

Clean Air Partners Board of Directors Meeting

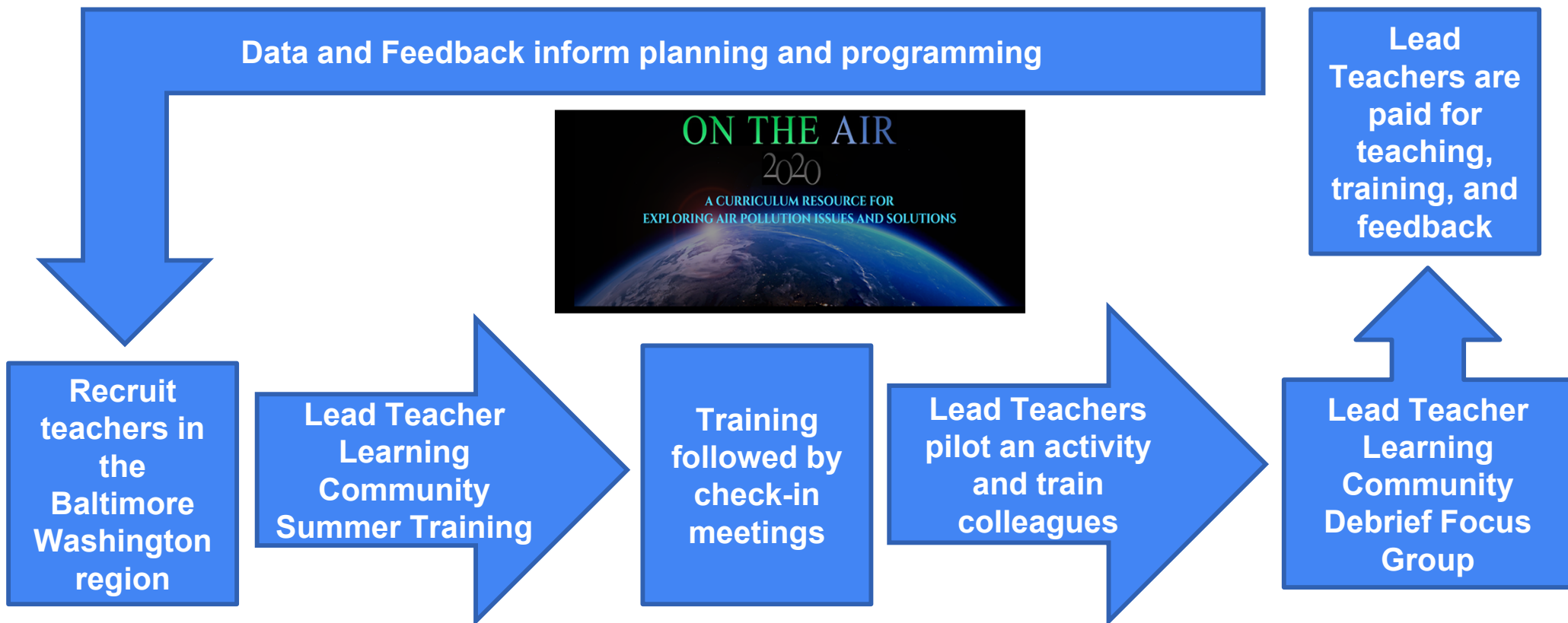
Education Program Updates
Elizabeth Spike
Education Program Manager
September 18, 2025



How can we educate students to transform awareness of air quality and climate change into personal actions that protect their communities in the Baltimore-Washington region?

