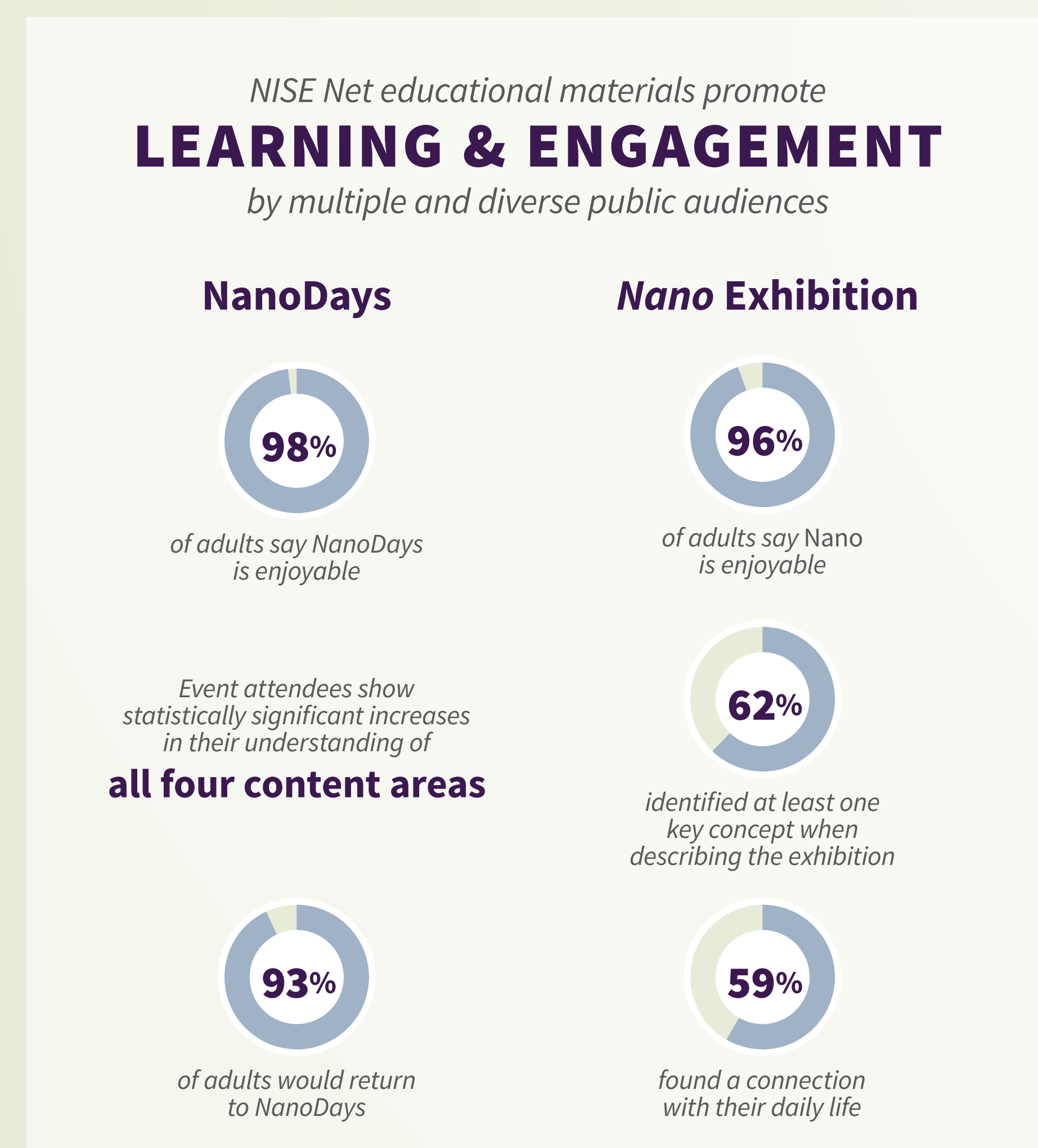


## ENGAGING THE PUBLIC

NISE Net's **EDUCATIONAL MATERIALS** are designed to engage a wide range of audiences in learning about complex scientific content, in ways that are fun and easy to understand.



