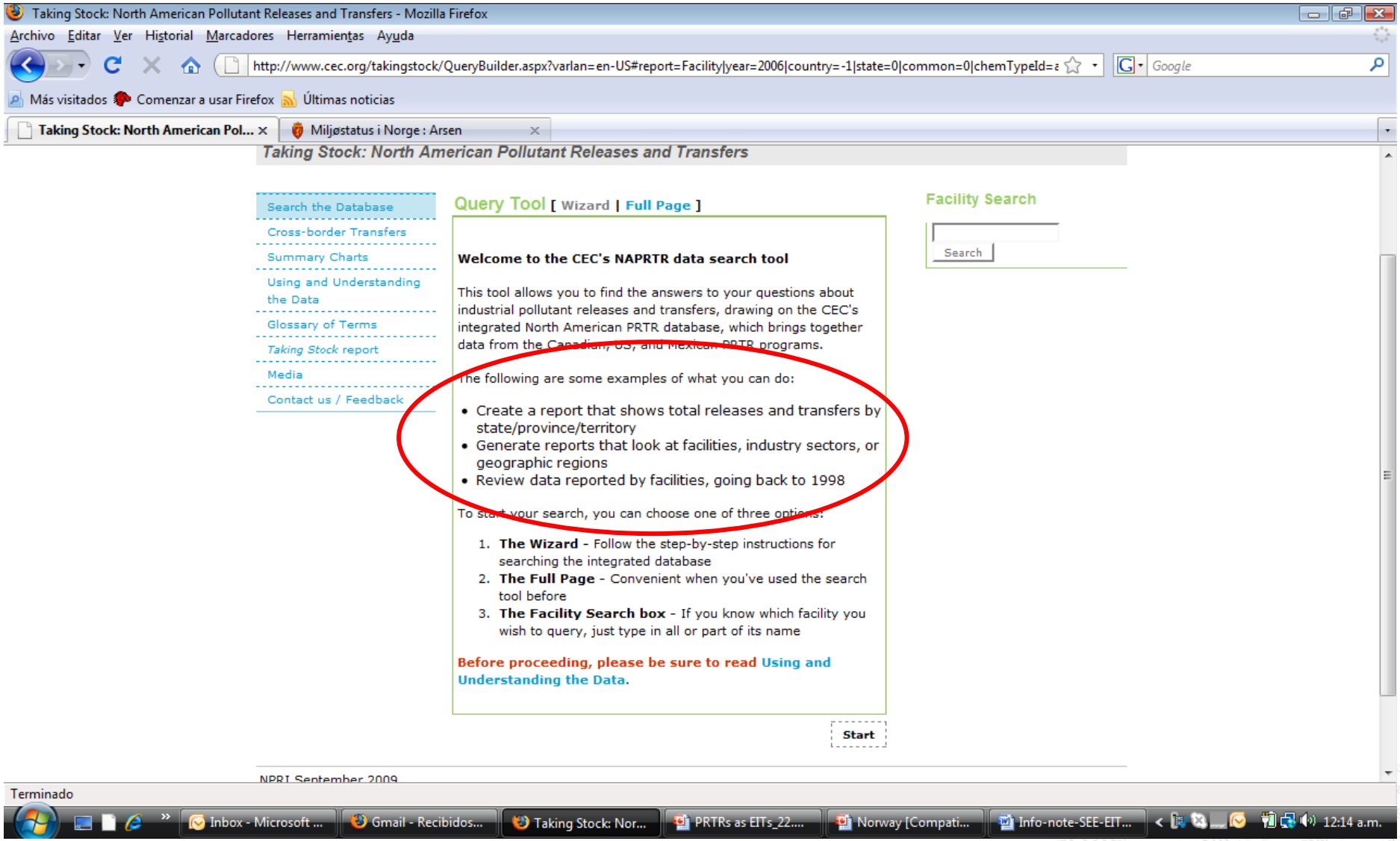

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