PATENTIAL ENERGY

Recent findings on home insurance and climate change

June 2025

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A note about our data

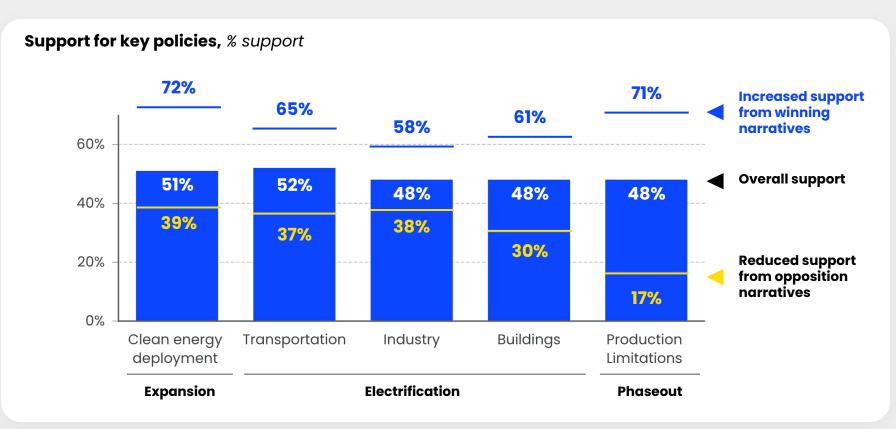
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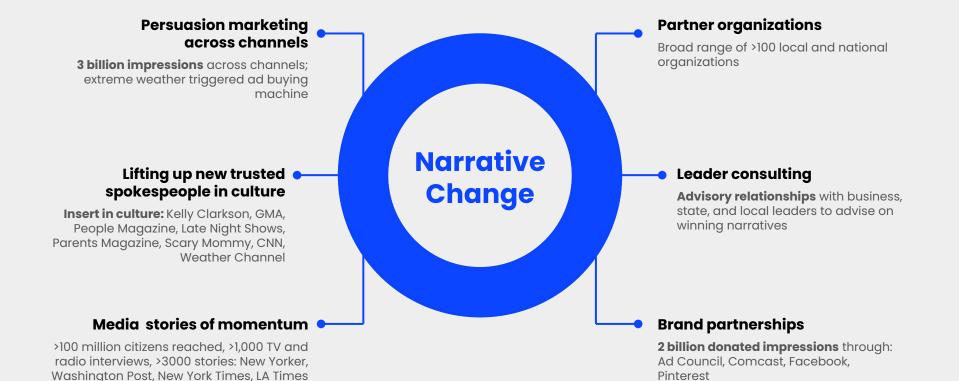


Our perspective: we see climate progress as a narrative battle



PE

Our model: we're designed to be a winning machine



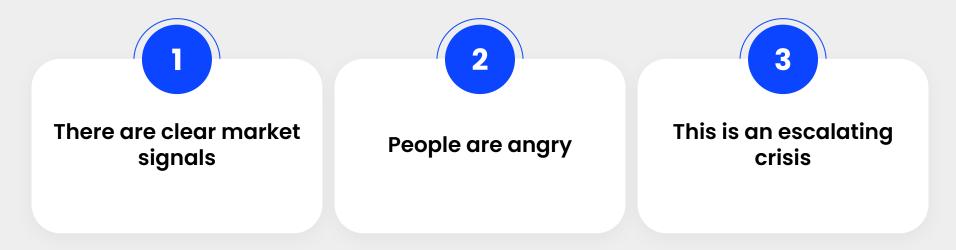
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Linking home insurance crisis to climate change



There's a strong opportunity for insurance messaging





There are clear signals about cost and risk of climate change

The **most expensive states** in the nation for home insurance premiums...

AVERAGE HOME INSURANCE PREMIUMS, 2023 COMPOSITE RISK SCORE \$1,000 \$1,500 \$2,000 \$2,500 \$3,000 \$3,500 \$4,000 LOW OR NO DATA 30 40 50 60 70 80 90

PE

Sources: National Bureau of Economic Research (2024) and composite risk data from First Street hazard models (2024). Risk score includes historical weather patterns, and synthetic event catalogs to estimate current and future risk exposure across multiple perils, including wildfire, hurricane wind, and flooding. Taken from the New York Times.

...have one thing in common: extreme weather.

