



# OECD ACTIVITIES ON PRTRs

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8th Meeting of Working Group of the Parties  
to the PRTRs Protocol  
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# OECD Environment, Health and Safety (EHS) Programme

37 Member countries, many partner countries and other stakeholders work together to develop and co-ordinate activities on chemical safety and biosafety on an international basis.

The main objectives of the Programme are to:

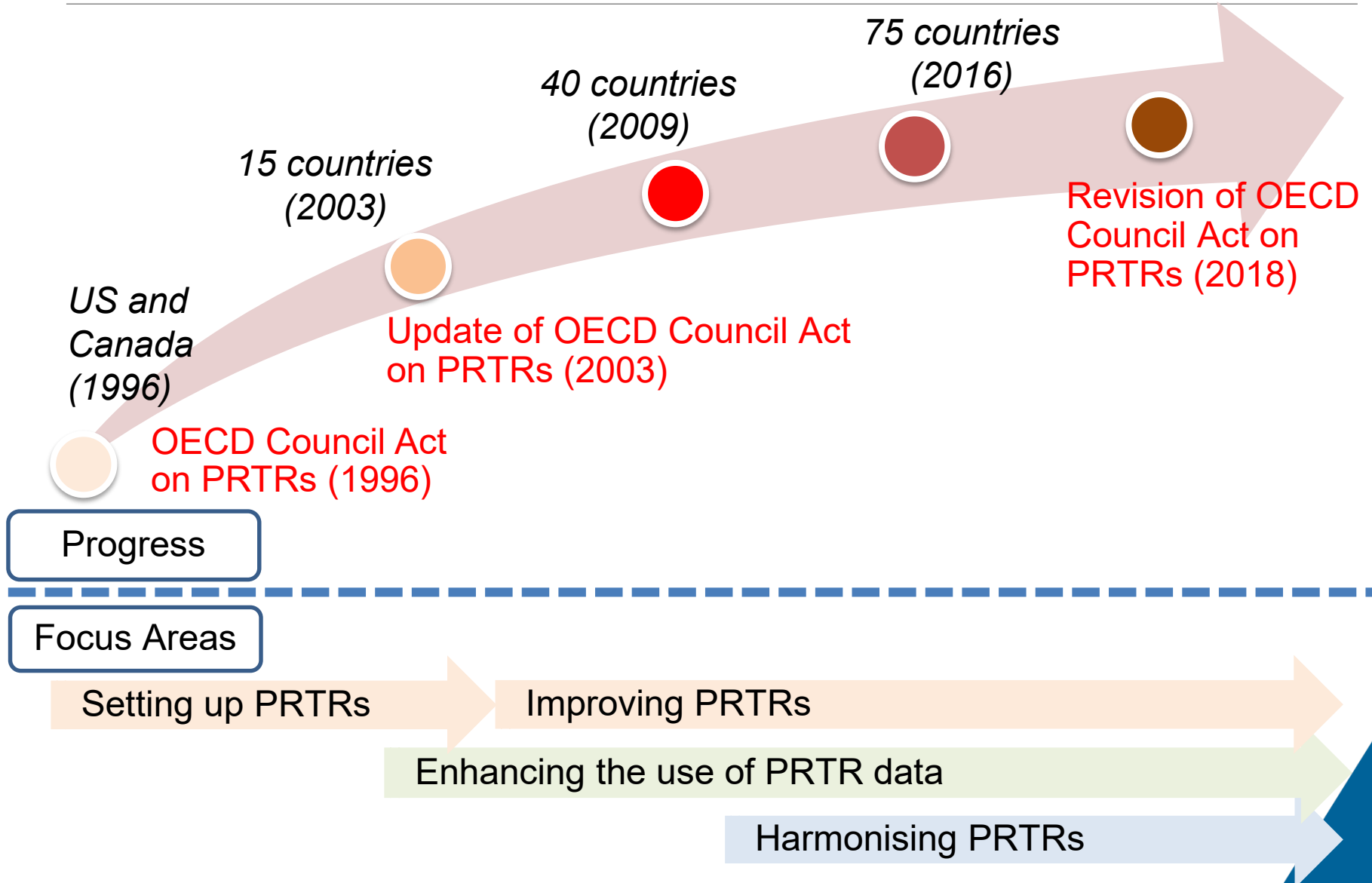
- Assist OECD Member countries' efforts to protect human health and the environment through improving chemical safety and biosafety
- Make chemical control policies more transparent and efficient and save resources for government and industry; and
- Prevent unnecessary distortions in the trade of chemicals, chemical products and products of modern biotechnology.



