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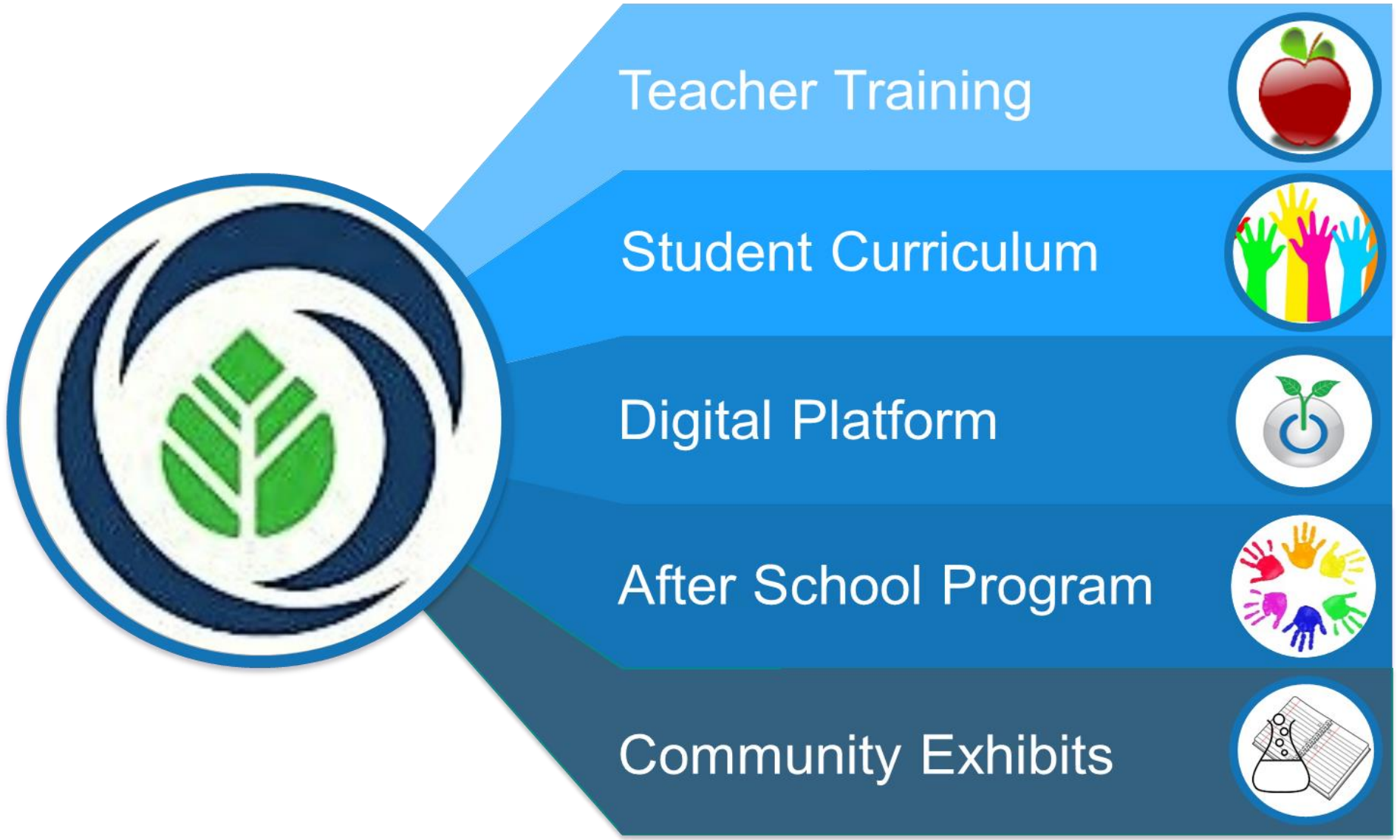
Pace University | School of Education
CCERS Principal Investigator

CCERS

Curriculum and Community Enterprise for Restoration Science in New York Harbor

Lamont-Doherty Earth Observatory
Columbia University | Earth Institute
School of Education
Pace University
Billion Oyster Project
New York Harbor Foundation
Good Shepherd Services
We see what can be.
The River Project
NYC Department of Education
Wildlife Conservation Society
New York Aquarium
NSF
The New York Academy of Sciences
Building communities, advancing science since 1817
SMART START
Evaluation & Research
University of Maryland
Center for Environmental Science



1. Design Educational Models incorporating CITIZEN SCIENCE Design Multifaceted Integrated Citizen Science through Environmental Restoration with Student Field Research and Inquiry Learning