Objective: Promote the use of <i>On the Air</i> curriculum. (FY 2023 Work Plan)			
Activity	Target CAP participating member school systems, charter, private, and independent schools in the District of Columbia, Maryland, and Northern Virginia.	Build relationships with stakeholders in public, charter, private and independent schools, school districts, and teachers of grades 5-12 across the BW region to create legacy and longevity for the CAP's Education Program.	Develop evaluation tools to conduct a needs assessment and gauge the extent of promoting the <i>On the Air</i> curriculum and Train-The-Trainer model in the BW region.
DATA / METRICS	Numbers of Schools School Type, Grade Levels, Subjects Geography	Current network Surveys Partnerships to build new relationships	Stakeholder experience Surveys Needs Assessments Communication/Support

On the Air Train-the-Trainer Model



2025-2026 Lead Teacher Learning Community

50 individuals signed up for an information session Feb-June 2025

20 applied and 17 Lead Teachers were trained Summer 2025

255 summer training contact hours; 130 check in forms; A lot of feedback on activities

2025-2026 Lead Teacher Learning Community

Grade Level:

47% High School
42% Middle School
11% Elementary School

Teaching Experience:

5-10 years 38%
10-20 years 31%
>20 years 31%

Per National Center for
Educational Statistics,
56% teach in a Title 1
School

2025-2026 Lead Teacher Learning Community

Subjects Taught:

Bio/Life

Enviro Sci

MS Science

Subjects Taught:

Earth Sci

Chemistry

Physics

ELD

Both CC and AQ : 59%

CC only: 18%

AQ only: 12%

Neither: 12%

Experience with Professional Learning Communities:

Weekly Planning

Science Fair

STEM

Curriculum and Instruction

Earth Day

District-wide Professional Development

National Board Certification

Motivation to join the LTLC:

Passion for Environmental Education and Action

Professional Knowledge

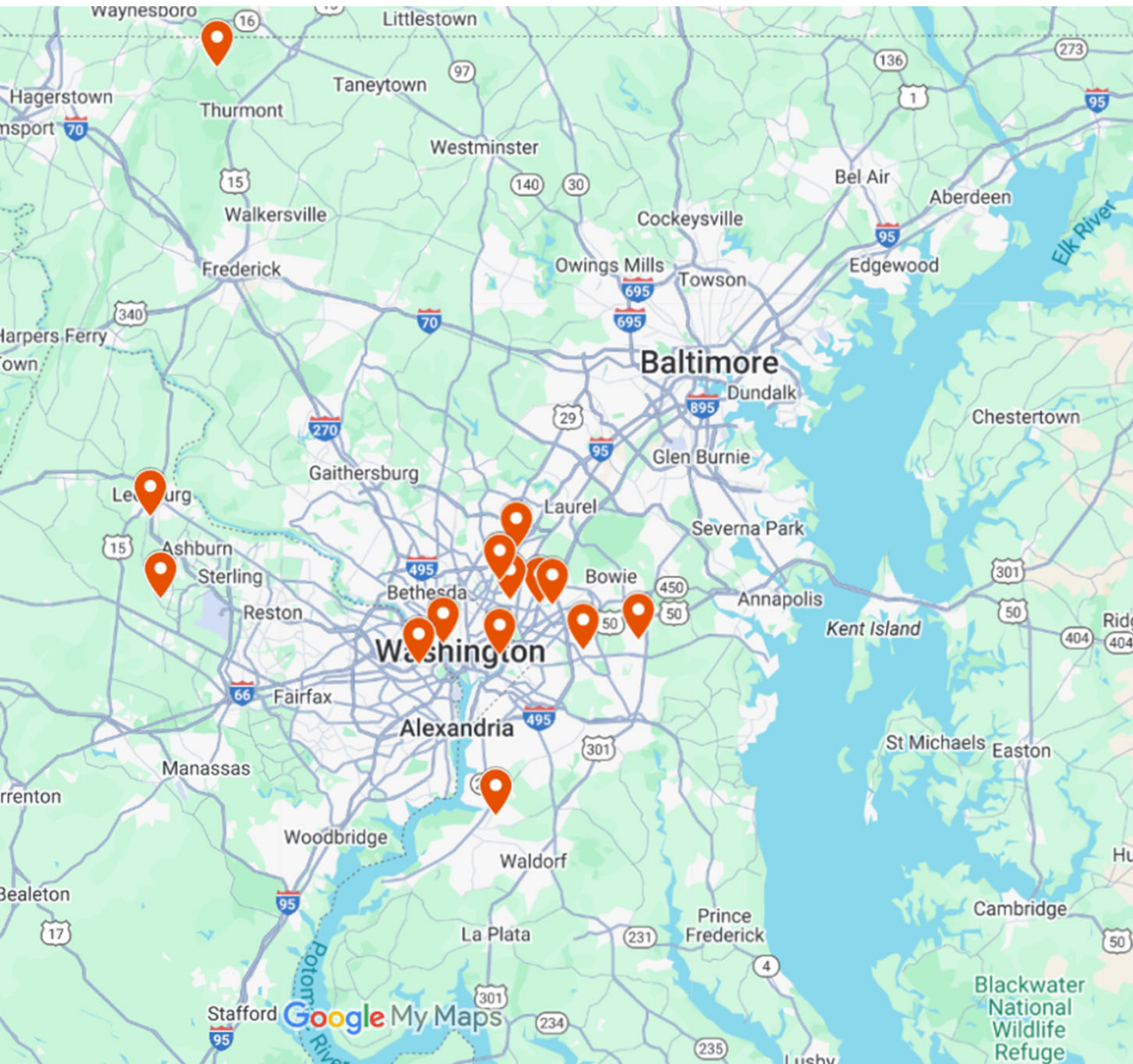
Best Practices/New Strategies

Aligns with Curriculum/Curriculum Needs Updates

Collaboration/Peer Learning

Student Engagement

Leadership Opportunity



Arlington County
Public Schools

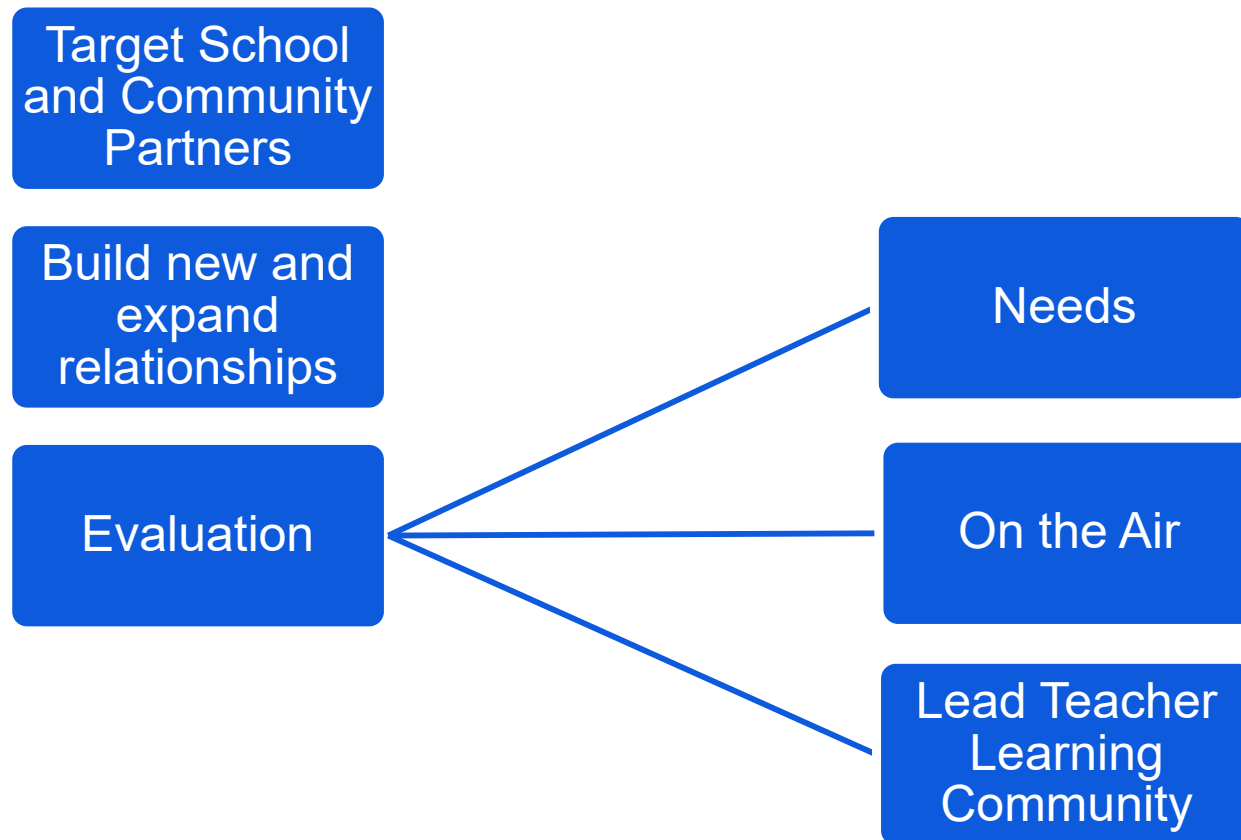
District of Columbia
Public Schools

Frederick County
Public Charter School

