



RENEW and Other Pollution Prevention Resources

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Outline

- What is RENEW?
 - Background
 - Outcomes
 - Data analysis
 - How to use RENEW
 - Email updates
- Other tools
 - Pollution Prevention Planning Guide
 - EPA Resources
 - Zero Waste Network

What is RENEW?

- A free materials-exchange network
- Used to sell surplus waste materials
- Option to reduce waste



Background

- Established in 1987 by the Texas Legislature
- Physical catalog of material listings
- Partnership between TCEQ and Zero Waste Network in 2007
- RENEW website launched



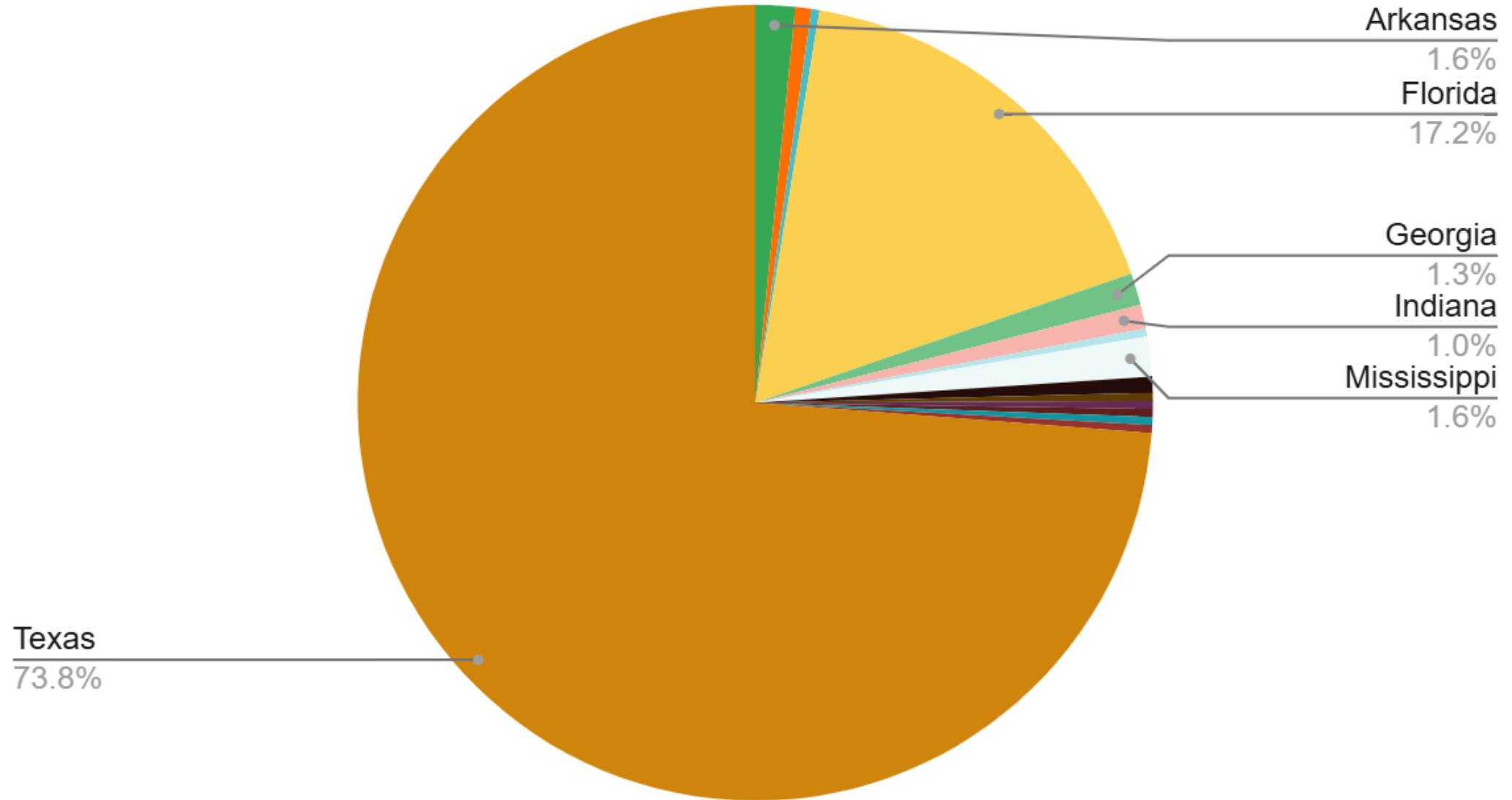
Outcomes

Since 1987, more than 500 exchanges have

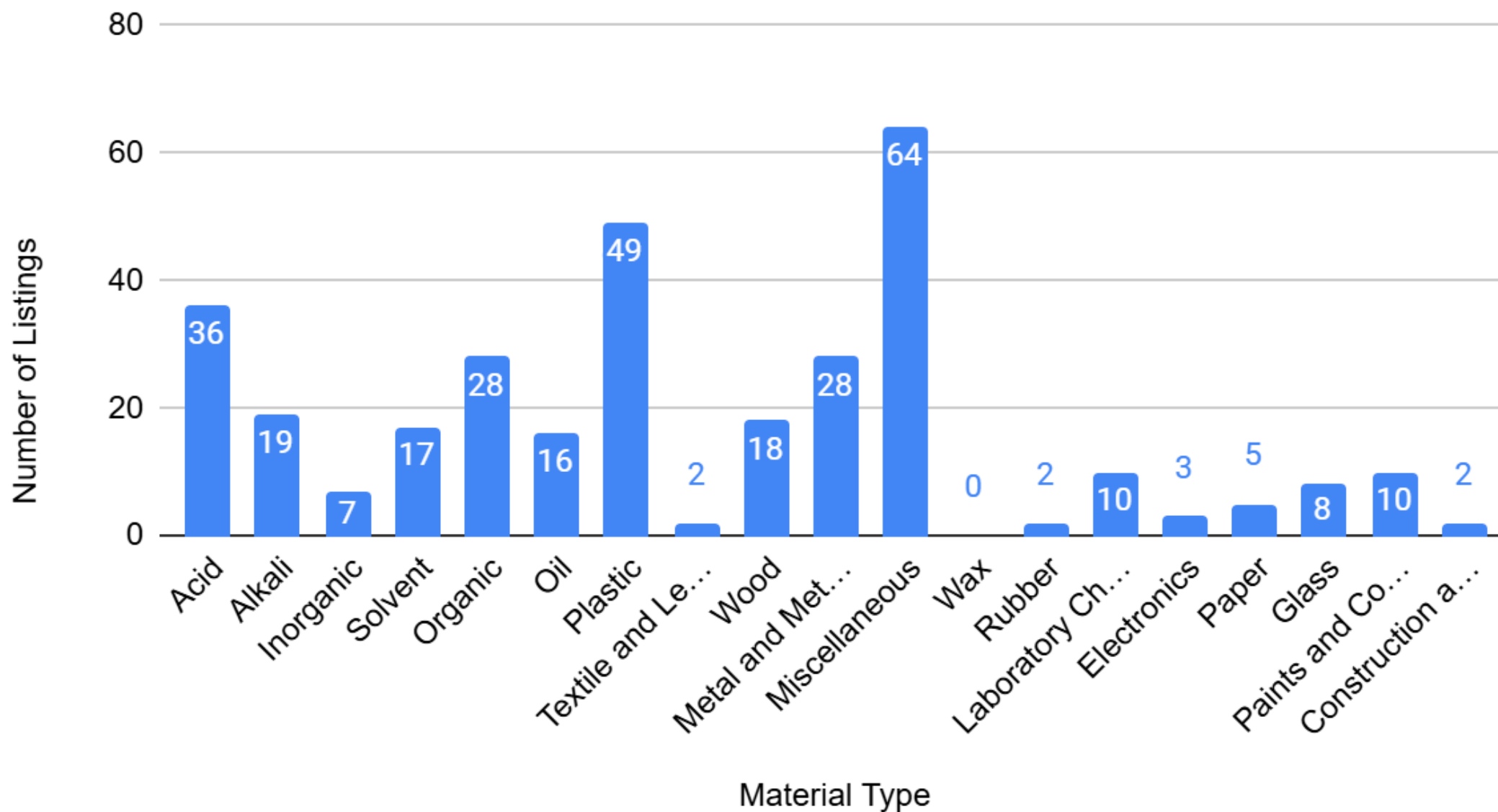
1. Diverted more than **1 billion pounds** of material
2. Saved users more than **\$27 million** in disposal costs
3. Helped users earn over **\$15 million** from sales



Listings by State (September 2025)



Number of Listings per Category (September 2025)



US Subscribers

- Texas has the most subscribers
- Significant number of users in
 - California
 - Florida
 - Oklahoma
 - Arkansas
 - New York



Texas Subscribers

City	Number of Subscribers
Houston	193
Austin	81
Dallas	49
Fort Worth	45
Pasadena	43
San Antonio	32

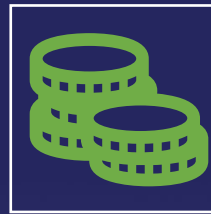


Benefits of RENEW



Environmental

- Conserve natural resources
- Reduce waste handled, processed and disposed



Economic

- Reduce disposal cost
- Potential profit



Social

- Show environmental consciousness

How to Use RENEW – create a listing

1. Go to renewtx.net
2. Create an account
3. Add wanted or available listing, edit listings, add successful exchange
4. Option for confidentiality

How to Use RENEW – material listings

- **Materials Available** – find materials offered
- **Materials Wanted** – search for materials others want



MATERIALS
AVAILABLE

MATERIALS
WANTED

ABOUT

LOG IN

SUCCESS
STORIES

A large, messy pile of discarded books, papers, and documents, illustrating the need for a resource exchange.