<http://www.oecd.org/env/ehs/>



# Progress of PRTR and OECD Activities





# Three Focus Areas of OECD activities

## Improving PRTRs

PRTR data are usually not directly measured, but estimated



Support countries to improve PRTR data quality by updating the Release Estimation Techniques to quantify pollutants

1. Point source (2013)
2. Non-point source (2020)
3. Off-site transfer (2017)
4. Release from products (2017)

## Enhancing the use of PRTR data

PRTRs are rich sources of information



Support countries to use PRTR data by

- managing three PRTR databases
- developing good practices and identifying new applications of PRTR data

## Harmonising PRTRs

- PRTRs have been established throughout the world, but vary across countries.
- Harmonising PRTRs enables global analysis and comparison between countries



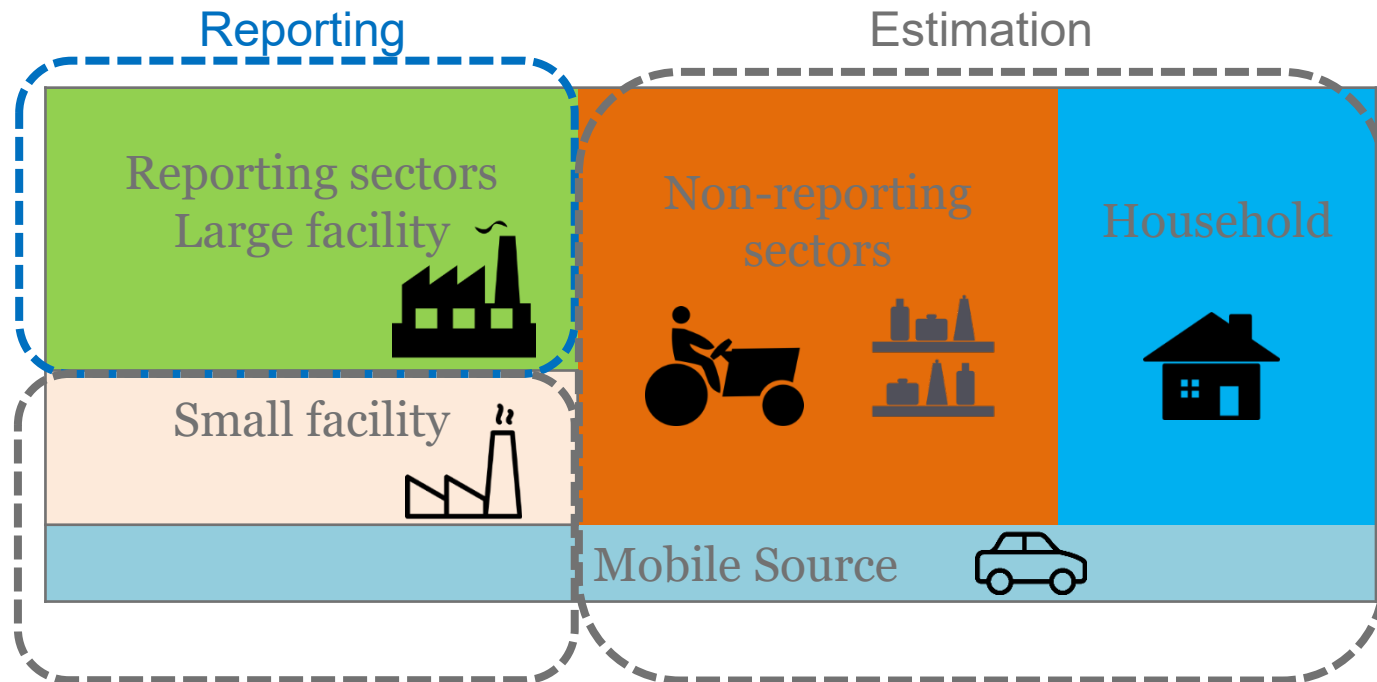
Support countries to implement harmonised PRTRs by

- providing information on elements of a PRTR (e.g. chemical list and sectors) (2014, 2015)
- updated the Council Act on PRTRs to set standard of harmonised PRTRs (2018)