Loudoun County
Public Schools

Prince George's County
Public Schools

On the Air Promotion



Targeting School and Community Partners

Maryland Climate Teach In April 13-19, 2025

Leidos Support SY 24-25 and SY 25-26

MAEOE Youth Summit, Sandy Point SP May 29, 2025

Spring Student Internship to target PTA/PTOs NoVA Spring 2025

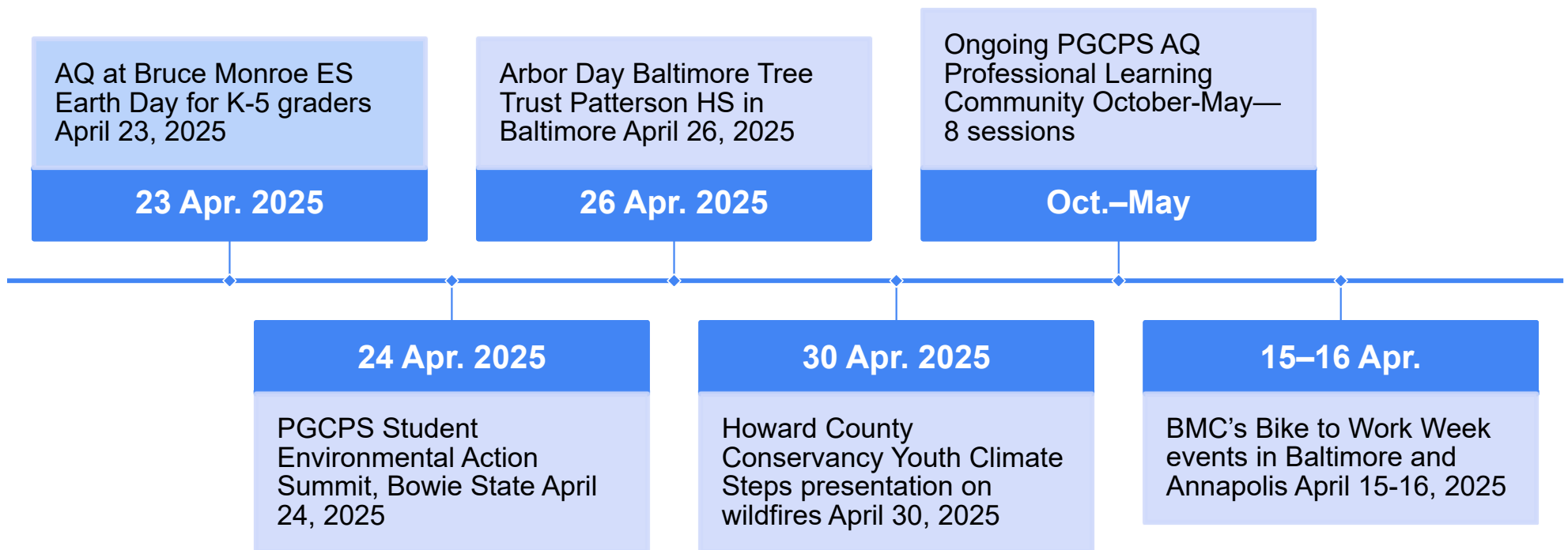
Healthy Together Fairfax Event June 8, 2025