RENEW
RESOURCE EXCHANGE

How to Use RENEW - Subcategories






Acid	Alkali	Inorganic	Solvent	Organic	Oil
Plastic	Textile and leather	Wood	Metal and metal sludge	Miscellaneous	Wax
Rubber	Laboratory chemicals	Electronics	Glass	Paints and coatings	Construction and demolition



Subcategories



MATERIAL CATEGORIES

MATERIAL TYPE	DEFINITION	EXAMPLE
 Acid	Chemical substance having pH less than 7. Neutralizes alkalis and dissolves some metals.	Ferric Chloride, Sulfuric Acid
 Alkali	Chemical substance having pH greater than 7. Reacts with acids to produce salt and water.	Potassium Hydroxide, Sodium Hydroxide Solution
 Construction and Demolition	Materials used in construction and demolition.	Sand Blasting Grit, Drywall
 Electronics	Discarded electrical or electronic devices.	Computers and monitors
 Glass	Hard, brittle substance, typically transparent or translucent, use to make windows, drinking containers and other articles.	Crushed Glass, Glass Jars



Email Updates

Go to the RENEW page on TCEQ to [subscribe](#) for updates on material listings

Sign Up for Email Updates

Get updates on new material listings. Visit our subscription page and select "Resource Exchange Network for Eliminating Waste (RENEW)" under the "Waste Management, Reduction, & Recycling" category.

ABOUT US CONTACT US CALENDAR JOBS ORG CHART SIGN UP FOR UPDATES ENGLISH

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Risk | Eliminate Waste

Home / Pollution Prevention Resources / P2 Planning

Questions or Comments
p2@tceq.texas.gov

Pollution Prevention (P2) Planning

A portal to resources available for the Waste Reduction Policy Act and pollution prevention planning.

P2PLAN.ORG
The State of Texas Pollution Prevention Program

[Annual Progress Report](#) | [Online P2 Annual Progress Reporting \(STEERS\)](#)

[Example P2 Plans](#) | [Pollution Prevention Planning Guide \(RG-409\)](#)

Documents on this page are in various file formats (Help [downloading files.](#))

Texas' Pollution Prevention Planning Law

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WRPA Hot Topics Resources

Tools and Resources

www.P2plan.org

ON
ALITY

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Reporting

Search Site

WRPA

Background [about the Waste Reduction Policy Act](#), its requirements, and resources to help you get the most from planning.

Read and reference the [Pollution Prevention Planning Rule](#).

Pollution Prevention Planning
Use [A Guide to Pollution Prevention Planning \(RG-409\)](#) to meet the WRPA requirements while reducing risks, eliminating waste, and saving money!

P2 Executive Summary
[Worksheet 6](#) or [Worksheet 6](#) will help you complete the Executive Summary. See [Tables 4 and 5](#) for a quick reference on what is required.

P2 Annual Progress Report (APR)
Background information about this report, which WRPA requires some facilities to submit each year.

P2 APR Reporting Forms:
You can download a [Word printed version](#) or a [PDF printed version](#) and its [APR](#)

Hot Topics

NEW P2 Plan Executive Summaries Due Jan. 1, 2025

Facilities that have completed a five-year P2 reporting cycle in 2024 must renew a five-year P2 Plan and submit an Executive Summary and Certificate of Completeness and Correctness (C3) to the TCEQ by **January 1, 2025**.

Additionally, facilities who become subject to P2 Planning must create an initial five-year P2 Plan and submit an Executive Summary and C3 to the TCEQ **within 90 days** of submitting the first TRI Form R or first Annual Waste Summary, whichever comes first.

NEW Fall 2024 P2 Workshops: Tools for Sustainability

The University of Texas-Arlington, Environmental Training Institute (ETI) is offering online and in person two-day Pollution Prevention Workshops in conjunction with the TCEQ:

Choose a date below to register!
(Meeting times are 9 a.m. – 5 p.m.)

Resources

Reduce Waste and Save
these links to enhance
efforts!

P2 Resources
These tools can help in effectiveness of your pollution prevention plans.

RENEW
RENEW is a materials-exchange network for industries, and governmental units sell surplus materials, byproducts and wastes to those who or reuse them.


U.S. EPA
Find additional P2 information ideas at the United States Environmental Protection Agency Pollution Prevention website.

P2 Planner
This tool, created by Zero Waste Network, will help you create a plan that complies the TCEQ Pollution Prevention Requirements.

Sign Up for Email or RSS Updates
Subscribe to receive P2 updates. Visit our subscription page.

Tools and Resources

www.P2plan.org


 TEXAS COMMISSION ON
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Reduce Risk | Eliminate Waste

Pollution Prevention (P2) Planning Home

[Home](#) / [Pollution Prevention Resources](#) / [P2 Planning](#) / [About the Annual Progress Report \(APR\)](#)

>> Questions or Comments:
p2@tceq.texas.gov

About the Annual Progress Report (APR)

About the Pollution Prevention (P2) Annual Progress Report: its purpose, applicability, requirements, and schedule.

