



Bridging the Talent Gap

Accelerating Workforce Solutions for Semiconductors



Every **innovation** begins with a chip:
AI, EVs, clean energy, medicine,
space, etc.



People Power Progress.



Innovation isn't possible without people.
Skilled. Inspired.



The demand for semiconductor talent has never been greater. More than **170,000** new workers will be needed in the U.S. in the next five years.

Building the Workforce that Powers Our World

Mission: To support economic opportunity for workers and the sustained growth of the microelectronics industry through creating pathways and opportunities for job seekers, and tools and systems for semiconductor companies to attract, develop, retain, and advance a broad, skilled workforce.



50+ workforce
initiatives worldwide in
SEMI regions



Extensive national
programming in the
United States

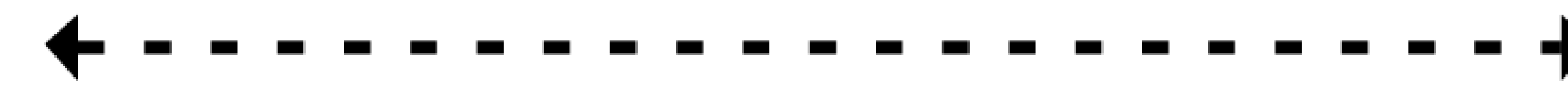
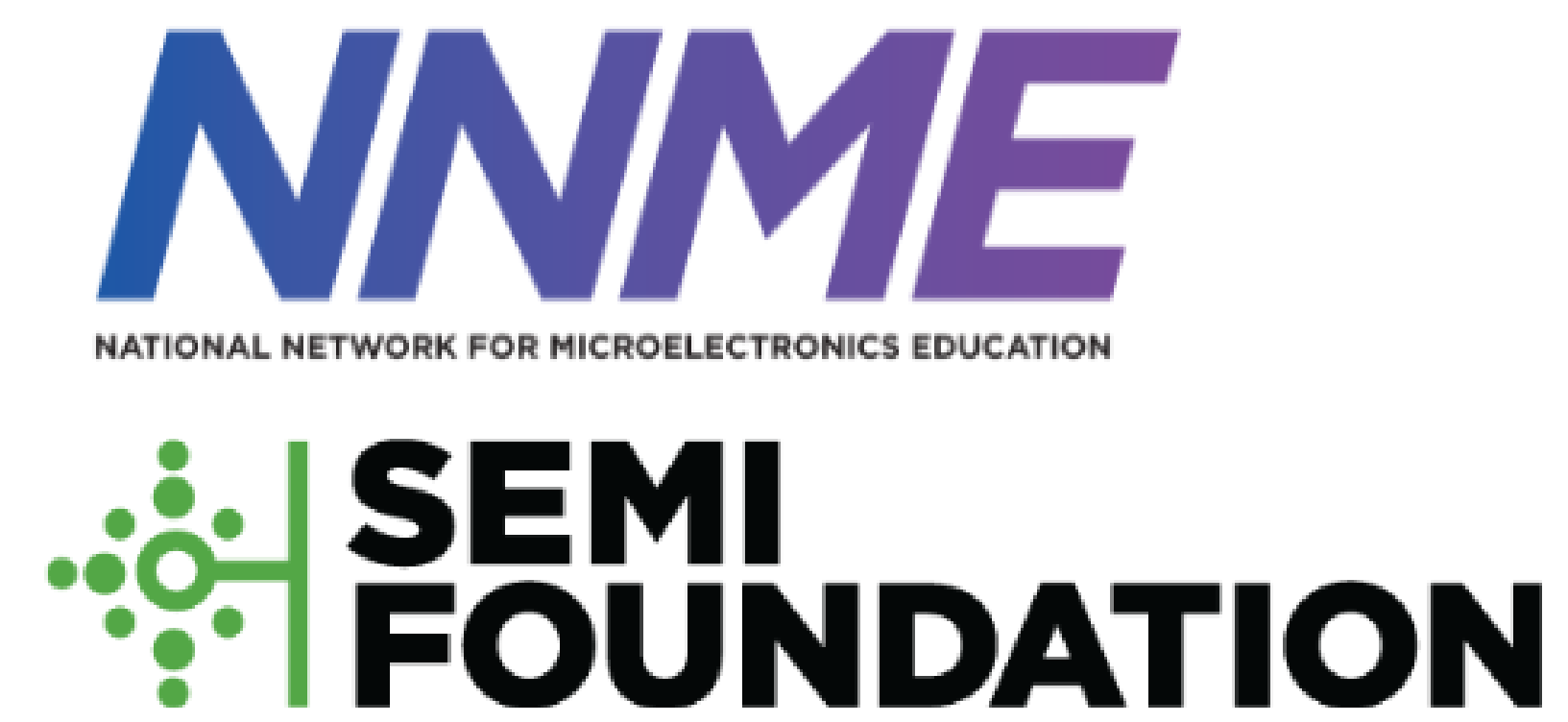