# Release Estimation Techniques

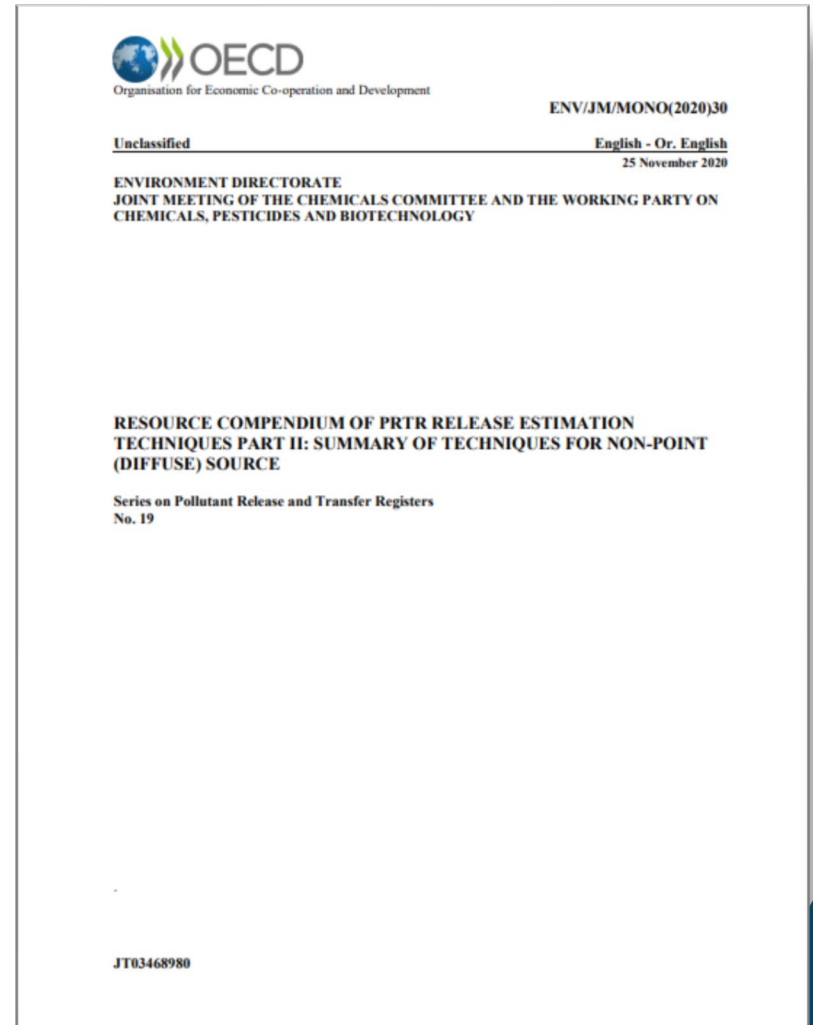
- Series of documents compiling release estimation techniques;
  1. point source (revised 2013)
  2. non-point source ([revised 2020](#))
  3. off-site transfer (revised 2017)
  4. release from products (revised 2017)





# Resource Compendium of PRTR Part 2: Summary of Techniques for Diffuse Source

- Published in 2020
- provides a wide range of information about techniques currently used in a large number of OECD countries.





## Enhancing the use of PRTRs

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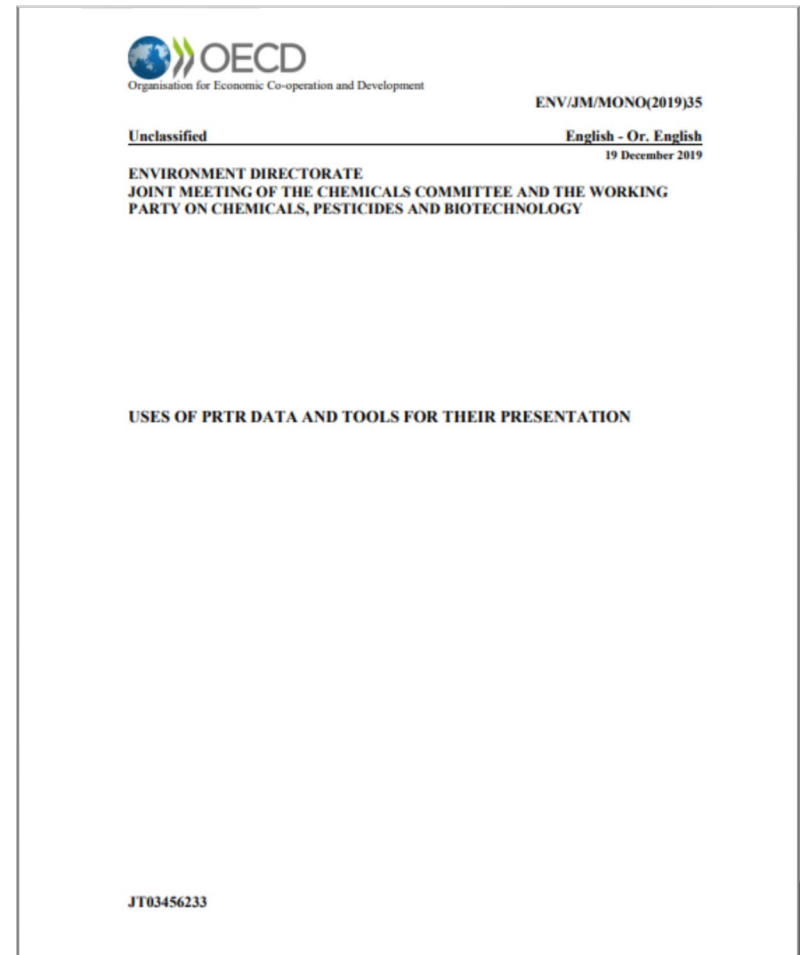
Exploring potential uses of PRTR data for measuring the progress and impact of environmental policies

