

# Beating the Heat: A 2025 Heat Policy Agenda

# About FAS

FAS is a nonpartisan, nonprofit organization based in Washington, D.C. that views policymakers as key to improving societal outcomes.

FAS was founded in November of 1945 by a group of scientists and engineers that emerged from the Manhattan Project, Oak Ridge, and Los Alamos. The group's goal was to agitate for the international control of atomic energy and its devotion to peaceful uses, public promotion of science, and the freedom and integrity of scientists and scientific research.

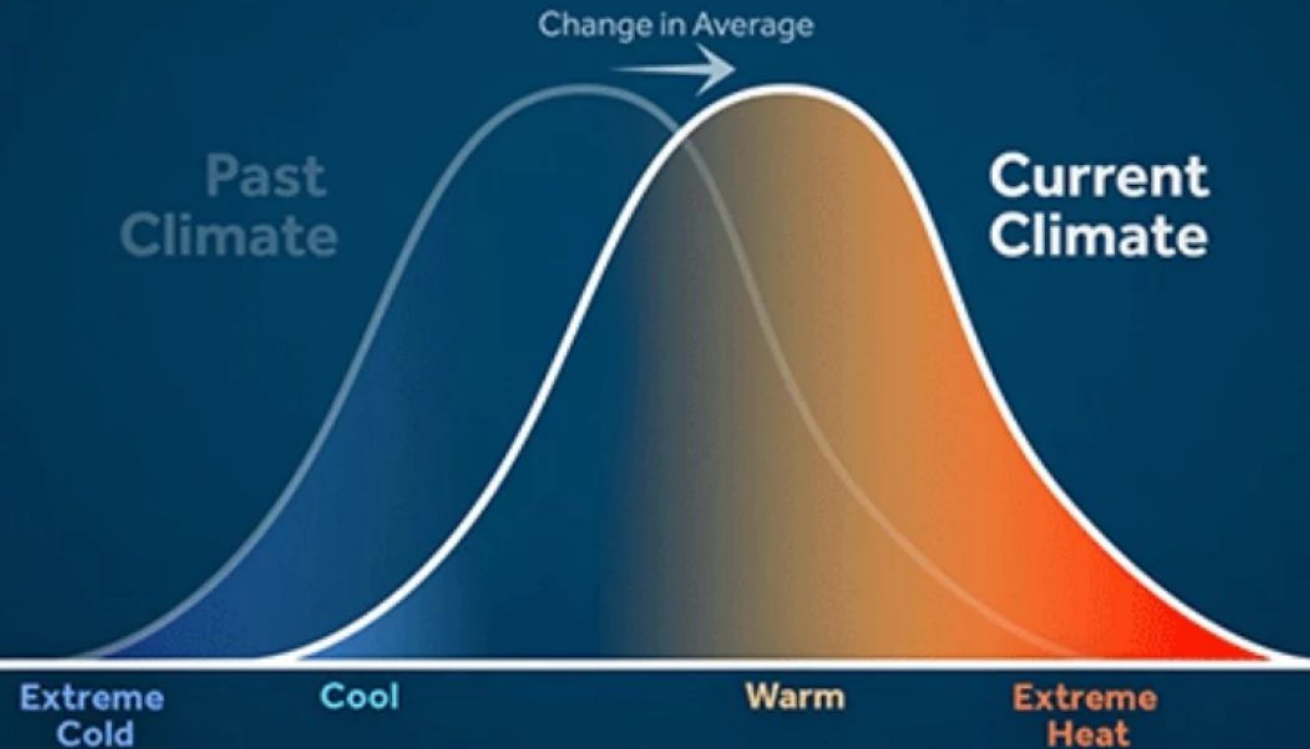
FAS has more recently expand to tackle other domain areas as well, including Climate and Environment, Emerging Tech, Government Capacity, and Clean Energy, alongside Global Risk.

We believe that science, technology, and innovation have the vast potential to generate societal good when harnessed appropriately.



