

POLLUTION PREVENTION TOOLS

General Tools	Links & Sources
P2 Hierarchy	Learn About Pollution Prevention (EPA)
P2 Hub Resources Center	P2 Resources Search Tool (EPA) P2 Hub (EPA)
P2 Case Studies	TRI P2 (EPA) Business Environmental Achievements , (Massachusetts OTA) Company Success Stories (TURI) P2 Internships (21 states represented, 10+ years for some) Safer Alternative for Solvent Degreasing (EPA) Substitution/ Alternatives Assessment (SAAToolbox) (OECD) https://www.oecd.org/en/data/tools/substitution-and-alternatives-assessment-toolbox-for-chemicals-and-nanomaterials.html
P2 Sector Checklists (including Green Business Programs)	EcoBiz (OR), GBEEN (Green Business Environmental Network) , CalGreen/CAGBN (CA), EnviroStars (WA); greenUp! (NV)
Mapping: Resource, Production, Value Streams, Inputs/Outputs	Lean & Environment Toolkit — Value Stream Mapping (EPA, PPRC, Ross Strategic)
Sector-Specific ListServ/Workgroups/ Networking Groups	NPPR Workgroups (NPPR, <i>Membership Required</i>) P2Tech Pretreatment Listserv NPSPINFO Discussion Forum (Water Quality Related) (EPA)
Cost Benefit	Guidelines for Preparing Economic Analyses, 3rd Edition (EPA)
P2 Facility Assessment Tips	<i>Pending (NPPR P2 101 webinar, Trainings from P2 West 2026)</i>
Water	
WaterSense Case Studies Water Toolkit	WaterSense (EPA) Water Sense Case Studies (EPA) The Lean & Water Toolkit (EPA, PPRC, Ross Strategic)
Energy	
Energy Treasure Hunts for Sectors Energy Star Portfolio & Benchmarking	Treasure Hunts (EPA) Portfolio Manager (EPA)
Compressed Air Energy Toolkit	Compressed Air Systems (US Department of Energy) The Lean, Energy and Climate Toolkit (EPA, PPRC, Ross)
Spill Prevention & Preparedness	<i>Search specific state or municipal for local guidance</i>

Chemical & Product Hazards/Safety	
Safety Data Sheets (SDS)	OSHA Hazard Communication / SDS guidance (OSHA)
Third-Party Safer Product Directories and/or Vetted by Toxicological Professionals	Safer Choice Product Directory and DfE Product Directory (EPA) GreenScreen Certified Products GreenSeal Product Directory EWG Verified (Environmental Working Group) Cradle to Cradle Certified Cleaner Solutions Database (TURI) EcoLogo Product Directory SFApproved (San Francisco) (<i>Check your local/state approved lists</i>) Responsible Purchasing Network Purchasing Guides
Individual Chemical and Ingredient Hazards and/or Alternatives	NIOSH Pocket Guide to Chemical Hazards (NIOSH) IC2 Alternative Assessments Library (Interstate Chemical Clearinghouse) Safer Chemical Ingredients List (SCIL) (EPA) ChemHat P2OASys (TURI) Subscriptions: ChemFORWARD , Pharos , CleanGredients
Instrumentation for Real-time Data Measurement	
Measurement	Presentation: Data and Diagnostic Instruments for P2 (PPRC)
Calculators	
- Emissions - Greenhouse Gas (GHG) - Aggregating Calculators for Cost, GHG, and Hazardous Waste (Excel)*	Combustion Emission Factors (State of Oregon) Welding Emission Factors (State of Oregon) Toxic Air Emission Factors (Santa Barbara) Diesel & Motor Emissions (EPA) Boiler Emissions Calculator (State of Colorado) Emission Reduction Calculator (EPA Collision Repair) Energy: eGRID (EPA) Greenhouse Gas Equivalencies Calculator (EPA) Materials & Life Cycle Assessment: Waste Reduction Model (WARM) (EPA) R&D GREET (Argonne National Laboratory) OpenLCA (OpenLCA) P2 Costs, GHG & Hazardous Waste (EPA) <i>*Some emission factors are outdated</i>