Citizen Science through Environmental Restoration New York Harbor New York

2. Create and Maintain Globally Focused Partnerships
Establish Global Alliances and Collaborative Partnerships

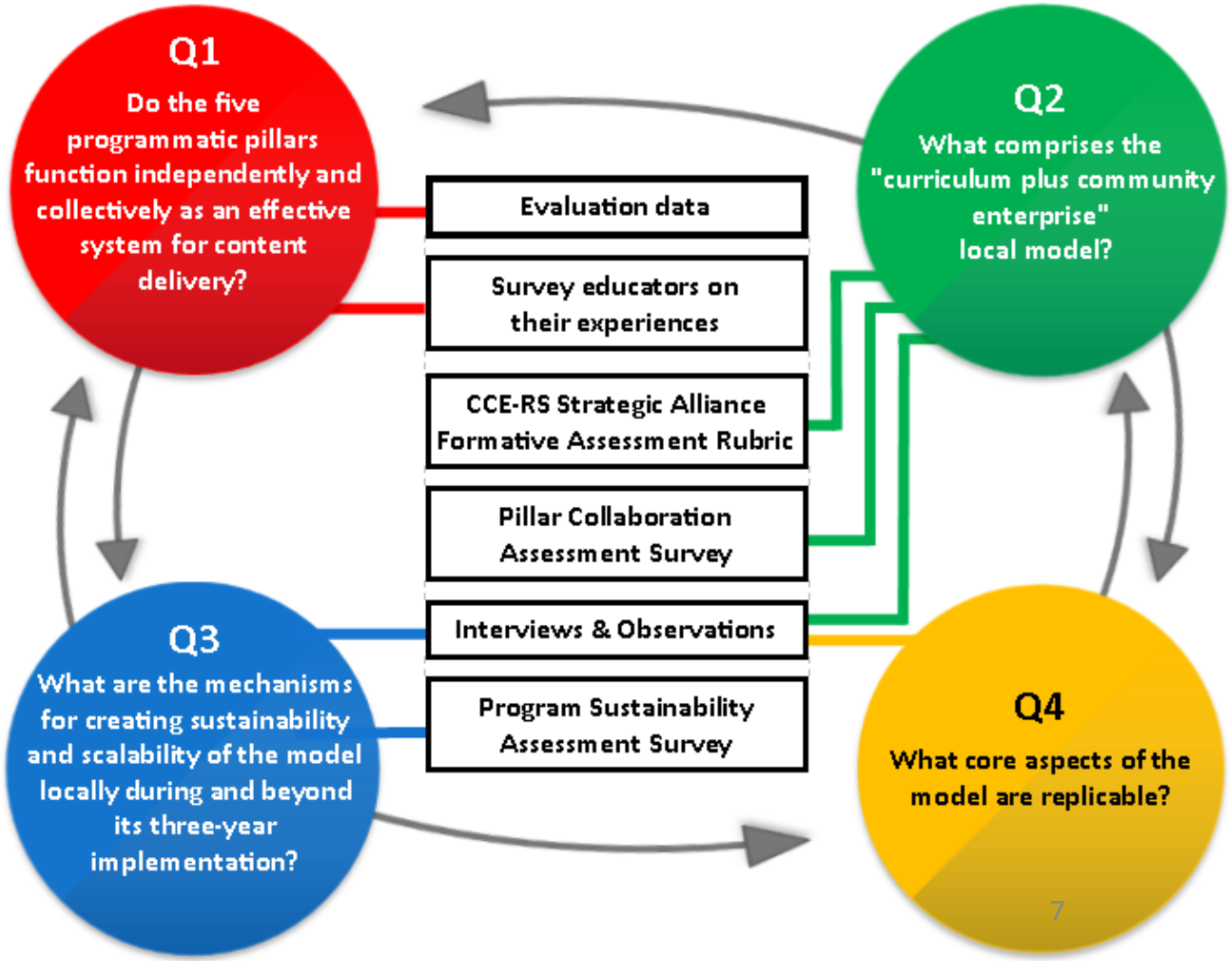
Leveraging with affiliates in the private and public sectors