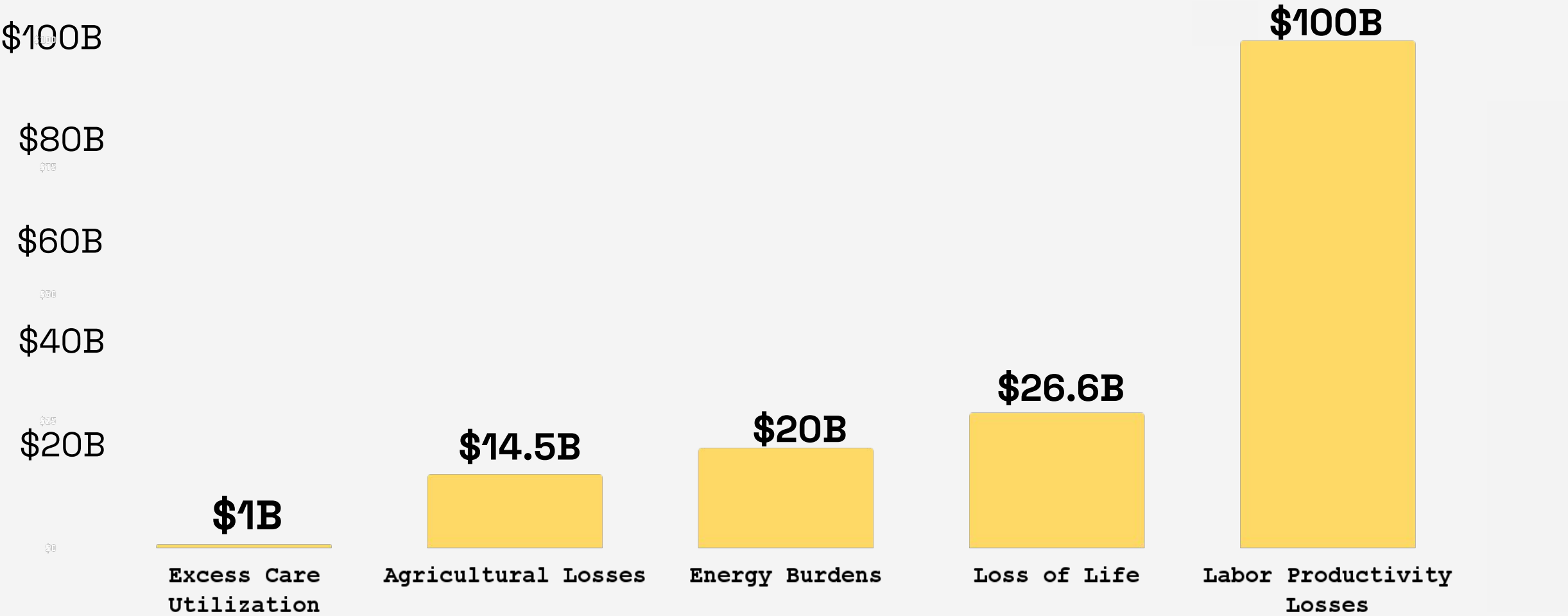
# Why Do We Focus on Extreme Heat?

# SMALL CHANGE IN AVERAGE **BIG CHANGE IN EXTREMES**



CLIMATE  CENTRAL

# Costs of Heat Every Year +\$162 Billion



## First Alert through Monday due to extreme heat in metro Phoenix

TCB

Meteorologists warn of dangerous conditions across US this summer: 'We will hear a lot about extremes'

## Extreme heat threat increasing for the East Coast next week

# National Weather Service issues Alaska's first-ever heat advisory

The first ever heat advisory has been issued in the state of Alaska

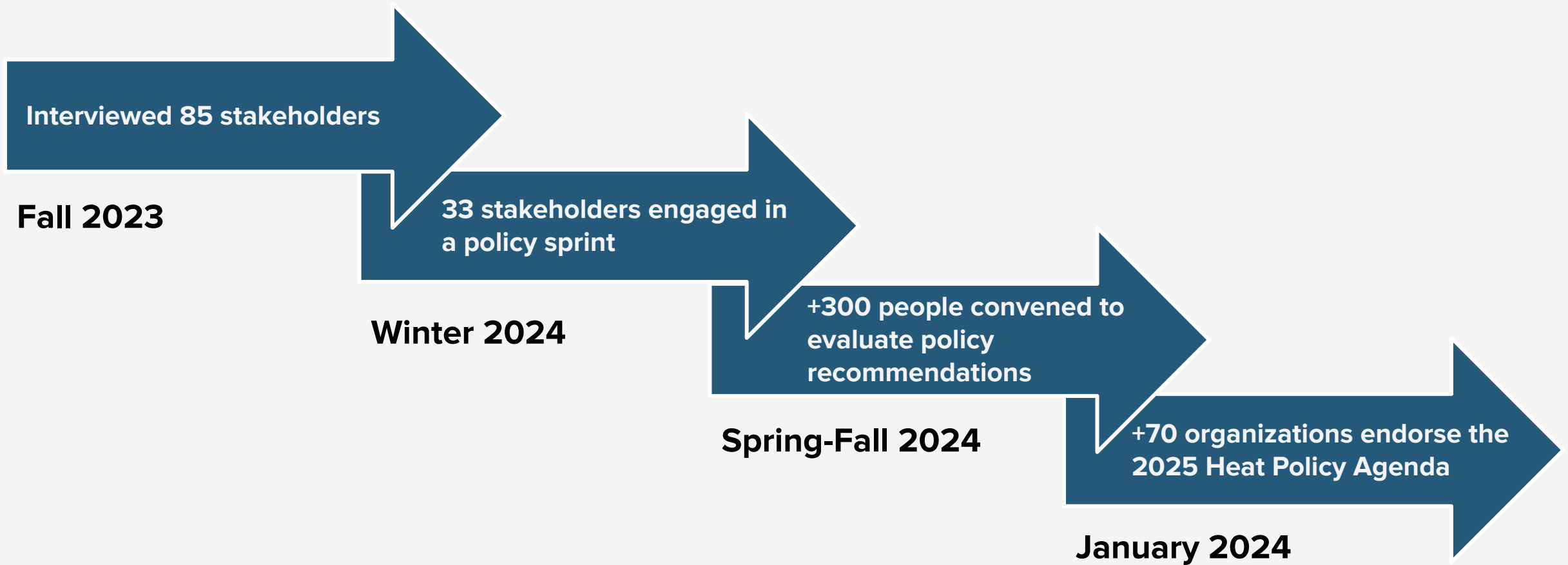
## Extreme Heat Warning issued for Southern Nevada, Arizona, and California this Father's Day