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And this was confirmed by our research

Surveys & message testing

September 2024: National baseline insurance survey (n = 10,389)

The goals were to assess:

- Attitudes and beliefs about insurance, climate, and extreme weather
- **People' willingness** to support various actions aimed at addressing the insurance crisis

October 2024: National and high-risk area insurance RCT (n= 25,912)

- Fielded nationally (with a CA boost) and in affected high-risk areas
 The goals were to assess:
- Attitudes and beliefs on insurance, climate, and extreme weather
- Messages that increase support for climate action and action for the insurance crisis
- **Opposition narratives** that reduce support for insurance crisis actions

October 2024: National and high-risk area insurance RCT (n=2,415)

 Fielded nationally (with a CA boost) and in affected high-risk areas

The goals were to assess:

- Baseline support for petitions on building/rebuilding constructions and free market solutions
- Baseline support for additional solutions on insurance availability and affordability

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Deep dives with focus groups

October 2024: Focus groups by state regions and political affiliations

4 focus groups total, of 5 people each group (20 total panelists)

- o 2 conservative-leaning groups from the Southeast states that are prone to floods and strong winds
- 2 liberal-leaning groups from the West Coast states that are prone to wildfires



We researched the communities at the highest risk

We surveyed the communities that have been impacted most by the insurance crisis, including...





Notes: The threshold for "high risk" was set to include only major, severe, and extreme risks based on data from First Street Foundation. There are many more households in high risk of wind compared to the other risks (i.e. they are in the coast and in heavily populated areas). Our survey datasets were filtered for ZIP codes in which 80% of households meet our criteria of risk. **Source:** First Street Foundation

People are certainly worried about becoming uninsured

% worried about becoming uninsured due to unaffordable premiums

83% at high risk of wildfires

83% of Californians

79% at high risk of flood / wind

68% nationally

Quotes from Americans in high-risk communities

"Insurance companies are **not insuring my neighbors anymore**; and that's an issue, because **your mortgage is tied to that.**"

"It's hard because **you want to protect your home**, but it's hard to switch companies because **rates are rising everywhere**."

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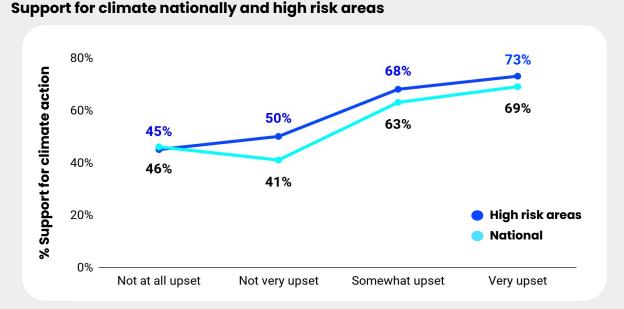
Source: RCT Home insurance survey (National N= 714; High risk floods/ wind N=745; High risk wildfire N=599; California N=109); Quotes from PE high-risk insurance focus groups (Oct. 2024)

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And there's an opportunity to leverage frustrations for climate support

% of people **upset** about the **rising cost of home insurance** premiums



There is a strong relationship between level of upset and support for climate

This trend remains consistent even when controlling for **political party** affiliation

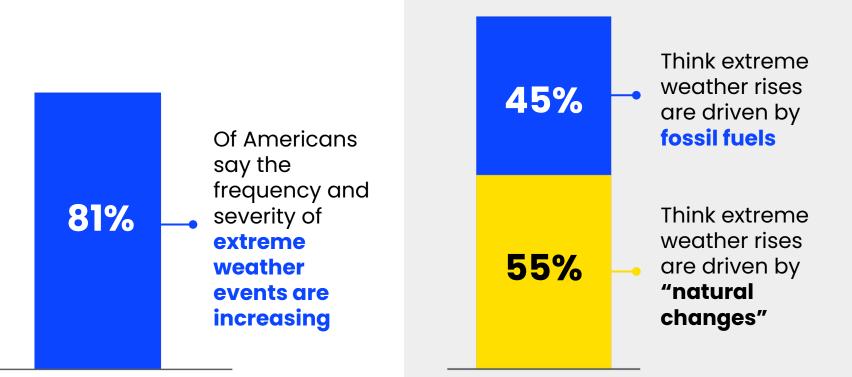


Source: Home insurance RCT: N= 714 for national and N=1,344 for high risk areas. Notes: % Strongly agree and agree to "I support immediate action by the government to address climate change."

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But while most agree extreme weather is getting worse

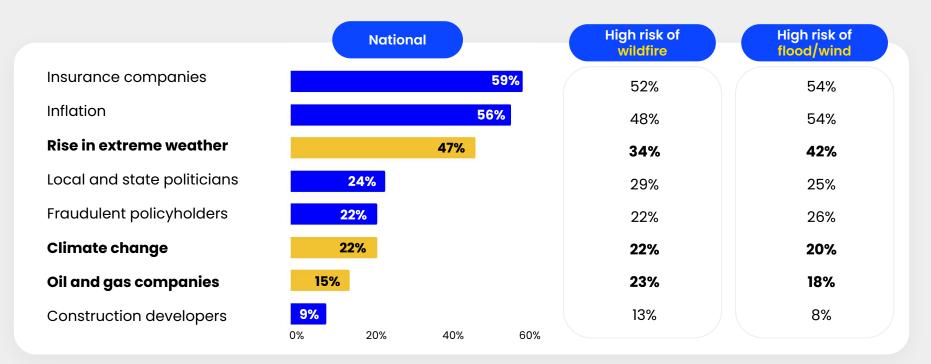
The source of the problem is still unclear





