

Below are examples of energy efficiency, renewable energy, greenhouse gas reduction programs and resources as well as information on climate change and rural air quality monitoring networks offered by EPA's Office of Atmospheric Programs (OAP)



ENERGY STAR Industrial Partnership

The ENERGY STAR Industrial Partnership helps manufacturers of any size develop and strengthen energy management across their operations to improve efficiency, save money and protect the environment.

www.energystar.gov/buildings/facility-owners-and-managers/new-construction

The Salt River Materials Group (SRMG) owned by the Salt River Pima-Maricopa Indian Community has had great success in working with ENERGY STAR. Their Phoenix Cement Plant is among the top energy performers in cement manufacturing plants in the U.S. and has reduced the plant's energy use by more than 40% across its operations, saving \$6 million in energy costs the first year after modernizing the plant.

www.srmaterials.com

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EPA contact – Elizabeth Dutrow, 202-343-9061,
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ENERGY STAR Residential Programs and Initiatives

ENERGY STAR offers free energy efficiency improvement resources to help home owners improve the efficiency, comfort, durability, and health of their homes. These resources include energy use assessment tools and guidance for quality HVAC installation and air sealing and insulating. ENERGY STAR also provides a set of comprehensive energy efficiency requirements for new home construction. Homes that meet these requirements use 15% - 30% less energy than typical new homes and earn the ENERGY STAR label. More information at www.energystar.gov

www.energystar.gov

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ENERGY STAR Portfolio Manager

Portfolio Manager is an interactive energy management tool that allows building owners and managers to track and assess energy and water consumption across their entire portfolio of buildings in a secure online environment. Qualified buildings that receive an ENERGY STAR score of 75 or higher on a 1-100 scale can achieve ENERGY STAR certification, EPA's national recognition for top energy performance.

www.energystar.gov/portfoliomanager

Washoe Tribe Building Benchmarking, Audit, and Retrofit Project: The Washoe Tribe (NV, CA) leveraged Energy Efficiency and Conservation Block Grant and local utility funding to perform energy audits and retrofits on 22 administration and community buildings; all energy, GHG, and cost savings will be tracked by benchmarking in EPA's ENERGY STAR Portfolio Manager tool.

apps1.eere.energy.gov/tribalenergy/pdfs/tep_2012_programreview_hess_1112.pdf

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Combined Heat and Power (CHP) Partnership

The CHP Partnership is a voluntary program seeking to reduce the environmental impact of power generation by working closely with energy users, the CHP industry, state/local/tribal governments, and other clean energy stakeholders to facilitate the development of new projects and to promote their environmental and economic benefits. epa.gov/chp/



Green Power Partnership

The Green Power Partnership helps stakeholders make voluntary procurements of renewable electricity, helping to reduce greenhouse gas emissions and accelerate the U.S. green power industry. www.epa.gov/greenpower/

The Forest County (WI) Potawatomi Community is a Green Power Partner. The Tribe's Project Greenfire program promotes energy efficiency and carbon reduction initiatives and has reduced energy consumption at tribal facilities. The Tribe is using green power for 100 percent of its power needs. epa.gov/greenpower/green-power-partner-list
EPA contact – James Critchfield, 202-343-9442, critchfield.james@epa.gov



Tribal Climate & Energy Resources & Opportunities web pages

This web content provides information and resources to help tribes achieve energy efficiency, renewable energy, and waste reduction goals. epa.gov/statelocalclimate/tribal-climate-and-energy-information
EPA contact – Erica Bollerud, 202-343-9282, bolterud.eric@epa.gov



Tribal Greenhouse Gas Inventory Tool

This free Excel-based tool from USEPA makes it easy to compile a GHG inventory for your entire community or for tribal government operations: epa.gov/statelocalclimate/tribal-greenhouse-gas-inventory-tool
EPA contact – Andrea Denny, 202-343-9268, denny.andrea@epa.gov

Bringing the Benefits of Energy Efficiency and Renewable Energy to Low-Income Communities

These informational resources are intended to help tribal energy, environmental, housing, and social services agencies and non-profits learn about successful program models that they can use to reduce greenhouse gas emissions by bringing energy efficiency and renewable energy to low-income communities. Resources include case studies, program profiles and webinars. epa.gov/statelocalclimate/bringing-benefits-energy-efficiency-and-renewable-energy-low-income-communities
EPA contact – Victoria Ludwig, 202-343-9291, ludwig.victoria@epa.gov

Clean Air Status and Trends Network (CASTNET)

CASTNET is a national monitoring network established to assess trends in pollutant concentrations, atmospheric deposition, and ecological effects due to changes in air pollutant emissions. EPA has developed partnerships with tribes to support a total of six monitoring sites on tribal lands. www.epa.gov/castnet
EPA contact – Melissa Puchalski, 202-343-9882, puchalski.melissa@epa.gov

Cherokee Nation has operated a full CASTNET site on tribal land since 2002.
Tribal contact – April Hathcoat, 918-453-5098, ahathcoat@cherokee.org

EPA developed the following resources in response to requests from community leaders for products that would help them inform and educate their community about climate change impacts.

For questions or assistance, email climatehealth@epa.gov

Climate Change, Health, and Populations of Concern Communication Materials

This set of eight communication materials kits describes how each of the following groups is subject to climate change:

- Children
- Communities with Environmental Justice Concerns
- Indigenous Populations
- Occupational Groups
- Older Adults
- People with Disabilities
- People with Existing Medical Conditions
- Pregnant Women

Each kit includes:

- A 2-4 page factsheet, in English and Spanish, available as a printable PDF
- A customizable PowerPoint presentation
- High resolution images sized for networking platforms
- A summary paragraph and shorter messages for different communication formats.

www.epa.gov/climate-impacts/climate-change-health-and-populations-concern

Extreme Heat Guidebook

Learn why extreme heat is on the rise, how it might affect you, and what you can do before and during an extreme heat event to reduce your health risk.

www.epa.gov/climatechange/extreme-heat-guidebook

How Will Climate Change Affect My Health?

This factsheet shows how climate change can affect your health in different ways at different stages of life, from infancy to adulthood.

www.epa.gov/climate-impacts/climate-change-and-health-factsheets

Climate Impacts Website and Interactive Map

This website explores the impacts of climate by U.S. region, state, and sector (like health, energy, water). It also features a clickable state map that provides examples of health risks in your state and how to prepare for, and respond to, these impacts.

www.epa.gov/climate-impacts

www.epa.gov/climate-impacts/climate-change-and-human-health-risks-your-state

Climate Change Indicators in the United States

EPA partners with other organizations to compile key indicators of cause and effects of climate change. This report includes a six-page spread on what these indicators can tell us about climate change and health.

www.epa.gov/climate-indicators

State Climate Impacts Factsheets

As our climate changes, every state will become warmer. But other impacts of climate change are likely to be very different from state to state. These factsheets present overviews of climate change impacts for each U.S. state and territory.

www.epa.gov/climate-impacts/climate-change-impacts-state

How Much Do You Know About the Health Impacts of Climate Change?

A ten-question interactive online quiz to challenge your climate and health knowledge.

www.epa.gov/climate-impacts/quiz-how-much-do-you-know-about-health-impacts-climate-change