Building opportunity at
the regional and state
level

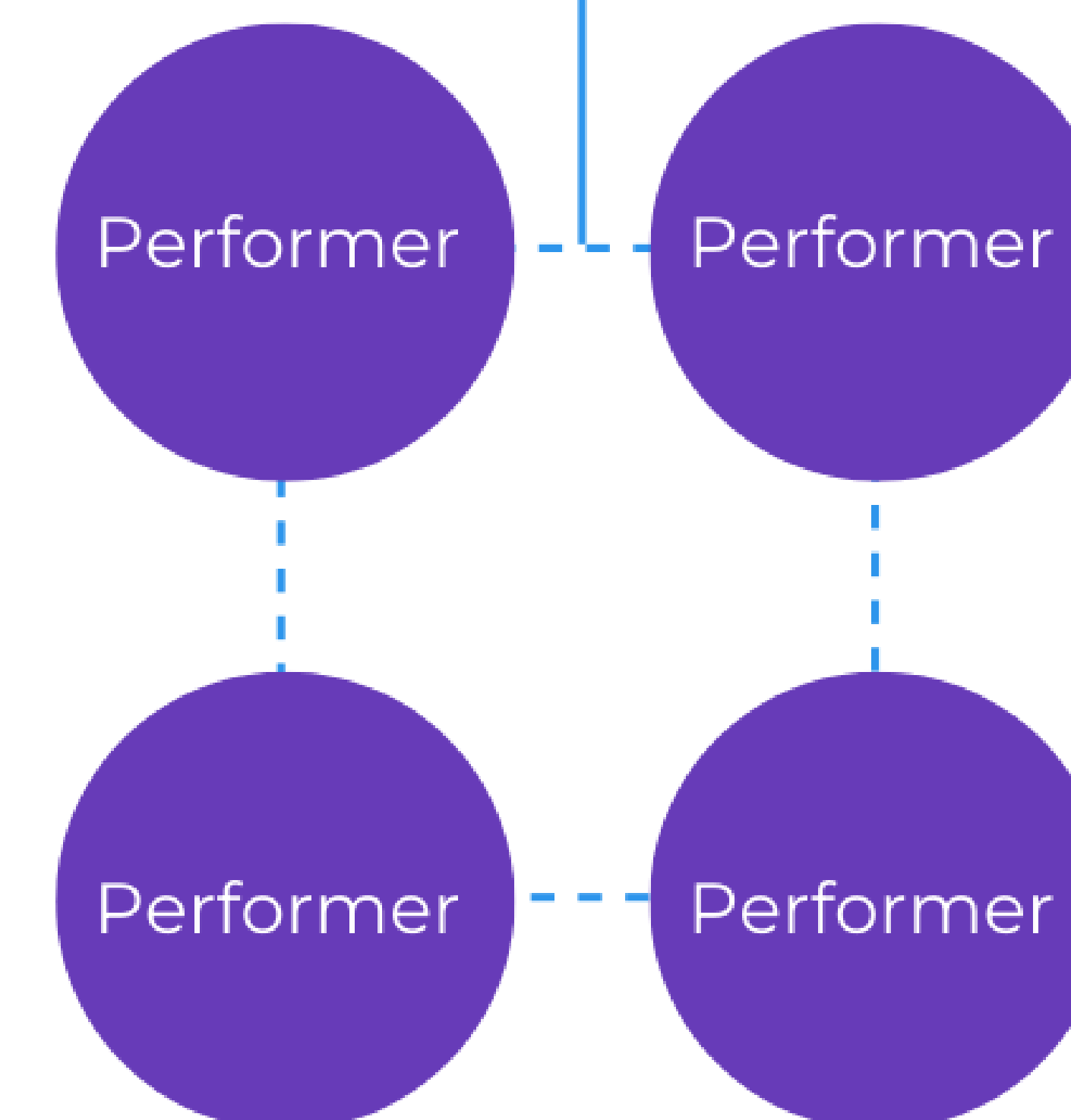
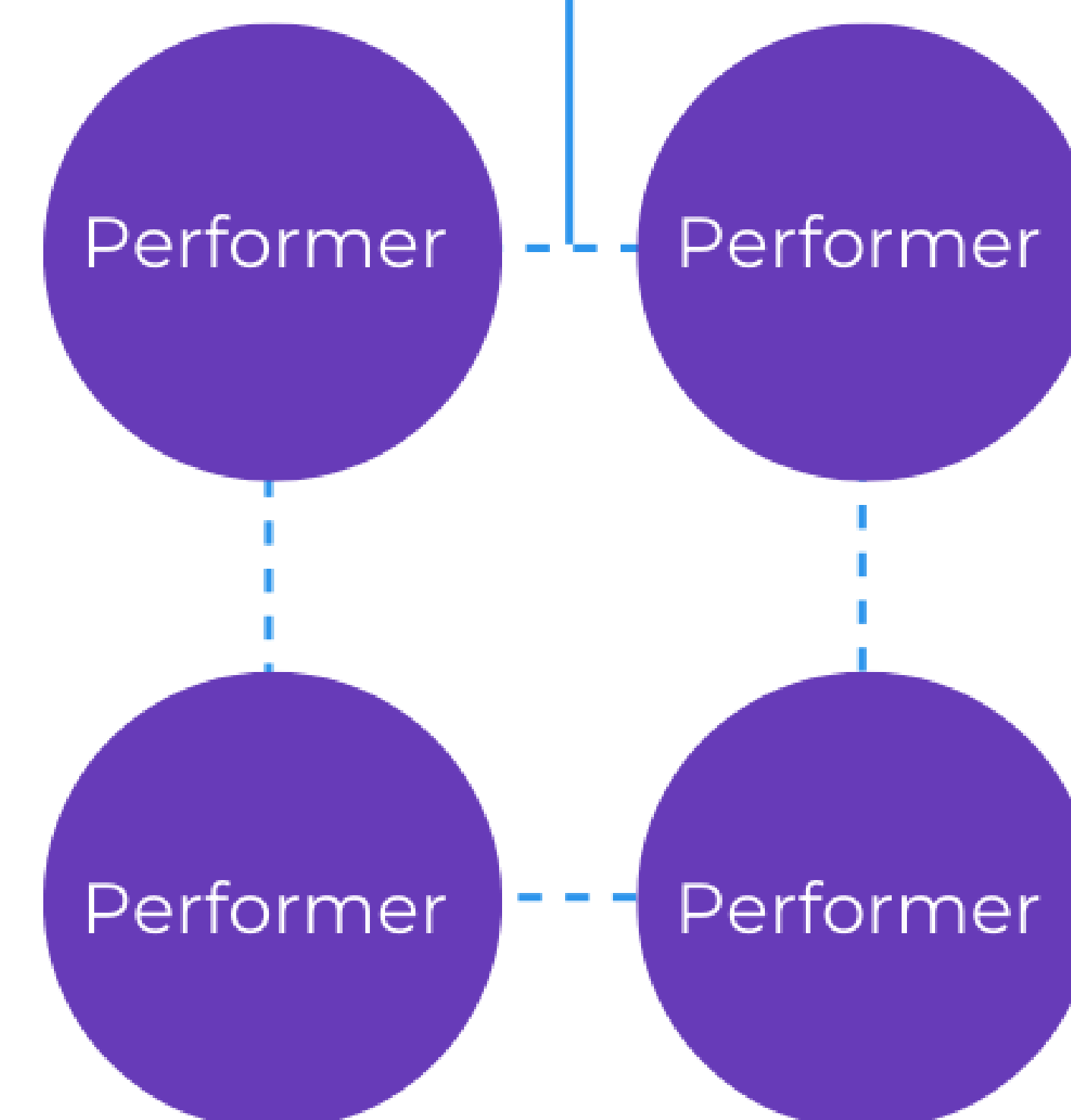