# Nanoscale Informal Science Education Network (NISE Net)



DRL-0940143

LARRY BELL Museum of Science, PI | PAUL MARTIN Science Museum of Minnesota, co-PI | Rob Semper Exploratorium, co-PI

*The Nanoscale Informal Science Education Network (NISE Net) is a national community of researchers and informal science educators dedicated to fostering public awareness, engagement, and understanding of nanoscale science, engineering, and technology.*

## GOALS

**BUILD A NETWORK** of informal science education (ISE) organizations and nanoscale science and engineering (nano) institutions

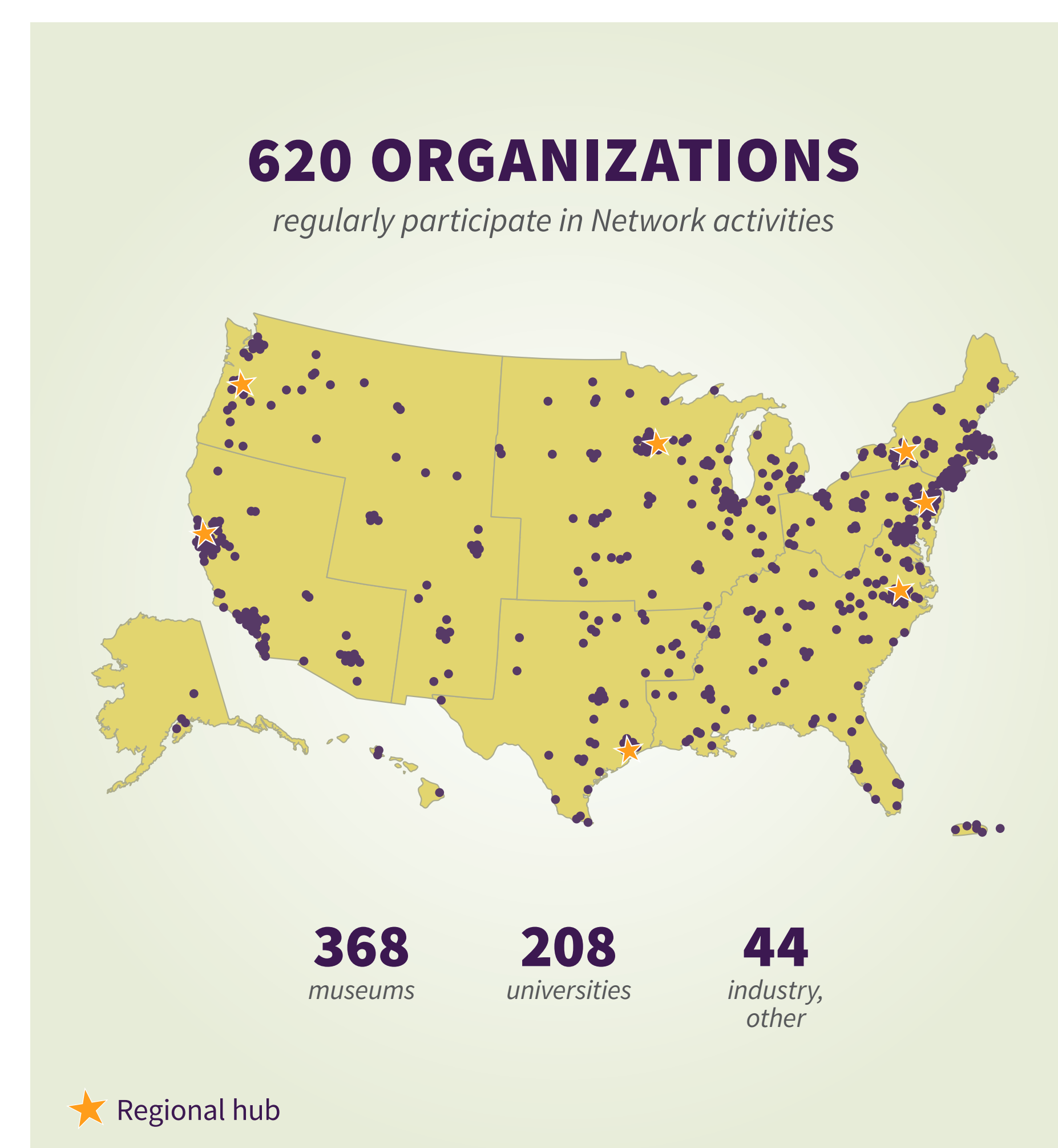
**ENGAGE THE PUBLIC** in nano through exhibits, programs, and other learning opportunities