Progressive Maryland No Cash for Trash Event July 26, 2025

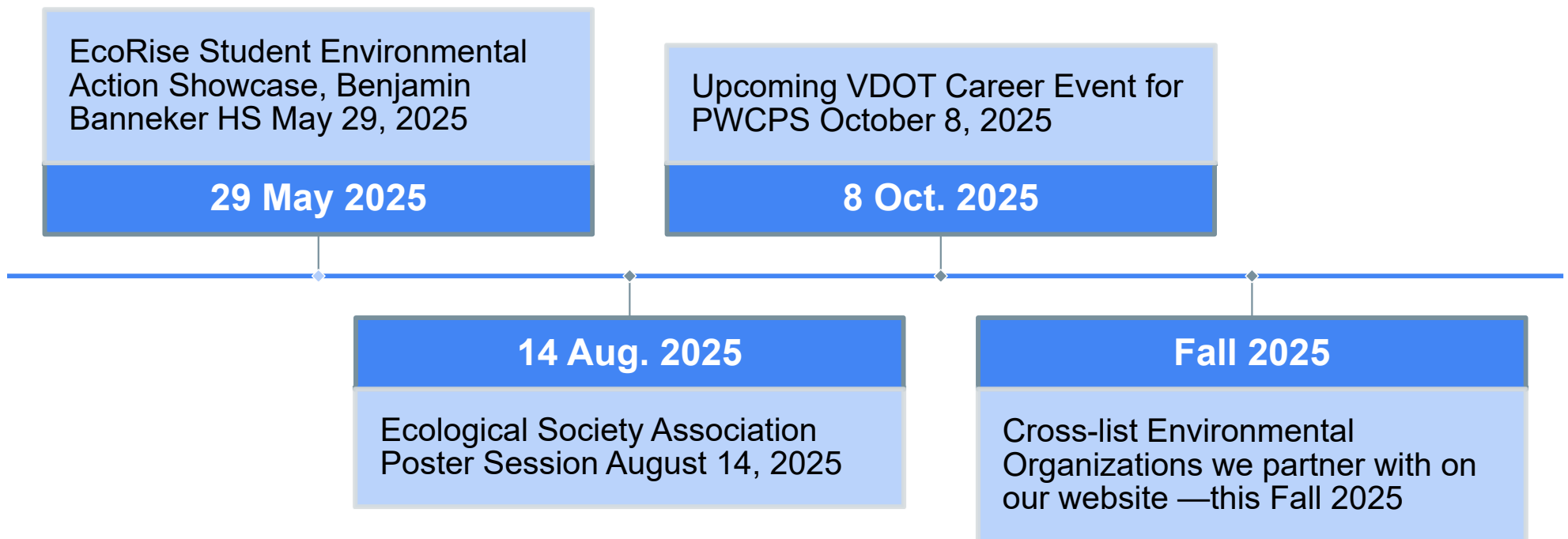
VAST Science Teacher Conference November 13-15, 2025

