

How the Roadmap Was Developed

BROAD PARTICIPATION. TECHNICAL EVIDENCE. PEER LEARNING. A FOUNDATION FOR INFORMED CHOICES.

Massachusetts is evaluating advanced nuclear and fusion energy as potential contributors to long-term energy reliability, decarbonization, affordability, economic development and innovation. The Roadmap establishes a shared factual foundation for future decisions; it is not a final investment, procurement, technology or siting decision.

An Iterative Process

The Roadmap drew on technical literature, peer learning, comparative analysis and stakeholder engagement. Perspectives and evidence were tested, refined and incorporated throughout the process. Participants included representatives from communities, labor, government, academia, utilities, technology developers, large energy customers, finance and investment, workforce organizations and environmental and equity groups.

1 **SHARE** - Share questions, baseline and evidence

2 **LISTEN** - Hear perspectives and concerns

3 **IMPROVE** - Test, challenge and assess

4 **INTEGRATE** - Incorporate learning across the Roadmap

5 **SHARE** - Return findings for continued refinement

91%

of stakeholder polling participants said Massachusetts communities need more information to discuss nuclear energy and its potential role in the state's clean-energy future.

9

Sector-Specific
Stakeholder
Sessions

4

Informational
Overview
Sessions

3

Public
Validation
Panels

1,000+

People Engaged
Across the
Broader
Process



Massachusetts' near-term opportunity is not to choose a reactor or a fusion system. It is to build the knowledge, institutional capacity, workforce, regulatory readiness and public understanding needed to make informed choices over time.

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The Process Revealed a Strategic Agenda

The combined evidence, comparative experience and stakeholder process pointed to a common agenda:

- Highlight the conditions that Massachusetts would need to address to responsibly evaluate advanced nuclear and fusion energy.
- Understand the opportunities and comparative advantages of Massachusetts.

Trusted Information

Clear, Massachusetts-specific information on fission, fusion, readiness, costs, safety, timelines and regulation.

Workforce Development

Strengthen skilled trades, technical talent, apprenticeships, community college pathways and long-term career visibility.

Public Engagement

Build early, accessible, two-way engagement with transparent information and meaningful community participation.

Reliability and Affordability

Understand the potential role of firm, dispatchable clean energy as demand grows and the system decarbonizes, and what resources can meet identified needs.

Regulatory Readiness

Ensure strong safety oversight, improve coordination and predictability across state, local and federal processes, and advance a collaborative engagement process and ecosystem.

Regional Coordination

Plan with New England partners, because markets, infrastructure, workforce and many other impacts cross state boundaries.

Scan the QR code for more

information, including complete analysis, supporting documentation, sources, references and the full Roadmap.