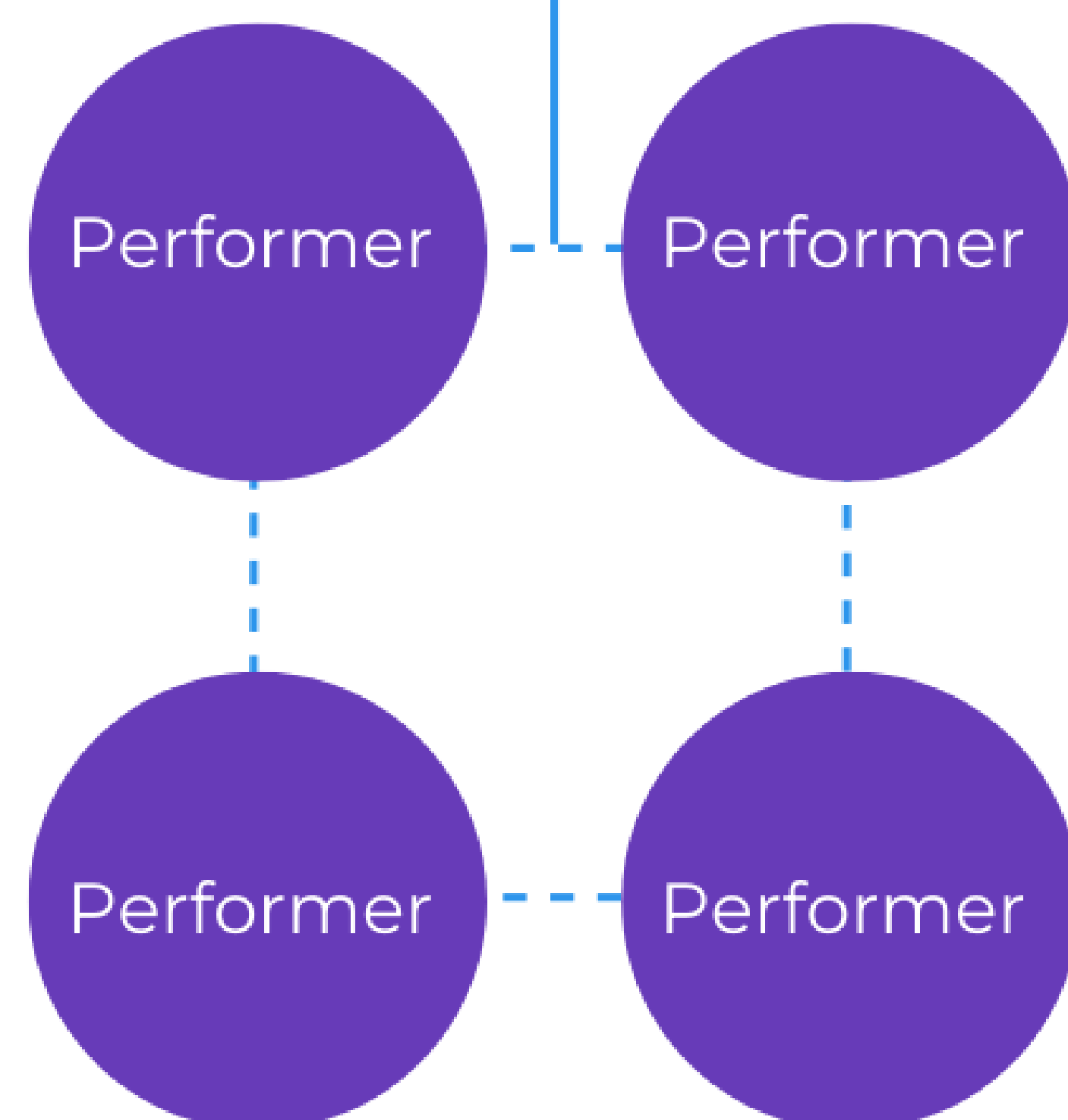
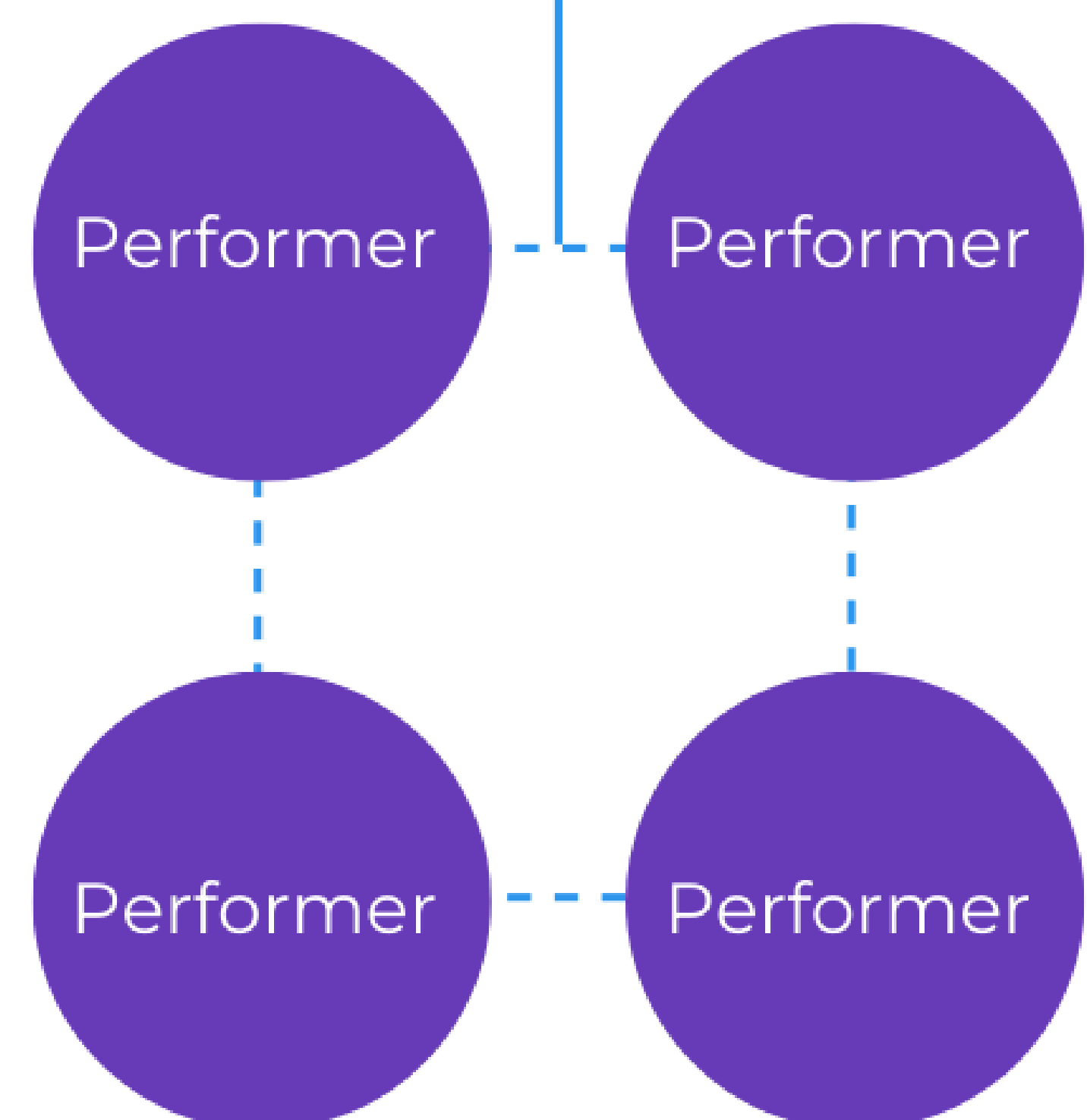