DOEE Low-Cost Sensor in DCPS—ongoing

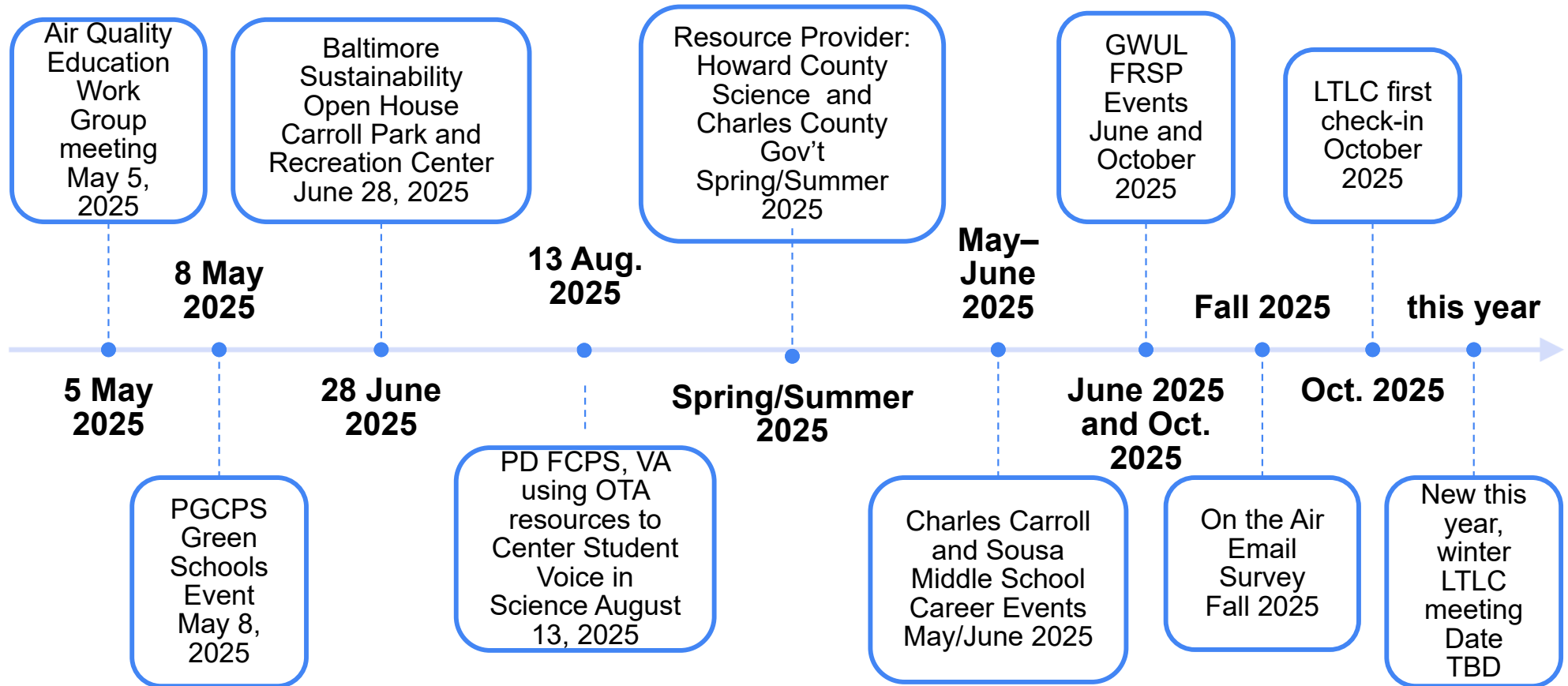
Building and Expanding Relationships



Building and Expanding Relationships



Evaluation—Needs, OTA and LTLC



Thank you, Board of Directors,

Tracye Funn

Jennifer Raley

Mike Sowko

Serene Almomen

Kirsten Bates

Kathryn Seaman

Justin Smith

Anna Marshall

Glenna Tinney

Thank you.
Questions?

Contact me at espike@cleanairpartners.net

Let's partner. Are you interested in...

- co-presenting
- joining a summer LTLC training—introduce yourself, your org, your commitment to AQ
- introducing me to your networks
- collaborating on grants and sponsorships
- introducing me to your organization