

BUILDING TENNESSEE'S NUCLEAR WORK FORCE STARTS IN **K-12**



THE GOAL



Every Tennessee student - regardless of location or background - should have the opportunity to learn what nuclear technology is, why it matters and how they might become part of Tennessee's nuclear future.




WHY THIS MATTERS **NOW**

Tennessee's nuclear sector is entering a period of significant growth. The state reports that its Nuclear Energy Fund has helped attract approximately **\$10 billion in announced investment**, with as many as **3,000 jobs expected** as projects move forward.

These opportunities will not be limited to nuclear engineers. Tennessee will need technicians, skilled tradespeople, operators, scientists, manufacturers, construction professionals, project managers, cybersecurity specialists and many other occupations.

Students cannot pursue careers they do not know exist. Early exposure to nuclear science, technology and careers is therefore an important part of Tennessee's long-term workforce strategy.



WHY YOUR PARTICIPATION IS **IMPORTANT**

Schools, museums, nonprofits and community organizations are already introducing young people to nuclear science and related careers. However, there is currently no shared picture of:

- What programs are available
- Which students and communities they reach
- Where programming is limited or absent
- What materials and partnerships are available
- What prevents organizations from expanding their efforts

By completing this survey, your organization will help Tennessee build upon successful programs rather than starting over or duplicating existing work.



TAKE THE SURVEY. SHARE YOUR WORK!
STRENGTHEN TENNESSEE'S NUCLEAR FUTURE!

WHAT TN² NEEDS TO LEARN



Classroom lessons, career presentations and teacher resources



Field trips, facility tours and hands-on demonstrations



STEM camps, clubs, competitions and after-school programs



Student internships, job-shadowing and mentorship opportunities



Grades, schools, counties and student populations served



Available speakers, volunteers, curriculum and equipment



Program capacity, funding needs and barriers to participation



Opportunities for collaboration or expansion

HOW TN² WILL USE THE RESULTS

1. Create an inventory of K-12 nuclear education and outreach programs.
2. Help school and community organizations find available programs, speakers, tours and teaching resources.
3. Identify geographic age-level and demographic gaps.
4. Connect effective local programs with partners that can help them expand.
5. Improve coordination among educators employers and community organizations.
6. Inform future funding, workforce-development and public-education priorities.
7. Strengthen pathways from K-12 education to technical programs, apprenticeships, colleges, universities and nuclear careers.



TN² WILL SERVE AS A CONNECTOR AND CONVENER.

It does not intend to take ownership of existing programs or replace the organizations already doing this work.

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**TOGETHER, WE CAN INSPIRE
TODAY'S STUDENTS AND POWER
TENNESSEE'S TOMORROW.**