- Compiling good practices on the use of PRTR data for local environmental management
- Evaluating progress towards the UN SDGs by using PRTRs data



# Use of PRTR data and tools for their presentation

- Published in 2019
- presents numerous examples of the variety of tools for presenting and illustrating PRTR data and the types of use of PRTR data in member countries.







# UN Sustainable Development Goals

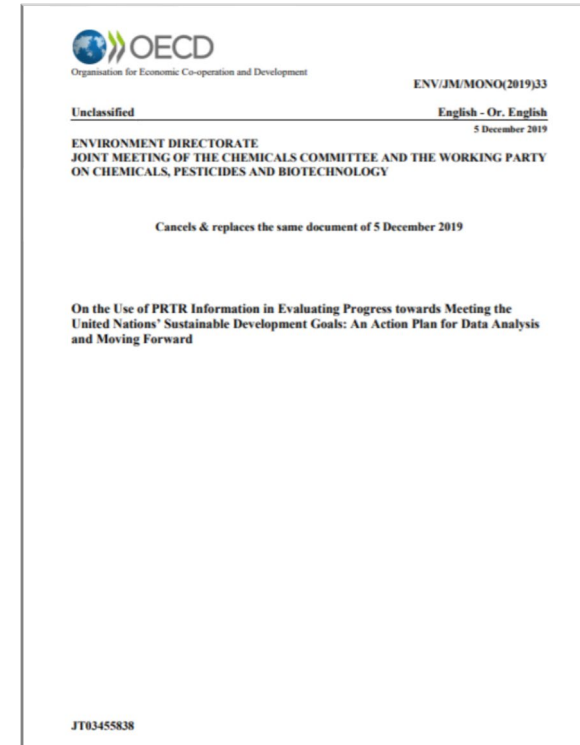


- Goal 3: Ensure healthy lives and promote well-being for all at all ages
- Goal 6: Ensure availability and sustainable management of water and sanitation for all
- Goal 9: Build resilient infrastructure
- Goal 12: Ensure sustainable consumption and production patterns
- Goal 16: Promote peaceful and inclusive societies for sustainable development

**Target 12.4** Environmentally sound management of chemicals and wastes

# Use PRTR information in evaluating progress towards meeting SDGs : An Action Plan

- Selected:
  - 14 pollutants
  - 7 PRTR systems (AU, CA, CL, EU, JP, MX, US)
  - focused on manufacturing sector
  - focused on on-site releases to air and water



Benzene	Nickel & nickel compounds	Tetrachloroethylene
1,2-dichloroethane	Di-(2-ethylhexyl)phthalate	Dichloromethane
Ethylbenzene	Trichloroethylene	Styrene
Cadmium & compounds	Chromium & compounds	Sulfur dioxide
Particulate matter	Mercury & mercury compounds	



## Efforts to enhance harmonisation

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### *Proposals for a Harmonised List of Reporting Sectors (2013)*

- Long and short list of reporting sectors
- General thresholds (applied to all sectors)
- Sector-specific thresholds

### *Proposals for a Harmonised List of Pollutants (2014)*

- Long and short list of pollutants
- Original in 2012, revised in 2014

[Revision of lists initiated in 2018](#)