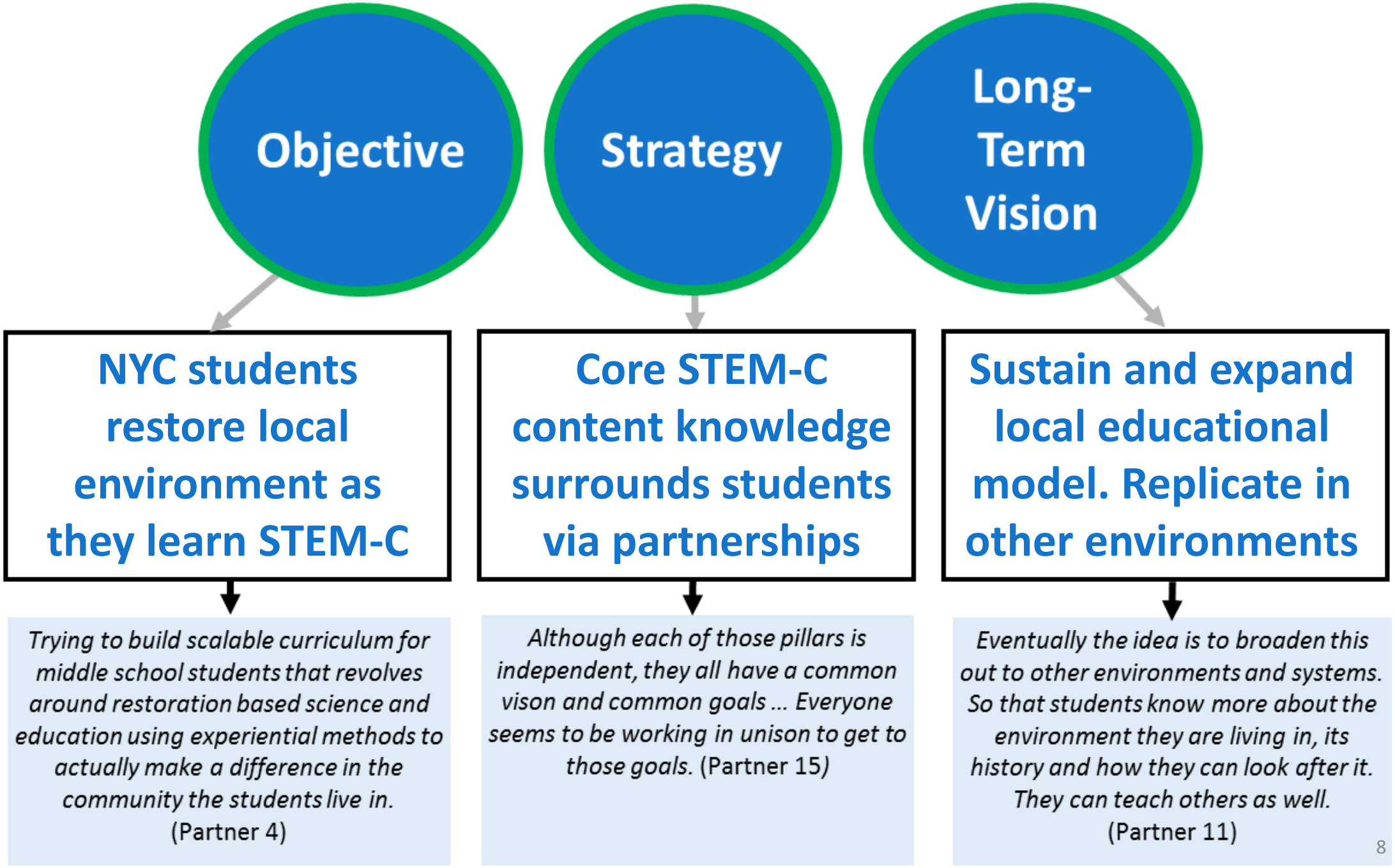
3. ESTABLISH REPLICABLE EDUCATIONAL MODEL

Designing an Effective and Efficient Environmental Restoration Model

Curriculum and Community Enterprise for Restoration Science Model
Evaluation & Research

Mission: Meaningfully connect teaching and learning to the restoration of New York Harbor. Enhance life outcomes for students historically underrepresented in STEM-C fields.




Objective
Strategy
Long-Term Vision
NYC students restore local environment as they learn STEM-C
Core STEM-C content knowledge surrounds students via partnerships
Sustain and expand local educational model. Replicate in other environments
Trying to build scalable curriculum for middle school students that revolves around restoration based science and education using experiential methods to actually make a difference in the community the students live in. (Partner 4)
Although each of those pillars is independent, they all have a common vison and common goals … Everyone seems to be working in unison to get to those goals. (Partner 15)
Eventually the idea is to broaden this out to other environments and systems. So that students know more about the environment they are living in, its history and how they can look after it. They can teach others as well. (Partner 11)

Grazie! Lauren Birney lbirney@pace.edu Pace University