**INCREASE CAPACITY** among partner organizations by providing professional development, resources, and knowledge

## AUDIENCES

The NISE Network is made up of **PROFESSIONAL AUDIENCES** including informal science educators and research scientists.

The Network reaches **PUBLIC AUDIENCES** such as families and school groups through the efforts of our partner organizations.



## IMPACT

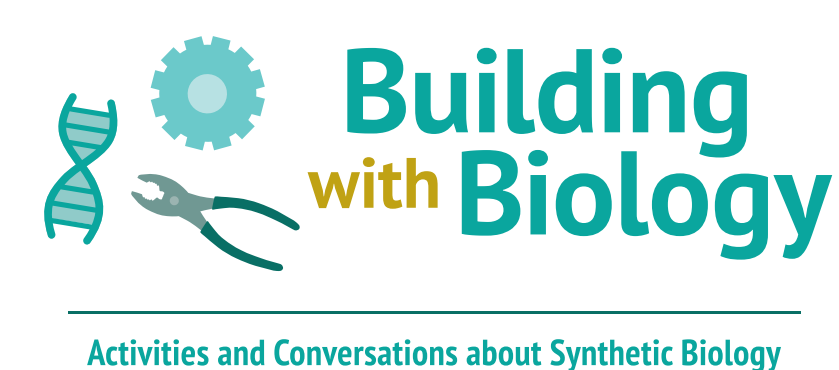
NISE Net has had a major impact by:

Incorporating **CURRENT SCIENCE** into regular museum exhibits and programs

Improving the **PRACTICES & SKILLS** of educators and scientists

Creating lasting, valuable **RELATIONSHIPS** among individuals and organizations

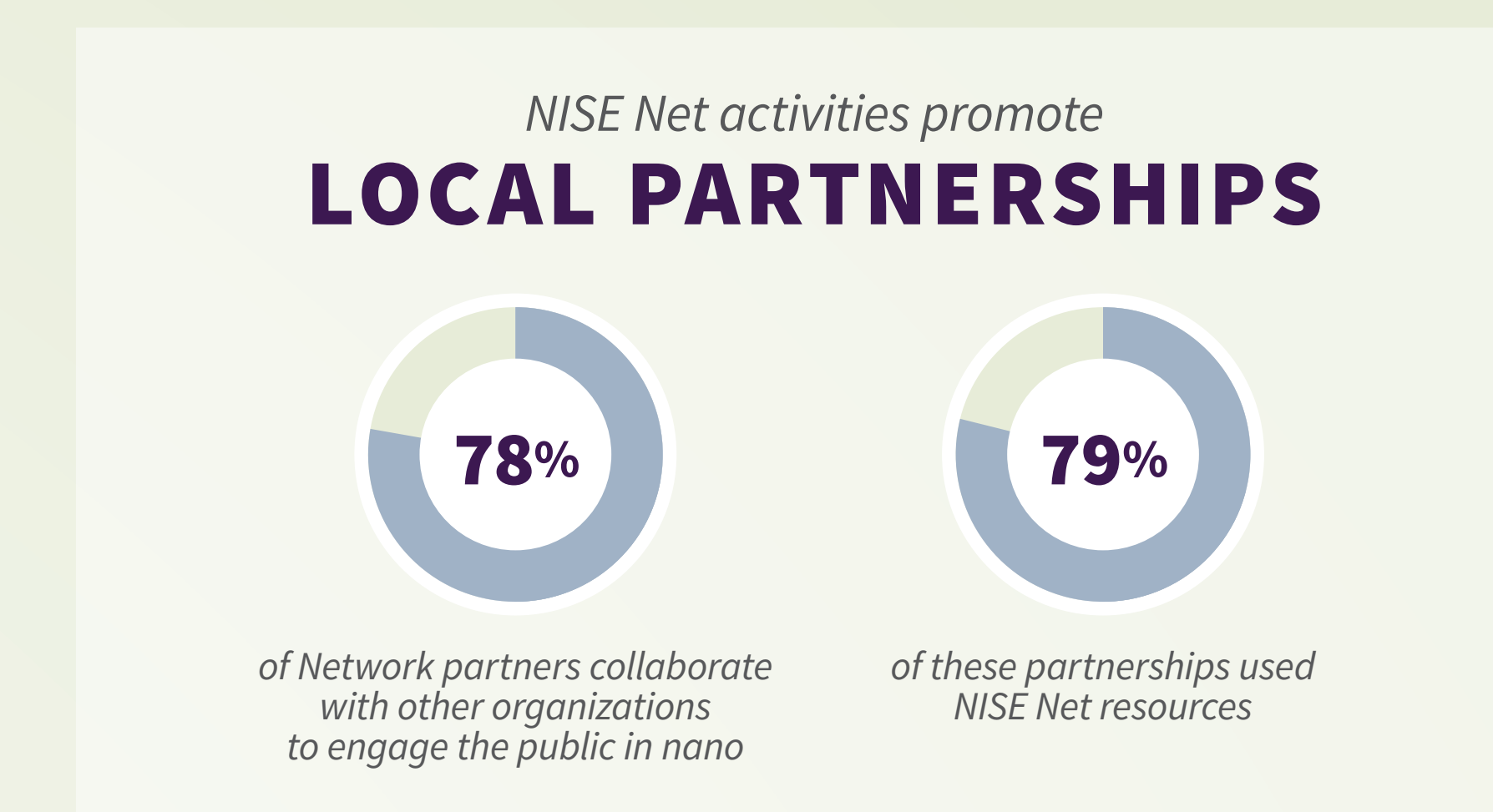
The **NATIONAL INFORMAL STEM EDUCATION NETWORK** is using the infrastructure and capacities built over ten years to engage public audiences in new topics:



Space & Earth Informal STEM Education

## INCREASING CAPACITY

NISE Net has provided **PROFESSIONAL DEVELOPMENT** for thousands of educators and scientists. Network research and evaluation has created new **KNOWLEDGE** for the field.



## SELECTED EVALUATION REPORTS

Study of Communication in the Nanoscale Informal Science Education Network  
 Summative Study of the Nano Mini-Exhibition  
 Summative Study of NanoDays 2014 Events  
 NISE Network Professional Impacts Summative Evaluation  
 Public Reach Estimations for the NISE Network  
 Review of NISE Network Evaluation Findings: Years 1-5

## SELECTED RESEARCH REPORTS

Nano Online: Tracking NISE Net's Digital Footprint  
 NISE Net Partnerships Study  
 NISE Net Research on How Visitors Find and Discuss Relevance in the Nano Exhibition

## SELECTED PROFESSIONAL DEVELOPMENT GUIDES

Engaging the Public in Nano: Key Concepts in Nanoscale Science, Engineering, and Technology  
 Guide to Building Partnerships between Science Museums and University-Based Research Centers  
 NISE Network Nano Exhibition: Creating a Small-Footprint Exhibition with Big Impact  
 Nanotechnology and Society Guide  
 NISE Network Bilingual Design Guide  
 NISE Network Translation Process Guide  
 NISE Network Programs: A Guide to Creating Effective Learning Experiences for Public Audiences  
 NISE Network Public Forums Manual  
 Sharing Science Workshop & Practicum for Early-Career Researchers  
 Team-Based Inquiry  
 Universal Design Guidelines for NISE Network Exhibits  
 Universal Design Guidelines for Public Programs in Science Museums