- [Applicability and Requirements](#)
- [Purposes](#)
- [Due Dates](#)
- [Reporting Forms](#)
- [For Help](#)

Applicability and Requirements

The Pollution Prevention (P2) Annual Progress Report is required, for certain facilities, by the [Waste Reduction Policy Act \(WRPA\)](#).

You must submit a P2 Annual Progress Report (APR) if you are a large quantity generator or report on TRI Form R. The report delineates progress towards pollution prevention goals laid out in your P2 Plan. It provides an opportunity to review and update your plan and look for new ways to save money by reducing waste.

Small quantity generators who **do not** report on the TRI form R are not required to submit a P2 Annual Progress Report, but **must prepare** a P2 Plan and submit the Executive Summary to TCEQ.

The Texas P2 Annual Progress Report is **not** the U.S. Environmental Protection Agency's waste minimization report (Biennial Report Form WM/IC), or the TCEQ [Annual Waste Summary](#).

P2 Planning Resources

[About the Annual Progress Report \(APR\)](#)


[P2 Reporting Requirements](#)

[Pollution Prevention Waste Management Workshop](#)

 [How are we doing? Take our customer satisfaction survey](#)

Tools and Resources

www.P2plan.org



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About the Annual Progress Report (APR)

P2 Planning Resources

P2 Reporting Requirements

Pollution Prevention Waste Management Workshop


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P2 Planning Resources

Links to available resources for P2 Planning efforts.

The links below will take you off the [TCEQ](#) Web site. This collection is provided solely as a courtesy to agency customers and comprises resources that agency staff or customers have found to contain useful information. Because the [TCEQ](#) has no control over the posting of material to Web sites on this list, the agency cannot take responsibility for the validity of their contents.



How are we doing? Take our customer satisfaction survey



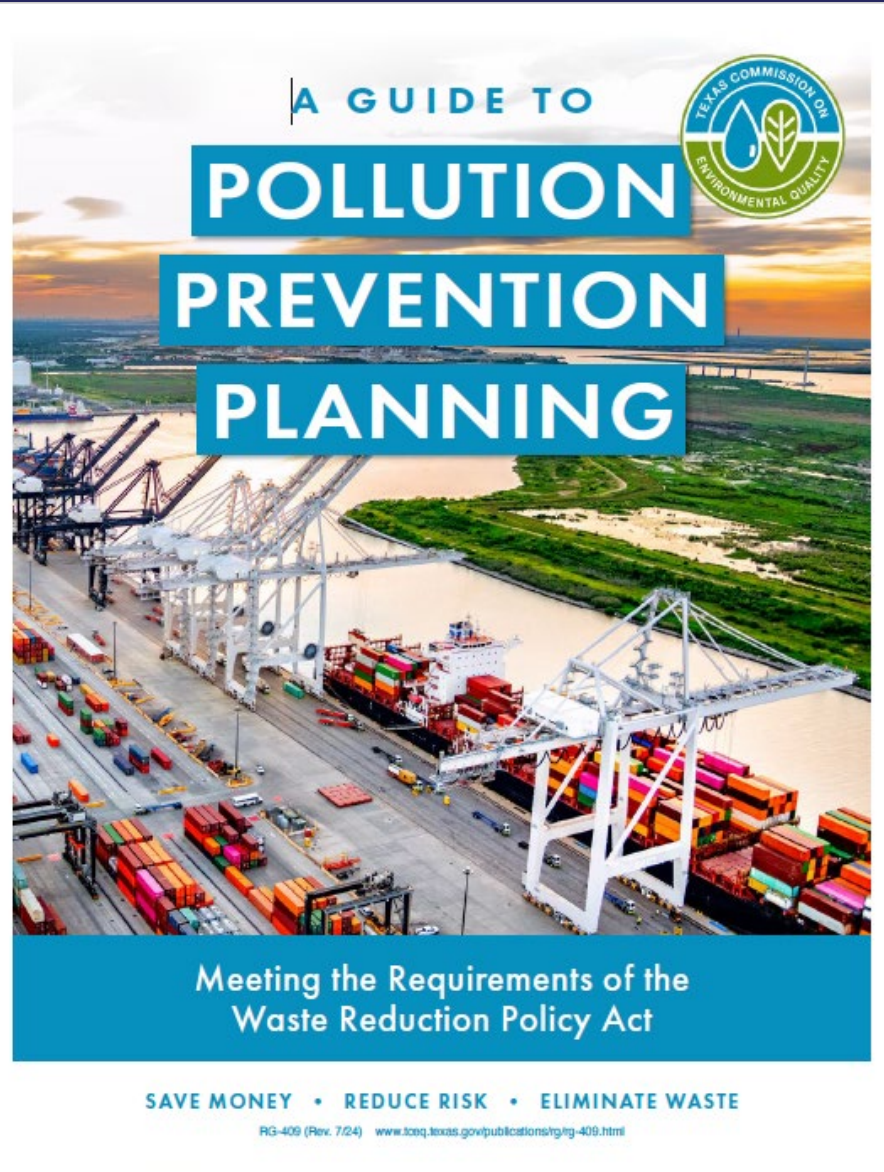
U.S. Environmental Protection Agency's Pollution Prevention Web site provides general information about P2 practices, the various source reduction programs and initiatives administered by [EPA](#) and other organizations, and provides contacts for further information.

