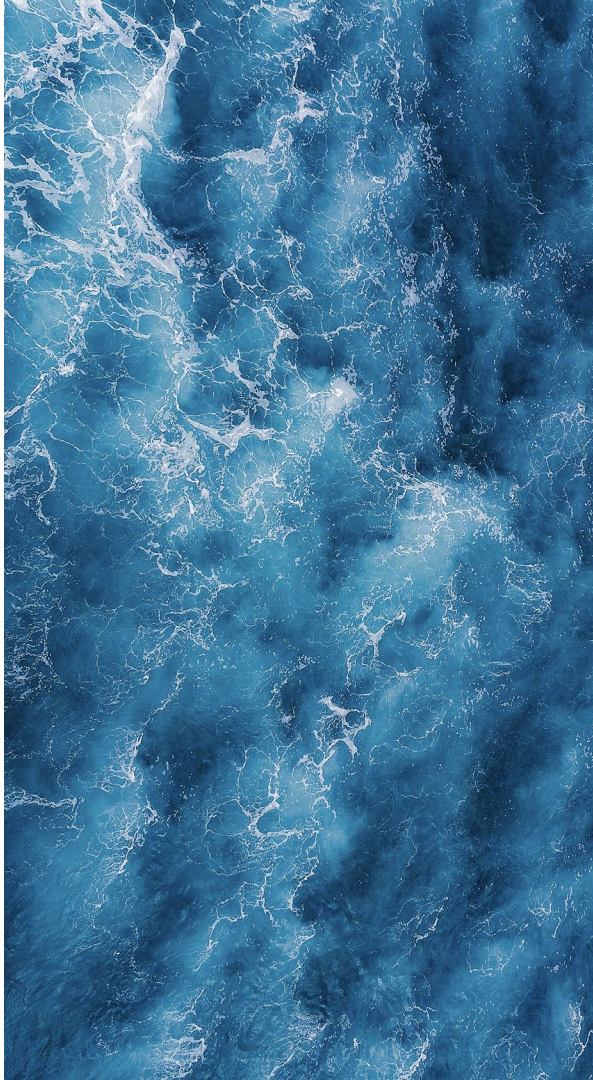
PACIFIC FUSION

Alameda Point
Project Overview

February 2025



Pacific Fusion was founded in 2023.

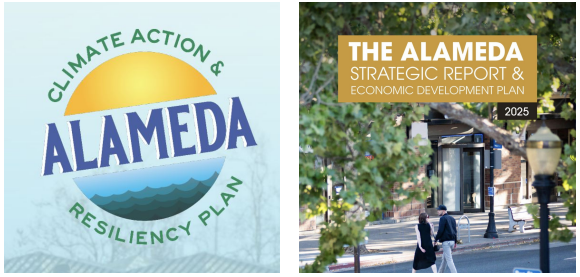
We are working to power the world with affordable clean energy.

Why we want to be in Alameda.

We admire Alameda's commitment to action regarding climate change & economic growth, especially as outlined in the following:

Climate Action & Resiliency Plan

Economic Development Strategic Plan



We'd love to keep building in the Bay Area.

Pacific Fusion

Our company's mission and this project align with the priorities outlined in *Alameda's Climate Action & Resiliency Plan*

Goal 1:

Carbon neutrality

Goal 2:

Community resilience

Goal 3:

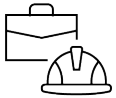
Community education and activation

Goal 4:

City leadership

What this project would bring to Alameda:

$1 billion investment

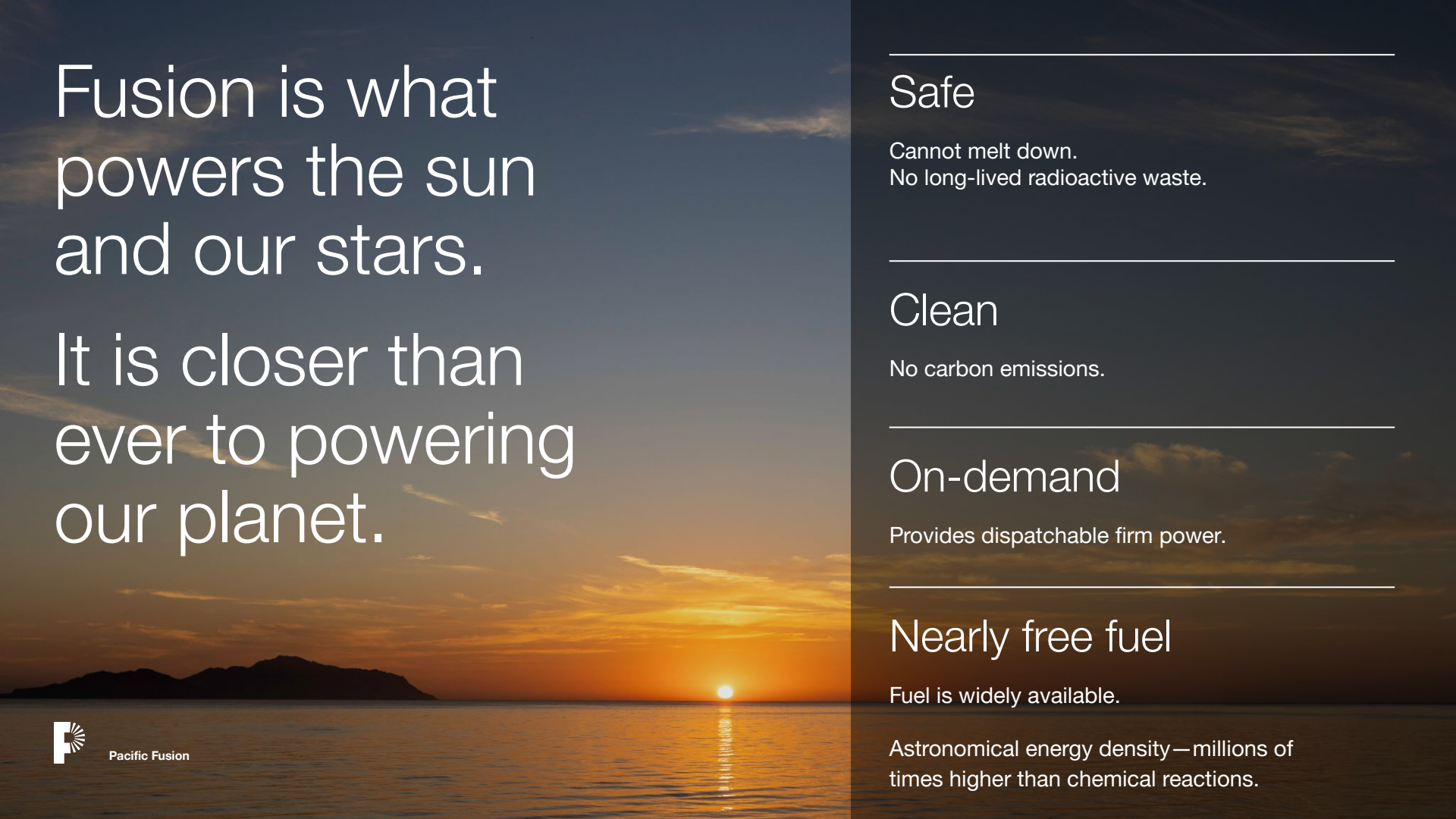


250 permanent jobs + hundreds more jobs to the region

Environmental improvements on Alameda Point

Puts Alameda at the forefront of global fusion innovation

Education/STEM partnerships



Fusion is what powers the sun and our stars.

It is closer than ever to powering our planet.

Safe

Cannot melt down.
No long-lived radioactive waste.

Clean

No carbon emissions.

On-demand

Provides dispatchable firm power.

Nearly free fuel

Fuel is widely available.

Astronomical energy density—millions of times higher than chemical reactions.

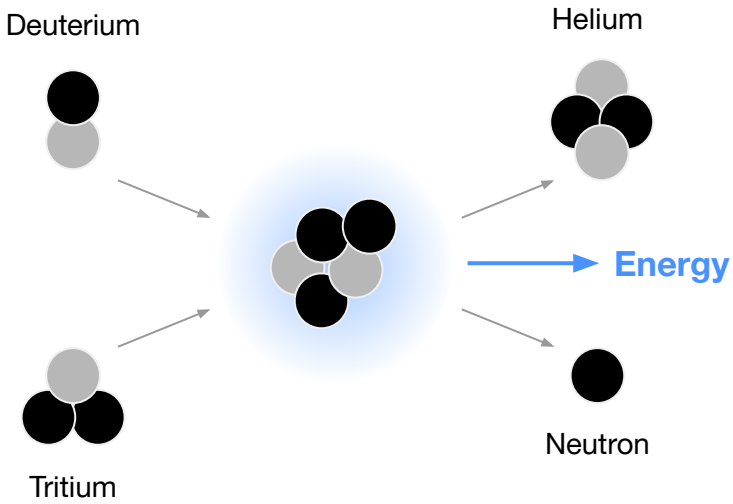
Pacific Fusion

How does fusion work?