For most, the insurance crisis still is not a climate crisis

"Who or what is **responsible for rising insurance premiums**" % of respondents who selected top 3





Source: RCT Home insurance survey (National N= 714; High risk floods/wind in the Southeast N=745; High risk wildfire in the West Coast N=599) (Oct. 2024)

Climate and polluter accountability policies have more support than pushback

% of people willing to sign a petition for		Support ratio	% oppose	% support	
Governments to	Cap premium increases	4.3			
	Provide insurance for all areas	4.0			
	Clean energy investments	3.0			
	Invest in climate solutions	2.6		Average	
	Hold oil and gas accountable	2.2		59%	
	Restrict construction in risky areas	2.4			
	Create resilient home fund	2.3			
Insurers to	Increase their premiums, not mine	2.8			
	Disclose climate risks	2.5			
	Public climate risk disclosure	2.4		Average	
	Divest from oil and gas	1.2		53%	
	Subsidize insurance premiums	2.5			
	Product climate impact disclosure	2.1			
Oil and gas companies to	Stop receiving subsidies	2.0			
	Cover extreme weather costs	1.8		Average	
	Stop oil marketing	1.2		46%	
	Halt new oil and gas projects	1.1			
	Limit oil and gas production	1.0			
		-30%	6 -20% -10% 0%	5 10% 20% 30% 40% 50%	60%

Source: National and high-risk insurance RCT, "Control" cell data shown here (N = 800)(Oct. 2024)

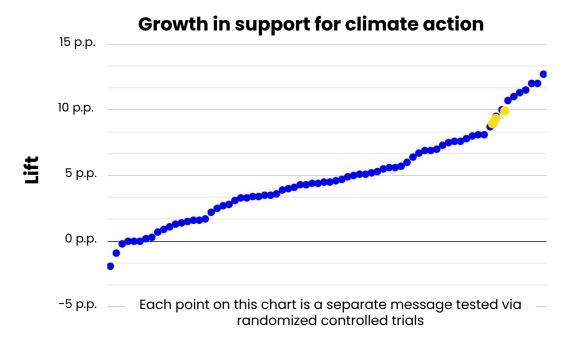
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Insurance crisis messages can significantly increase climate support

Insurance crisis messages

All other tested messages



Insurance crisis messages are among our highest testing climate messages, and they will get more effective with a more highly educated public

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We tested ten narratives

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Increased premiums and loss of coverage as tangible **proof** of growing climate risk

Shift blame to insurance companies Shift blame to **oil and** gas companies

Narrative	Summarized Description			
Your town could be next	Your town could be the next one devastated by extreme weather and have no insurance lifeline. Insurance companies are pulling out of areas because of climate change. We need immediate action on climate change.			
Uninsurable homes	Home insurance premiums are skyrocketing and millions of homeowners in Florida and California are becoming uninsured. Experts say the rise in extreme weather is to blame. We need immediate action on climate change.			
Make polluters pay	Home insurance premiums are skyrocketing due to rises in extreme weather caused by fossil fuels. It's unfair that everyday Americans pay for a crisis created by oil and gas companies. They should pay for the costs, not us.			
No future for my kids	Our planet is dangerously overheating, which will have devastating consequences on the future for our kids. It'll only be worse for each generation. We need immediate government action to address climate change.			
They knew they lied	Home insurance premiums are skyrocketing and becoming out of reach. Extreme weather caused by fossil fuels is to blame, and the industry spent millions trying to hide it. They should pay for the costs of extreme weather.			
Raise their premiums	Home insurance premiums are skyrocketing due to rises in extreme weather caused by fossil fuels. It's unfair that everyday Americans pay for what oil and gas companies caused. Insurers should raise their premiums, not ours.			
Insurance company fossil fuel divestment	Home insurance premiums are skyrocketing due to rises in extreme weather caused by fossil fuels. Yet, insurance companies are investing millions on oil and gas companies. They shouldn't make us pay for their problem.			
Demand insurers play their part	Home insurance premiums are skyrocketing due to rises in extreme weather. Yet, the insurance companies are profiting off this and won't admit climate change is the cause. They need to be part of the solution.			
These are unnatural disasters	eme weather has risen dramatically, hurting the people and places we love. These are unnatural disasters sed by burning fossil fuels. We need immediate government action to address climate change.			
Unaffordable bill	The price of home insurance is skyrocketing, making owning a home less and less affordable for everyday Americans. Experts say the rise in extreme weather is to blame. We need immediate action on climate change.			