E3: The E3: Economy, Energy and Environment Program is a federal technical assistance framework helping communities, manufacturers and manufacturing supply chains adapt and thrive in today's green economy. EPA and five other federal agencies have pooled their resources to support small and medium-

Tools and Resources

www.P2plan.org





P2 Planning Guide (RG-409)

P2 Planning Guide (RG-409)

- Worksheets
 - Assessment Team
 - Process Flow Diagram
 - Prioritized List of Wastes
 - Project Descriptions and Goals
 - Employee Awareness Training
 - Cost Accounting
- Documentation Requirements
 - LQG/TRI Form R
 - SQG only

P2 Planning Guide (RG-409)- LQG/Form R

Table 4. Minimum Documentation Requirements for Large Quantity Generators or TRI Form R Reporters

P2 Plan	Executive Summary
<ul style="list-style-type: none"> ■ Facility description ■ List of all hazardous waste generating activities ■ List of all TRI release activities ■ Prioritized list of technically and economically feasible P2 projects ■ Explanation of P2 projects to be undertaken with discussion of: <ul style="list-style-type: none"> • technical and economic considerations • environmental and human-health risks ■ Estimate of type and amount of reduction anticipated ■ Implementation schedule for each P2 project ■ Description of measurable P2 goals ■ Explanation of employee awareness and training programs ■ Discussion of projects that may result in the release of a different pollutant or contaminant, or that may shift the release to another medium ■ Signed certification by owner or corporate officer of commitment and ability to authorize company resources for implementation ■ Executive Summary of the P2 Plan 	<ul style="list-style-type: none"> ■ Facility description, including: <ul style="list-style-type: none"> • facility name • mailing and physical addresses • contact, phone numbers, and email • general description of facility • ID numbers: TCEQ Regulated Entity Number (RN), TCEQ Customer Number (CN), TCEQ Solid Waste Registration (SWR), EPA, Pollution Prevention Number (PNumber) and TRI numbers • SIC code and NAICS • time period the five-year plan is in effect ■ List of all hazardous wastes generated and the volume of each ■ List of all reportable TRI releases and the volume of each ■ Prioritized list of pollutants and contaminants to be reduced ■ Statement of measurable reduction goals ■ Explanation of environmental and human-health risks considered in determining reduction goals ■ List of projects with an associated schedule of implementation ■ Implementation schedule for future reduction goals ■ Discussion of projects that may result in the release of a different pollutant or contaminant, or that may shift the release to another medium <p style="text-align: center;">Annual Progress Report</p> <p>Every July 1 an Annual Progress Report must be submitted using TCEQ forms. Forms are available online or in this guide.</p>