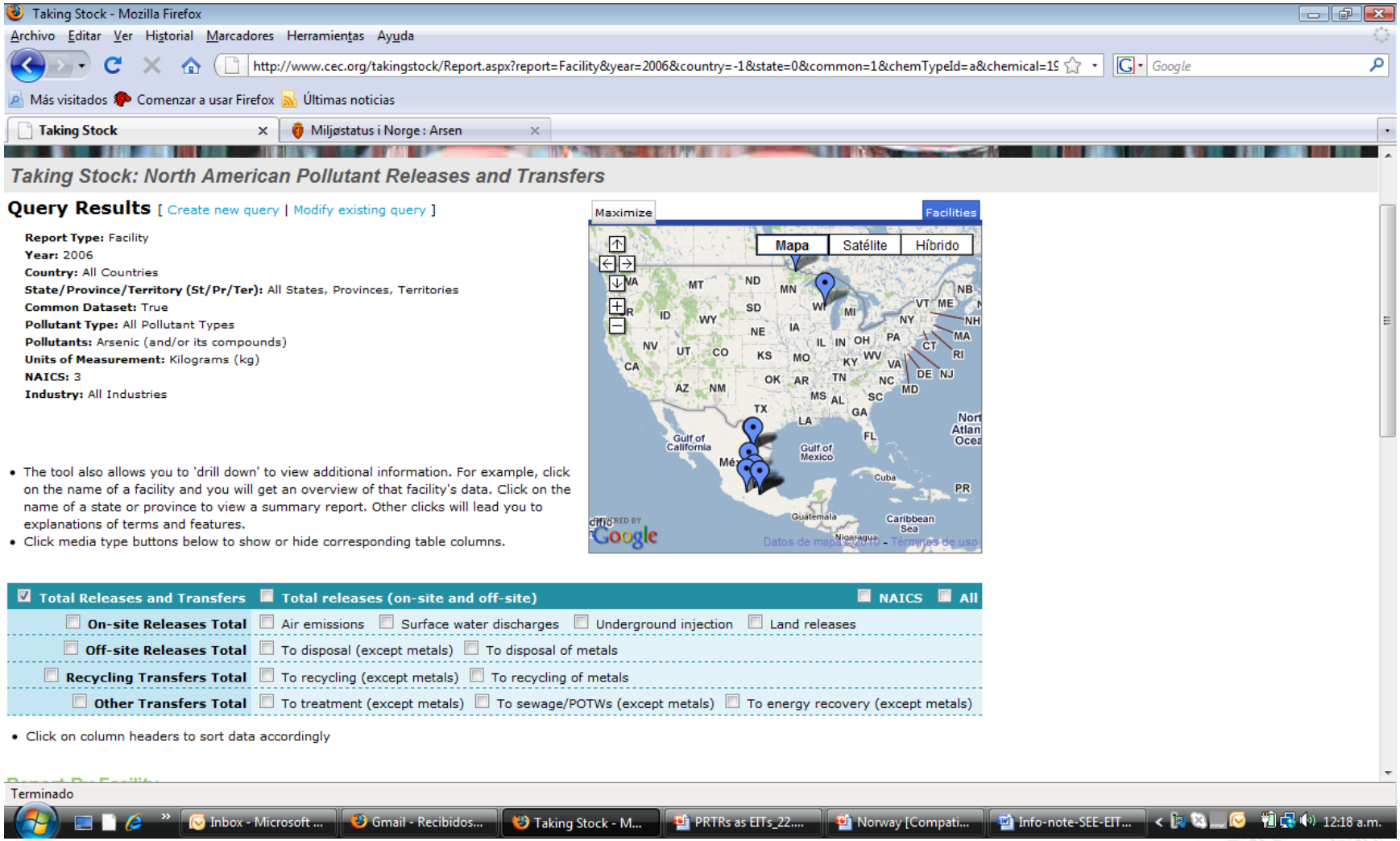
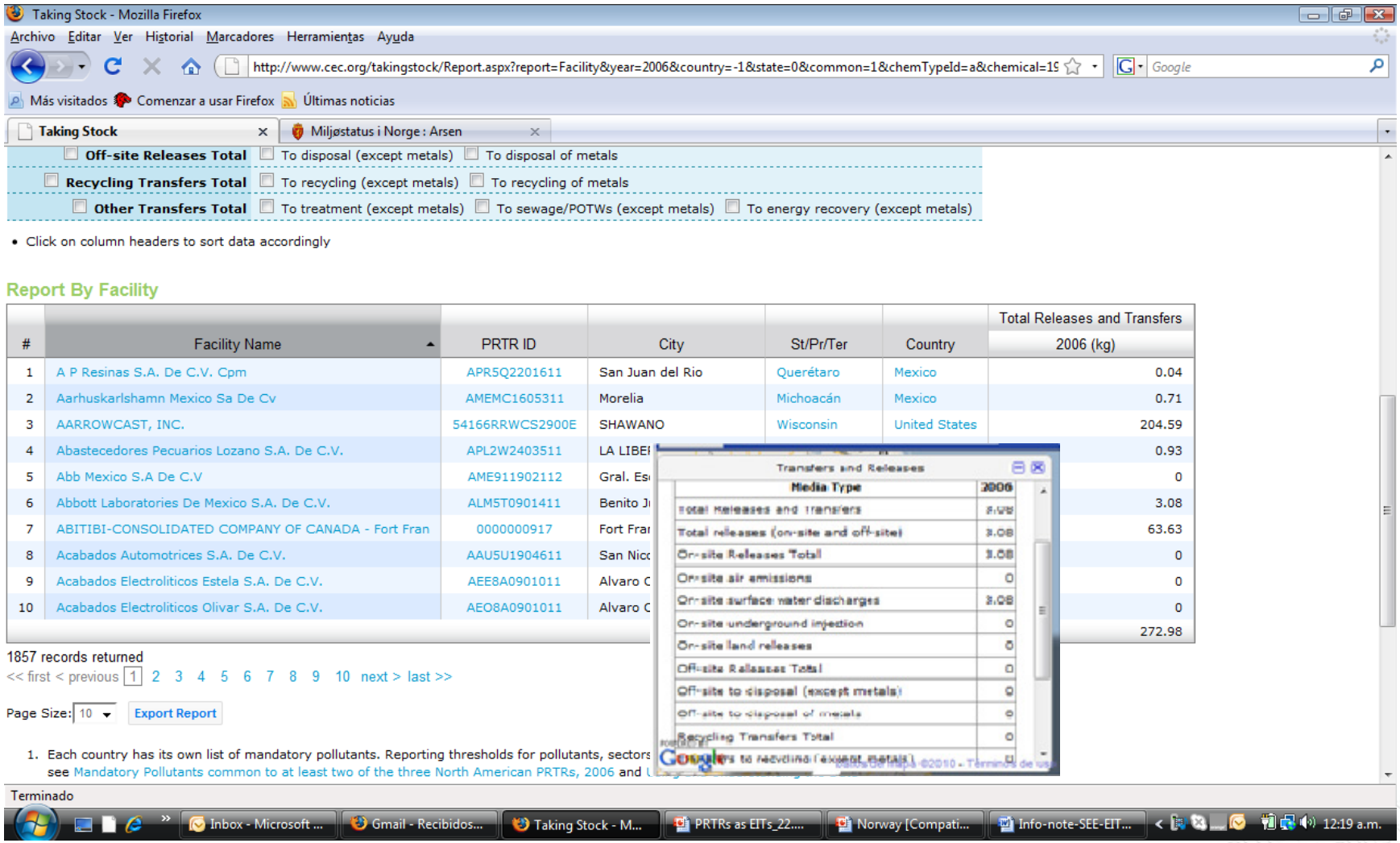