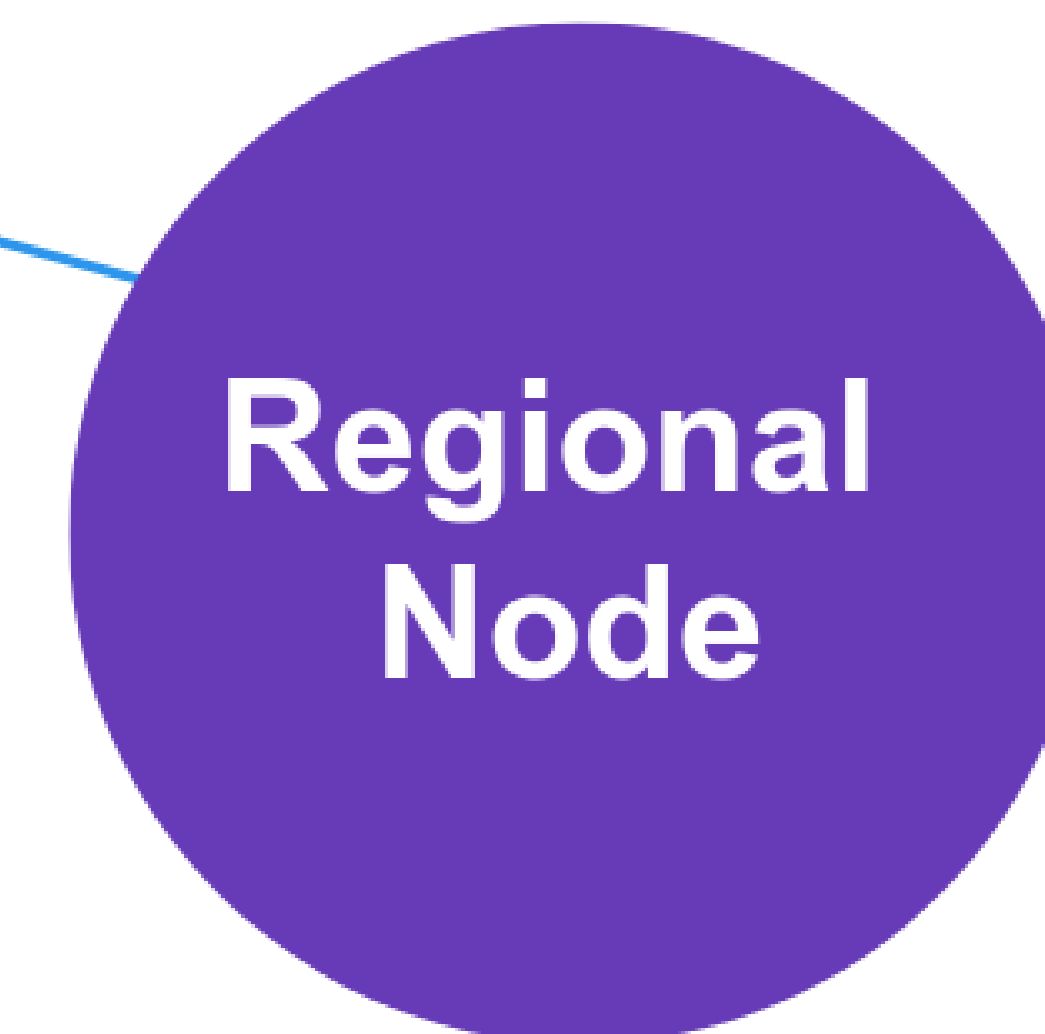
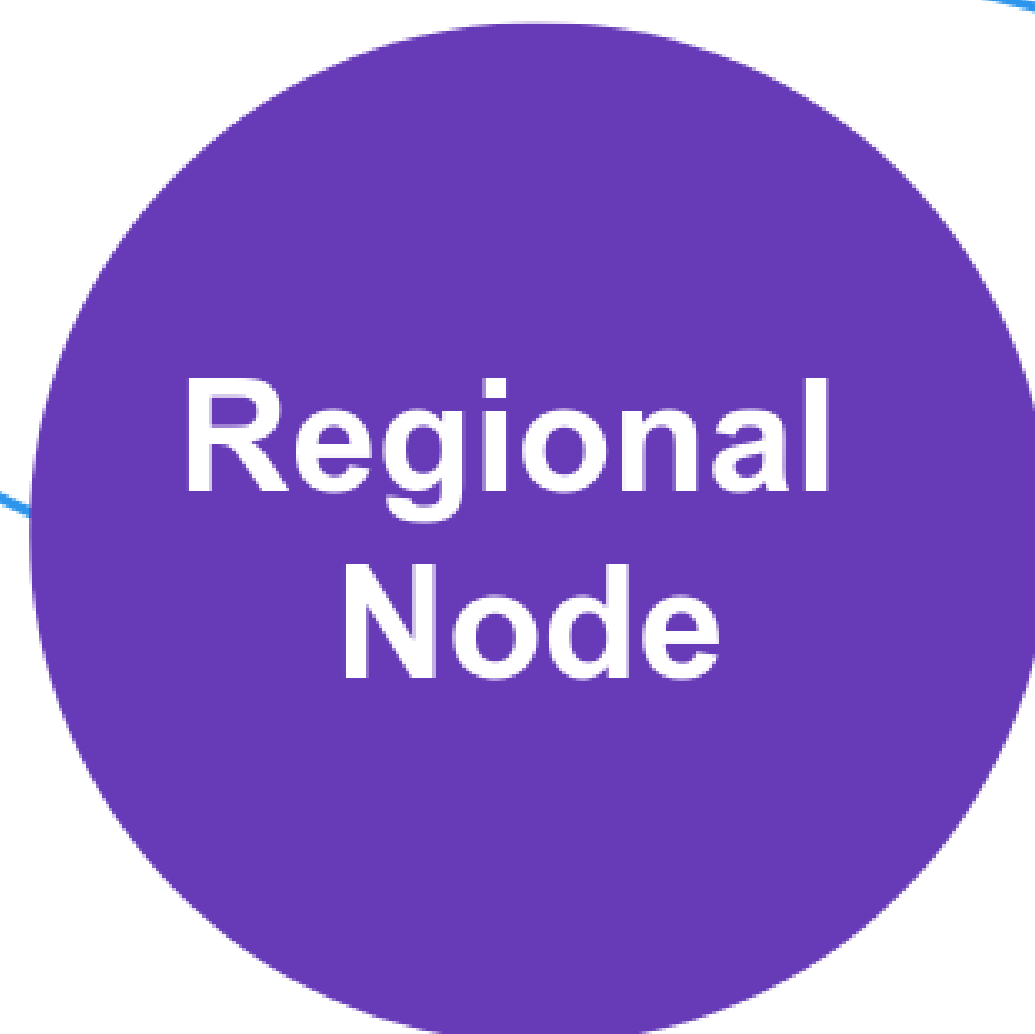