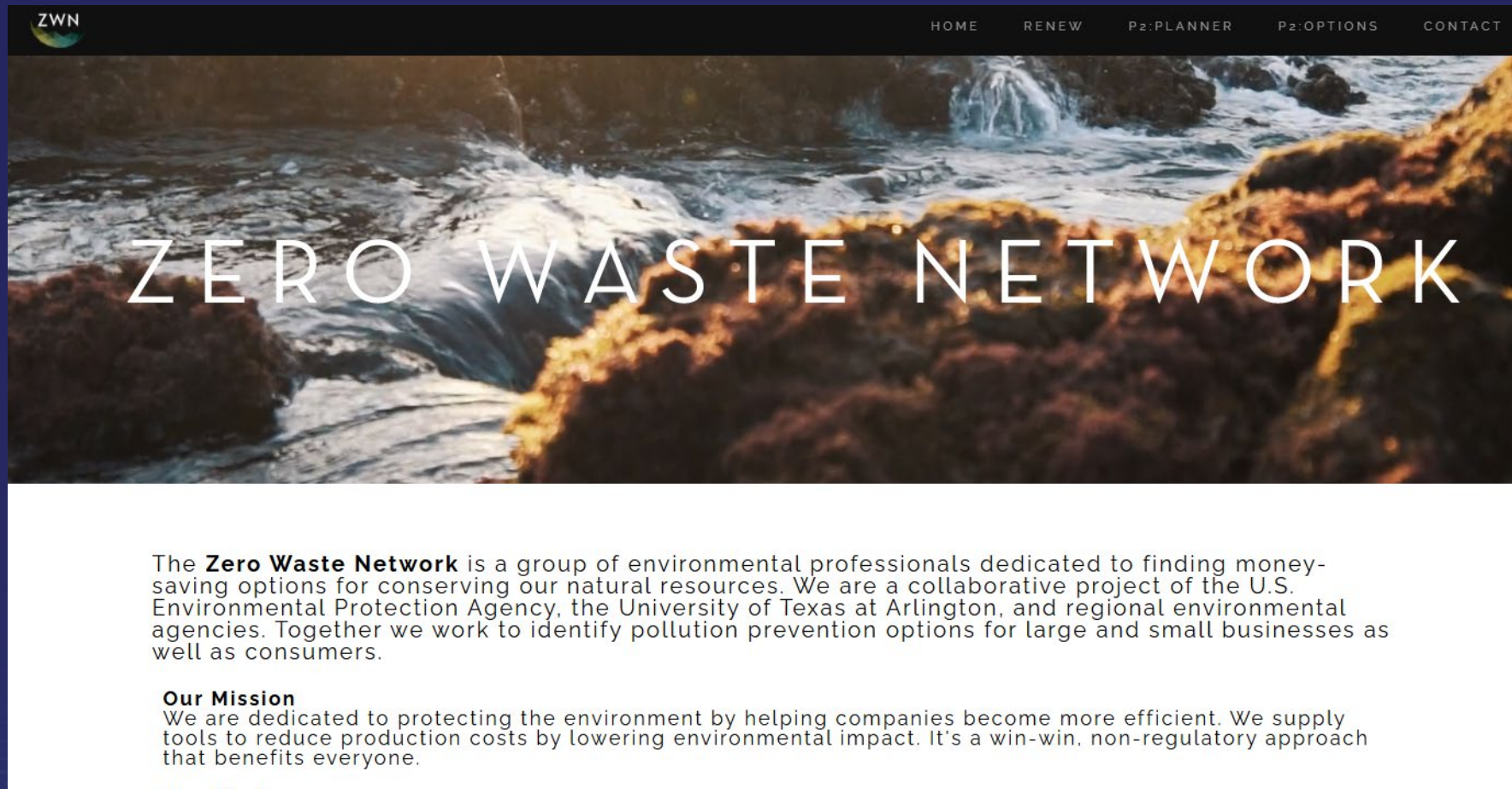
P2 Planning Guide (RG-409)- sqg

Table 5. Minimum Document Requirements for Small Quantity Generators That Do Not Report on TRI Form R

P2 Plan	Executive Summary
<ul style="list-style-type: none"> ■ Facility description ■ List of hazardous wastes generated and volume of each ■ Prioritized list of pollutants and contaminants to be reduced ■ Statement of measurable reduction goals ■ Discussion of environmental and human-health risks considered in determining reduction goals ■ List of P2 projects with implementation schedule ■ Implementation schedule for future reduction goals ■ Signed certification by owner, or officer, of commitment and ability to authorize company resources for implementation ■ Executive Summary of the P2 Plan 	<ul style="list-style-type: none"> ■ Facility description, including: <ul style="list-style-type: none"> • facility name • mailing and physical addresses • contact, phone numbers, and email • general description of facility • ID numbers: TCEQ Regulated Entity Number (RN), TCEQ Customer Number (CN), TCEQ Solid Waste Registration (SWR), EPA, and Pollution Prevention Number (PNumber) • SIC code and NAICS • Time period the five-year plan is in effect ■ Prioritized list of pollutants and contaminants to be reduced ■ List of source reduction activities associated with reduction of prioritized wastes identified in the plan