Hot weather and high demand to pressure US power grid this summer, FERC says

abc 15  
ARIZONA

Extreme heat watches issues for Mondays as temps reach 110+

# The 2025 Heat Policy Agenda





# The Federation of American Scientists 2025 Heat Policy Agenda Was Developed in Partnership with 300+ Collaborators and Supported by 70+ Organizations

2025 Heat Policy Agenda | List of Signatories

Alliance of Nurses for a Healthy Environment	Center for Invasive Species Prevention	Food Tank	Moms Clean Air Force	New America Future of Land and Housing Program	The New Buildings Institute
American Federation of State, County, and Municipal Employees	Children's Environmental Health Network	Green Roofs for Healthy Cities	National Center for Healthy Housing	Next100	The Passive House Network
American Forests	Climate Mayors	Grid Alternatives	National Coalition for the Homeless	Organizing Resilience	Toxic Free NC
American Lung Association	Climate Power	Groundwork USA	National Consumer Law Center	Physicians for Social Responsibility	Trust for Public Land
Arizona State University's Knowledge Exchange for Resilience	Climate Resilience Center	ICLEI – Local Governments for Sustainability	National Council on Occupational Safety and Health	Rebuild by Design	Undaunted K12
Association of Farmworker Opportunity Programs	Climate Resolve	Institute for Market Transformation	National Employment Law Project	Smart Growth America	Union of Concerned Scientists
Association of State and Territorial Health Officials	Dade County Street Response	King County, Washington	National Energy Assistance Directors Association	Smart Home America	Urban Sustainability Directors Network
California ReLeaf	Earth Ethics, Inc.	Korey Stringer Institute	National Partnership for Women & Families	Smart Surfaces Coalition	We Act for Environmental Justice
Center for American Progress	Elevate	La Isla Network	National Recreation and Parks Association	Southeast Sustainability Directors Network	WeCount!
Center for Biological Diversity	Energy Equity Project	League of Conservation Voters	National Young Farmers Coalition	Ten Across Resilience Network	Women with Broken Heals
Center for Energy Poverty and Climate	Federation of American Scientists	MetroLab Network	Natural Resources Defense Council	The CLEO Institute	Yale Center on Climate Change and Health

# Examples of Progress

- *In Congress:*
  - Recommendations from the Heat Policy Agenda have already found their way into multiple introduced bills
  - The new Congressional Caucus on Extreme Heat presents an avenue for bipartisan progress
- *At the State Level:*
  - FAS regularly convenes a group of officials leading on heat policy for their states to exchange best practices and collaborate on emerging heat initiatives. This group currently includes representatives from AZ, CA, CO, NM, MA, MI, MD, MN, NC, NJ, NY, OR, PA, and WA, and is growing.
  - FAS is advising a new Extreme Heat Cohort of mayors FAS together on heat challenges.

# Core Recommendations of the Heat Policy Agenda

1. **Establish a clear, sustained federal governance structure for extreme heat.**
2. **Amend the Stafford Act to explicitly define extreme heat as a “major disaster” and expand the definition of damages to include non-infrastructure impacts.**
3. **Direct the Secretary of Health and Human Services to declare a Public Health Emergency in the event of exceptional, life-threatening heat waves, and fully fund critical HHS emergency-response programs and healthcare infrastructure.**
4. **Direct the Federal Emergency Management Agency to include heat preparedness as a core component of national heat preparedness capabilities**
5. **Finalize a strong rule to prevent heat injury and illness in the workplace**
6. **Retain and expand home energy rebates, tax credits, LIHEAP, and the Weatherization Assistance Program, to enable deep retrofits that cut the costs of cooling for all Americans and prepare homes against threats like power outages.**
7. **Transform the built and landscaped environment through strategic investments in urban forestry, transportation systems and infrastructure, and power infrastructure.**

# Contact the Federation of American Scientists Extreme Heat Team

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# Thank you.