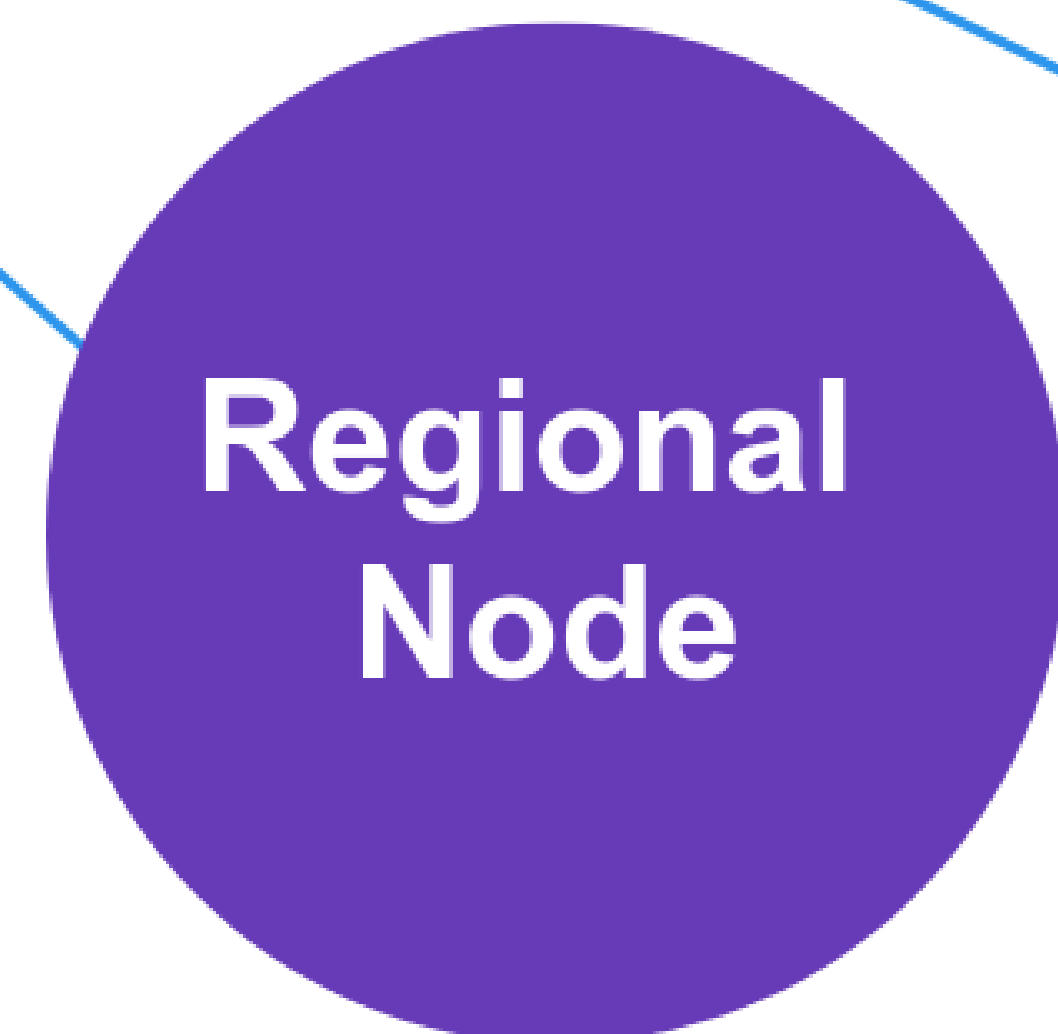