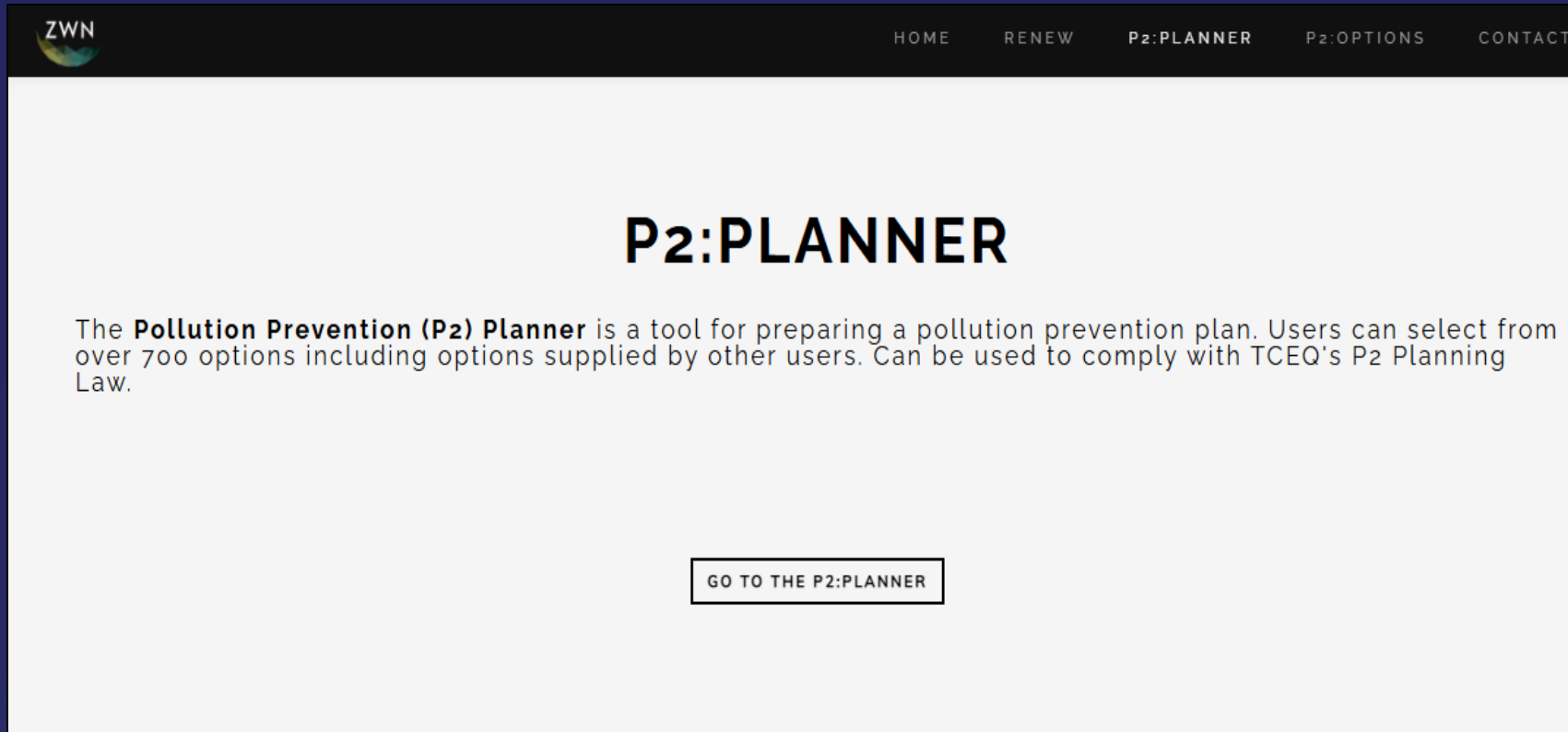
Zero Waste Network

- www.zerowastenetwork.org



Zero Waste Network

- P2 Planner



The screenshot shows the homepage of the Zero Waste Network (ZWN) P2:PLANNER tool. The header is dark blue with the ZWN logo on the left and navigation links (HOME, RENEW, P2:PLANNER, P2:OPTIONS, CONTACT) on the right. The main content area is white and features the title "P2:PLANNER" in large, bold, black letters. Below the title, a paragraph describes the tool as a pollution prevention plan preparation tool with over 700 options. At the bottom center, there is a button labeled "GO TO THE P2:PLANNER".

ZWN


HOME RENEW P2:PLANNER P2:OPTIONS CONTACT

P2:PLANNER

The **Pollution Prevention (P2) Planner** is a tool for preparing a pollution prevention plan. Users can select from over 700 options including options supplied by other users. Can be used to comply with TCEQ's P2 Planning Law.

GO TO THE P2:PLANNER

Zero Waste Network

HOMERENEWP2PLANNERP2OPTIONS
CASE STUDIESCONTACT

Welcome Shelby!

YOUR INFO

THE POLLUTION PREVENTION PLANNING PROCESS

This planning tool will guide you through a process for pollution prevention planning. In this process you will:

- Identify the **activities** at your facility and the wastes it generates.
- Consider **options** from an extensive list designed specifically for your activities.
- Save the options you plan to implement.
- Prepare and print the **plan** and **executive summary**. Texas facilities may submit the plan and executive summary to meet the requirements of the Waste Reduction Policy Act.

YOUR PLANS

CREATE A NEW PLAN



EPA Resources

www.epa.gov/p2



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Pollution Prevention (P2)



Join us at EPA's 2024 National Pollution Prevention Training and Conference

December 10-11, 2024 in Washington, D.C.

[Learn more and register now.](#)



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What is pollution prevention?

Pollution prevention (P2), also known as source reduction, is any practice that reduces, eliminates, or prevents pollution at its source prior to recycling, treatment or disposal.

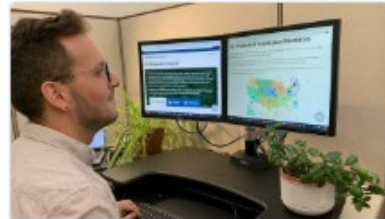
[Learn more](#) about P2 and why the U.S. Congress declared it the most desirable approach for addressing pollution whenever feasible.



P2 Grants

P2 grants for state and tribal programs help businesses obtain information about and adopt source reduction practices to protect the environment and save money.

[Learn About P2 Grants](#)



P2 Hub Resources Center

The P2 Hub Resources Center offers case studies, webinars, tools, and articles about P2 solutions and practices, as well as information about the P2 Hub Helpline.

[Explore P2 Resources Center](#)



Environmentally Preferable Purchasing (EPP)

The EPP Program supports federal procurement of sustainable products and services and is helping to create a more sustainable marketplace for all.

[Learn About EPP](#)



Green Chemistry

The Green Chemistry Challenge Awards recognizes and encourages chemical technologies that incorporate the principles of green chemistry into chemical design, manufacture and use.