- Light atoms - in our case, hydrogen - are confined under high temperature and pressure.
- They fuse and release energy.

Why has it taken us 50 years to figure out how to burn fusion fuel?

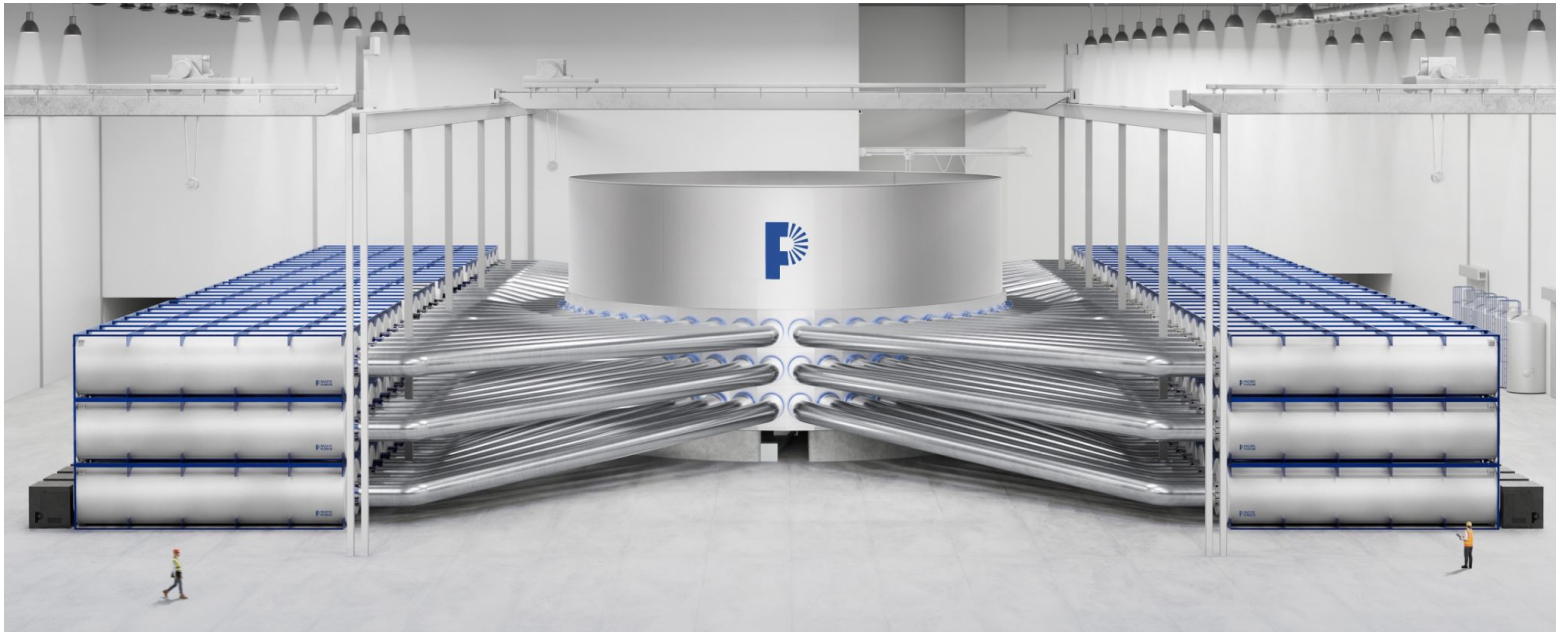
- The conditions required for fusion are challenging to achieve - like the inside of stars.
- Any disruption halts the reaction.




The National Ignition Facility, the largest fusion facility in the world, is right down the road.

The Demonstration System we hope to build in Alameda is a research facility, like the NIF.

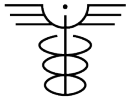
It is not a power plant. It will not have noise or vibrational impacts on the community.



Safety is our top priority.

Pacific Fusion will comply with all requirements set forth by California's Radiological Materials Branch, which ensures radiological materials are regulated, shielded, and monitored for safe operations.

This is comparable to hospitals and other research facilities.



Hospitals safely use radiological materials for cancer treatment.

Major medical centers routinely employ high-activity gamma emitters to destroy cancer cells.

Universities safely use radiological materials for research.

Universities use radioisotopes in devices such as tritium-filled neutron generators for materials testing and bacterial sterilization studies.

We’re thrilled to have growing support from the community.

Community engagement and transparency are very important to us. We look forward to meeting with more groups, businesses, and residents of Alameda.

We’d love to hear from you and welcome your thoughts, questions and feedback!

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Thank you