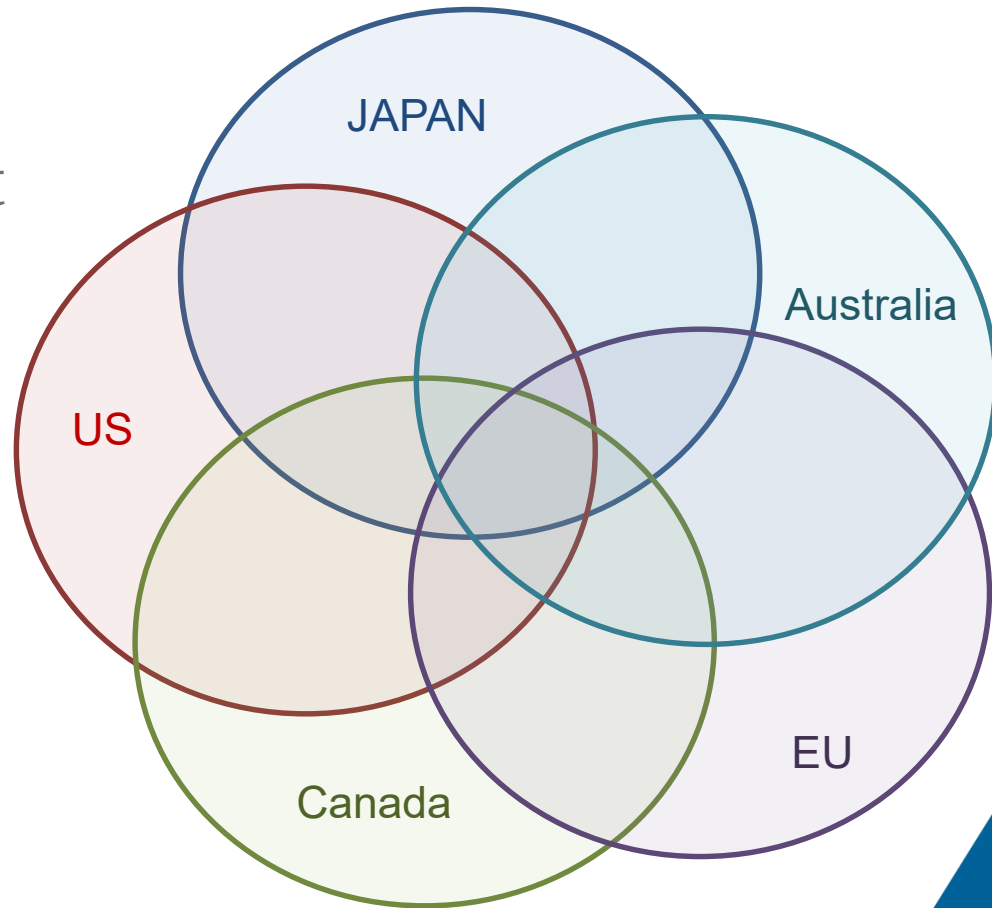
# Long/Short Chemical list

## [Long Chemical List]

- Chemicals covered by at least one of the five PRTRs.

## [Short Chemical List]

- Chemicals covered by four or more of the five PRTRs,
  - + POPs
  - + GHGs
  - + Chemicals covered under the Kiev Protocol.





# OECD Working Group on PRTRs

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- ❖ Consists of policy & technical experts from
  - OECD members and observer countries
  - Relevant organisations (UNECE, UNITAR, UNEP)
  - Industries and NGOs
- ❖ Assists countries to establish and implement PRTRs by:
  - Developing tools and providing guidance
  - Facilitating data sharing between countries
  - Exchanging recent challenges and good practices

2019	3 <sup>rd</sup> Meeting of WG-PRTRs: 16-17 October 2019 in Paris
2021	4 <sup>th</sup> Meeting of WG-PRTRs: 27-29 January 2021 in Paris



# Further information

- Email: [koki.takaki@oecd.org](mailto:koki.takaki@oecd.org)
- Website: <http://www.oecd.org/env/prtr>

The screenshot displays the OECD website's 'Pollutant release and transfer register' page. The browser address bar shows the URL <http://www.oecd.org/chemicalsafety/pollutant-release-transfer-register/>. The page features the OECD logo and tagline 'BETTER POLICIES FOR BETTER LIVES'. A navigation menu includes 'OECD Home', 'About', 'Countries', 'Topics', 'Statistics', and 'Newsroom'. The main content area is titled 'Pollutant release and transfer register' and includes a 'Find' section with links to 'Series on pollutant release and transfer registers', 'Useful databases', and 'Overview of pollutant release and transfer register'. A 'Focus' section highlights 'Recommendations' and 'Release and estimation techniques'. The page also contains introductory text about the PRTR system and its objectives.