Examples of PRTRs as E-Tools – CEC Taking Stock in North America



Examples of PRTRs as E-Tools – CEC Taking Stock in North America

CEC - Taking Stock Online: Google Earth PRTR facility Map Layer - Mozilla Firefox

Archivo Editar Ver Historial Marcadores Herramientas Ayuda

http://www.cec.org/Page.asp?PageID=924&ContentID=2936

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CEC - Taking Stock Online: Googl... | Miljøstatus i Norge : Arsen

About Taking Stock
Using and Understanding the Data
Ongoing Activities of the CEC's North American PRTR Project
Taking Stock Report
Media
Contact us

Google Earth PRTR facility Map Layer

Text size: A A A

The CEC's new map layer for *Google Earth* lets users explore pollution data from about 35,000 industrial facilities in North America

With information on pollutant releases and transfers from Mexican industrial sources now available to the public, the CEC has created the first seamless, North America-wide map layer connecting citizens with point-specific industrial pollutant data in Canada, Mexico and the United States.

© *Google Earth* - © 2007 Europa Technologies - Images © 2007 TerraMetrics - Image NASA - ©2007 Navteq

Using the *Google Earth* mapping service-innovative and free computer program that allows users to explore geographic data projected over satellite images and aerial photography-the CEC's map layer plots about 35,000 North American industrial facilities that reported releases and transfers of pollutants in 2006, the most recent data available from all three countries.

This Google Earth layer allows anyone in our three countries-whether in Manitoba, Mississippi, or Michoacán-to find industrial facilities located near their homes, their workplaces, or their

Google™ Custom Search
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Frequently Asked Questions about Taking Stock

5. Do the data tell us which country is more polluted and if the situation in North America is getting better or worse?

PRTR data provide important, but not all, information about pollution in North America.

Read more

BACK NEXT

http://www.cec.org/atlas/files/PRTR_2006/PRTR2006_facilities_100721.kmz

Inbox - Micro... | Gmail - Recibi... | CEC - Taking ... | Descargas | PRTRs as EITs... | Norway [Com... | Info-note-SEE... | 12:27 a.m.

More information and links to existent PRTRs in differen countries can be found in PRTR.net

Thank you for your attention!

vera.barrantes@unitar.org

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