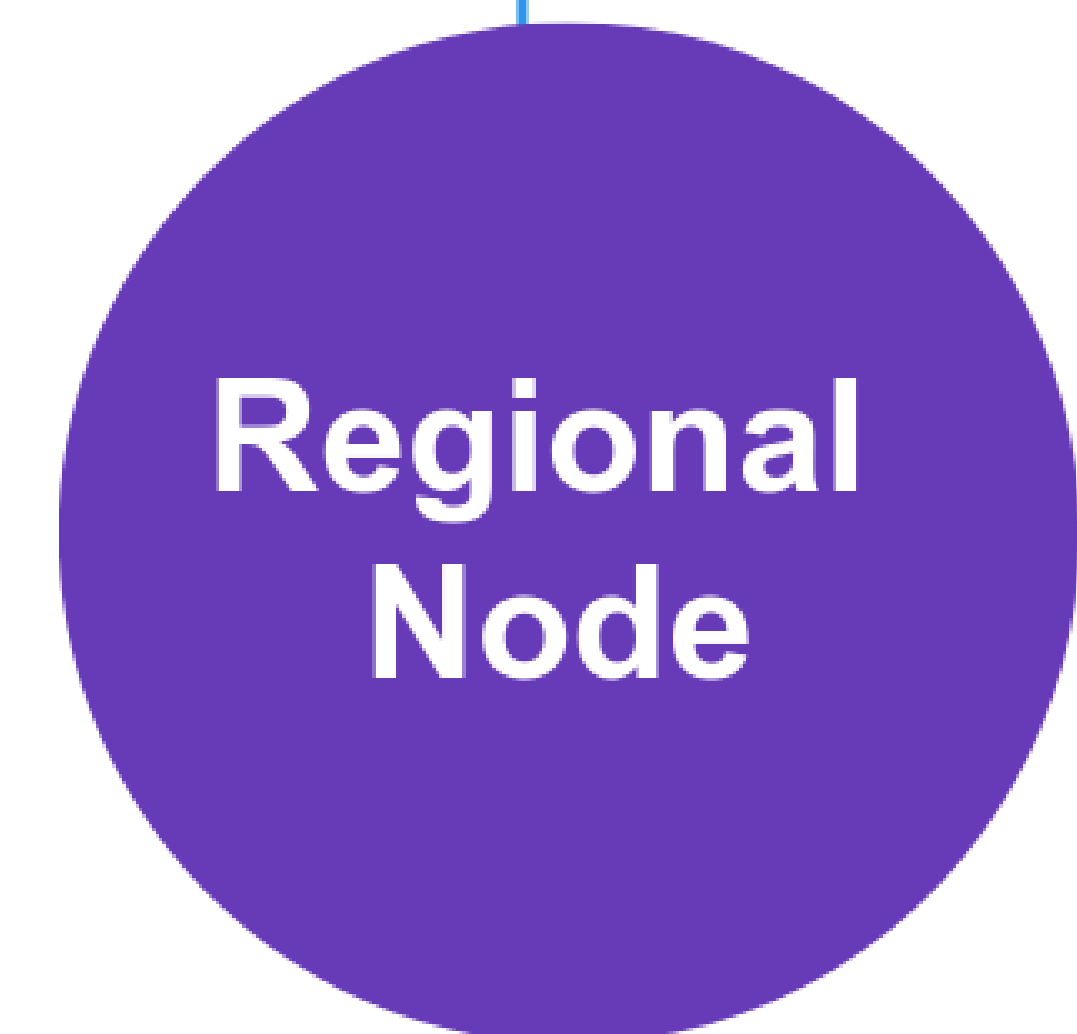
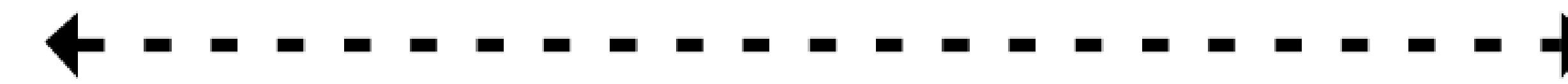


