

Active stewardship: sustainable future

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Focused on the future: creating sustainable energy solutions while protecting the environment

For more than 70 years, we've been creating tomorrow. Some of the world's smartest and most dedicated technical people have accomplished the difficult, the unexpected, and what sometimes seems impossible at Los Alamos.

Energy sustainability is a daunting task: How do we develop top-notch innovations with some of the world's most powerful technology without consuming excessive energy or creating waste?

In 1943 we were focused on the present: creating the impossible to end a world war. We did it.

Now we are much more focused on the future, committed to act as stewards of our environment while also creating sustainable energy solutions for the nation.

We now have the scientific and technical prowess to protect the surrounding environment and make sustainable choices for decades to come.

And that is not all we're doing

Our science, research and technologies also show our commitment to energy sustainability. Explore a few of the ways we're helping humanity reduce its footprint:

Creating Greener Biofuels

- [Bioenergy](#)
- [Biomass to fuel](#)
- Algal biofuels

Predicting Climate Change

- [Changing sea levels](#)
- Arctic warming's link to climate
- Climate, ocean and sea ice modeling
- [Dying forests' link to climate](#)

Exploring Clean Energy

- [Diverse energy research](#)

Environmental Stewardship

- [Environmental stewardship commitment](#)
- Environmental stewardship stories

Better Electric Grids

- [Power grid efficiency](#)
- [Protecting power grids](#)
- Smart grid powers community

Greenhouse Gases

- [Natural gas emissions](#)
- [Capturing carbon dioxide](#)
- [Sequestering carbon while getting more oil](#)

Pollution Prevention

- Pollution prevention

Nuclear Energy

- [Safer nuclear power](#)
- [Supporting cleaner, safer nuclear energy](#)

Clean Water

- [Protecting water](#)

Los Alamos National Laboratory

www.lanl.gov

(505) 667-7000

Los Alamos, NM

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