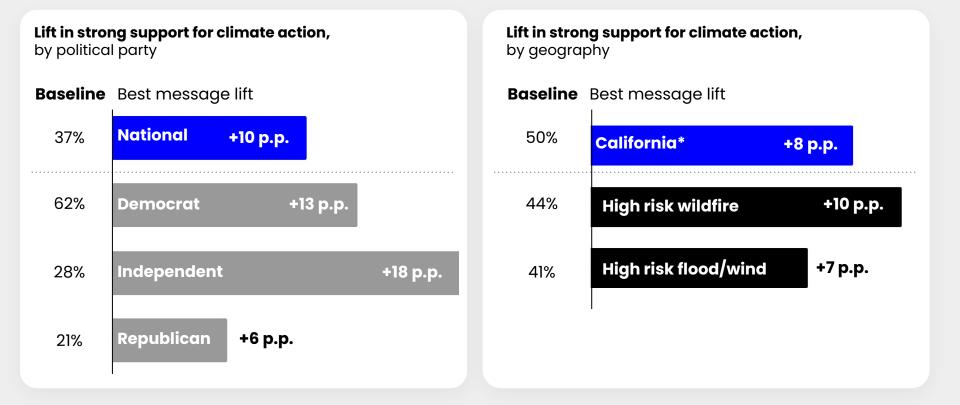
Narratives around rising risk are particularly helpful to increase support

Lift in strong support for climate action, p.p.

Bold: Statistically significant

	National	Dem	Ind	Rep
Your town could be next	+9.5 p.p.	+12.6	+10.4	+5.9
Uninsurable homes	+7.9 p.p.	+7.8	+8.9	+5.8
Make polluters pay	+7.3 p.p.	+7.7	+6.9	+4.2
No future for my kids	+6.6 p.p.	+7.4	+13.1	+1.3
They knew they lied	+6.3 p.p.	+6.6	+10.2	+2.1
Raise their premiums	+4.6 p.p.	+3.3	+9.6	+4.3

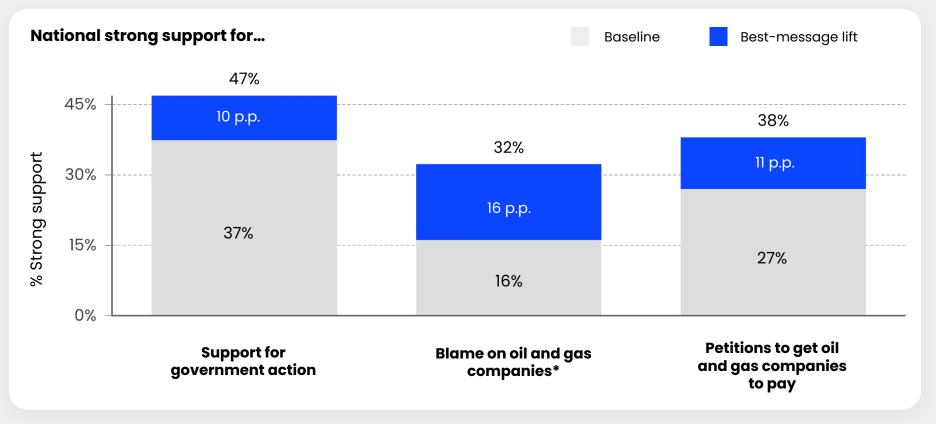
We move several key political and regional demographics





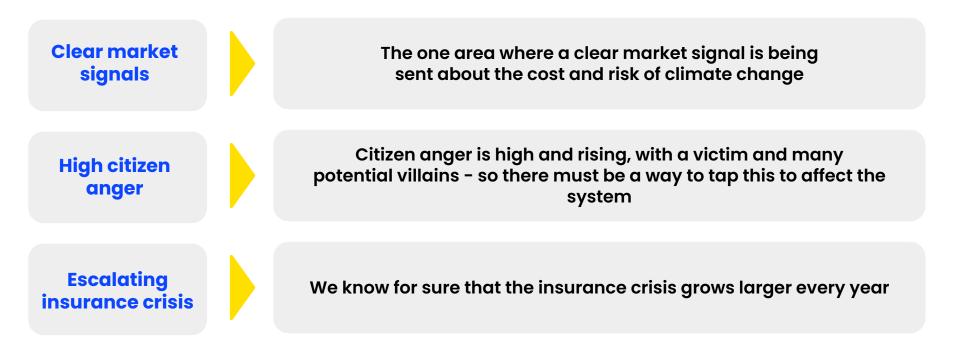
Source: National and high-risk insurance RCT, N = 25,912 (Oct. 2024) Note: *Not statistically significant

We can move attitude, blame, and intent to act significantly



Talking about the insurance crisis makes climate messaging hit home

Here is why





Thank you!