[Explore Green Chemistry Challenge](#)



Safer Choice

Safer Choice helps consumers, businesses, and purchasers find products that perform and contain ingredients that are safer for human health and the environment.

[Explore Safer Choice](#)



Low Embodied Carbon Construction Materials Program

EPA is working to reduce greenhouse gas emissions by providing grants to support Environmental Product Declarations and through carbon labeling.

[Explore Lowering Embodied Carbon](#)

[Sign up for the P2 Newsletter](#)

[Find P2 Technical Assistance](#)

EPA Resources

www.epa.gov/p2



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Pollution Prevention (P2)

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P2 Hub Resources Center

The P2 Hub Resources Center offers businesses and technical assistance providers pollution prevention (P2) resources and tools.

- [P2 Hub Helpline](#)

The P2 Hub Helpline provides free reference and referral services from 9 a.m. to 5 p.m. Monday through Friday Eastern time. Reference questions can be submitted via voicemail at (202) 566-0799, [postal mail](#), or [email](#). A web form is also available.

- [P2 Resources Search](#)

This resource contains a collection of case studies, webinars, tools and articles about P2 solutions, practices and technologies. Some of the resources are from P2 grantees and may not have been formally reviewed by EPA and may not reflect EPA's opinion or policies. EPA does not endorse trade names or recommend trade names or commercial products mentioned in these documents.

- [P2 Technical Assistance Providers](#)

Find regional, state and local P2 technical assistance providers in your area.

- [P2 EJ Facility Mapping Tool](#)


The P2 EJ Facility Mapping Tool helps prospective P2 grant applicants, grantees and interested stakeholders geographically target facilities in or adjacent to underserved communities within the framework of the P2 program's five industrial sector-based National Emphasis Areas (NEAs).

- [Pollution Prevention Tools & Calculators](#)

These calculators are intended to help P2 grantees measure environmental outcomes and economic performance related to P2 activities.

Learn More About P2

Learn how P2 technical assistance can help your business adopt more environmentally friendly practices and save money.

 [Pollution Prevention \(P2\) in Action](#)
(.pdf) (558.75 KB)

EPA Resources

www.epa.gov/p2

EPA Resources

P2 Resources Search

This resource contains a collection of case studies, webinars, tools and articles about P2 solutions, practices, and technologies. Some of the resources listed are grantee work products and may not have been formally reviewed by EPA, and may not reflect the views and policies of EPA. The EPA does not endorse trade names or recommend the use of commercial products mentioned in these documents.

Search for P2 resources by keywords, sector, or processes. To search by P2 National Emphasis Area (NEA), select the "Sector" search and the NEA.



Keywords



Sector



Processes

Enter Keywords

☐

Show Case Studies Only

Reset All

Search

www.epa.gov/p2/p2-resources-search



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EPA Resources

Keywords

Sector

Processes

Use the Ctrl (Windows) or Command (Mac) key to select multiple options. To select multiple adjacent options, use the Shift key. To reset, choose "Select All".

Select Sector(s)

Select All
All NEA Sectors
Aerospace Manufacturing & Maintenance
Agriculture
All NEAs

Select Processes

Select All
Chemical Use
Cleaning and Degreasing
Coating and Painting
EPP

Reset All

Search

511 record(s) found. Some of the following links [exit](#) this site.

Sectors: All

CSV

PDF

Modi

Title	Year	Sector	Process	Resource Type
P2 Program Tip Sheet: Working Effectively with Trade Associations	2024	All NEAs	General	Article, Case Study, Fact Sheet
Economy, Energy & Environment (E3) Pilot Project St. Marys Carbon Company	2024	Computers & Electronic Products Manufacturing	Process Analysis and Modification	Case Study
Case Study: Apollo Energy	2024	Energy Production, Green Buildings/Communities	Equipment, Energy, Recycling, Waste Reduction	Case Study
Performance Improvement in Low Temperature Freezing Systems: Air Infiltration Reduction	2024	Food & Beverage Manufacturing, Green Buildings/Communities	Equipment, Manufacturing, HVAC	Case Study
Pollution Prevention Success Story: Making Rubber Tires Safer for Humans and the Environment	2024	Automotive Manufacturing & Maintenance	Manufacturing, Chemical Use	Article, Case Study
Pollution Prevention Case Study: Resource Savings at Texas Textile Fabrication Facility	2024	Textiles & Apparel Manufacturing	Manufacturing, Energy, Process Analysis and Modification, Recycling, Water Conservation	Case Study
Member Spotlight: Central Motor Wheel of America	2022	Automotive Manufacturing & Maintenance	Equipment, Manufacturing, Energy, Process Analysis and Modification	Case Study
Member Spotlight: Toyota Motor Manufacturing Kentucky	2022	Automotive Manufacturing & Maintenance	Manufacturing, Cleaning and Degreasing, Coating and Painting, Process Analysis and Modification, Waste Reduction, Wastewater Treatment, Water Conservation	Case Study



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