Ensuring a skilled
talent pipeline
for industry

Founded in 2001. Global Impact Today.



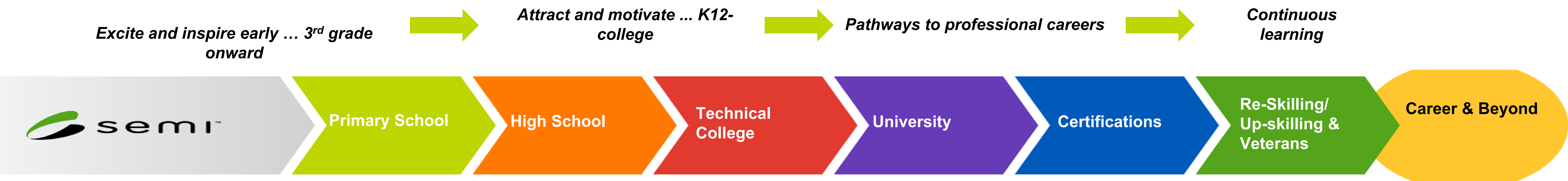
Data
Industry Coordination
Best Practices



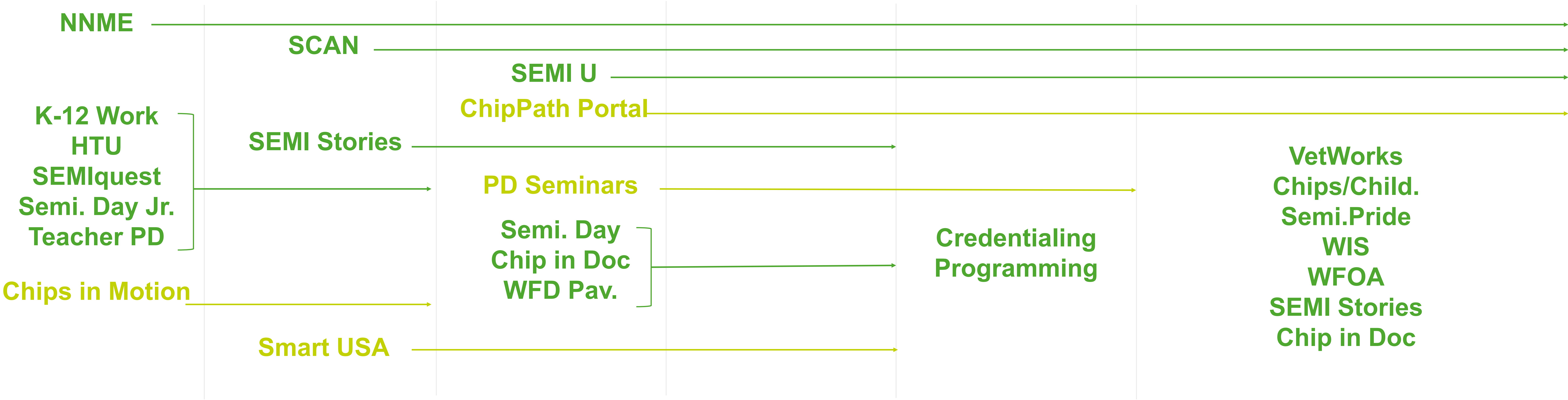
Performers May Include:

- Industry
- Colleges and Universities
- Workforce Development Orgs
- K-12 Schools
- Labor Organizations
- Economic Development Orgs
- Etc.

Heat Map: US



U.S. Initiatives



Green: all good
Yellow: in progress

Full Speed Ahead (2026)



NNME Regional Nodes Coming Soon

Building a nationwide talent engine to connect education, workforce, and industry.



Launching Smart USA Pacific DISC

Driving workforce development and apprenticeship adoption across Arizona, California, Oregon, Washington, and Alaska.



Rolling Out Chips in Motion

A digital-first campaign inspiring the next generation through immersive, mobile, and engaging experiences



Scaling Core Programming Globally

Expanding proven workforce solutions across SEMI regions to meet worldwide industry demand.



Powering Progress Together.

Ways to get involved



Partner on Workforce Programs

Shape talent pipelines through internships, apprenticeships, and curriculum alignment.



Join Our Networks

Collaborate with peers, share best practices, and access talent pools.



Sponsor Awareness + Education Initiatives

From Chips in Motion to SEMIquest and Student Tours—make semiconductors visible and exciting.



Support Access Programs

Champion initiatives that get all Americans excited about careers in this industry.



Invest in the Future

Fund scholarships, program expansion, and national efforts to sustain long-term growth.



The workforce challenge is the **opportunity of our time. Contact us at semifoundation@semi.org or reach out directly to me at mglavin@semi.org.**