

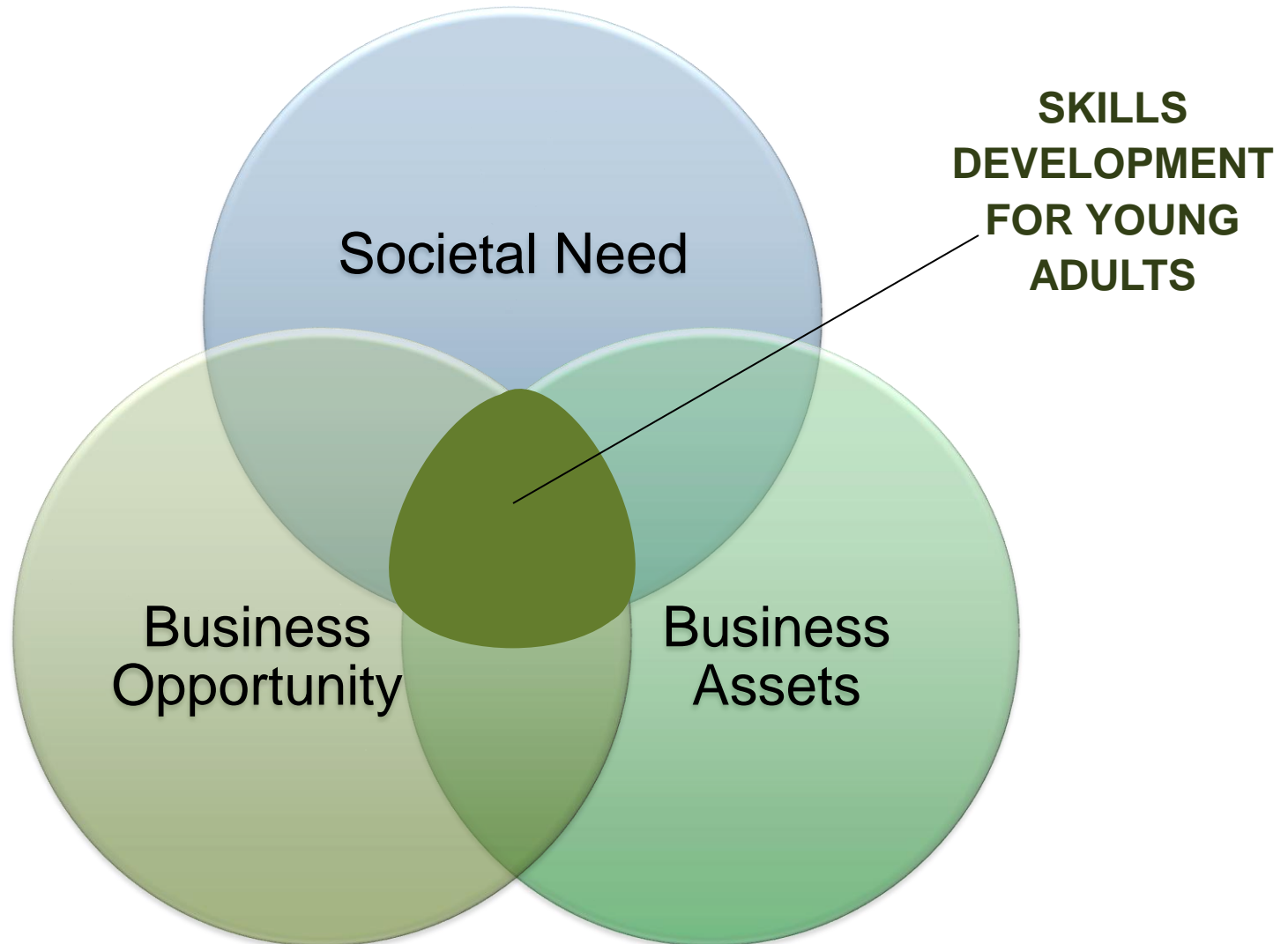


The Middle-Skill Opportunity: The Siemens Foundation Perspective

Image: Siemens Energy Inc.

David Etzwiler, CEO, Siemens Foundation
August 24, 2015

Workforce Development: The Sweet Spot Between Societal Need and Business Opportunity



STEM Middle-Skill Jobs are in Demand but Systemic Investments are Low: Young Adults are Paying the Price



STEM jobs make-up 20% of U.S. jobs, and 50% require less than a bachelor's degree.

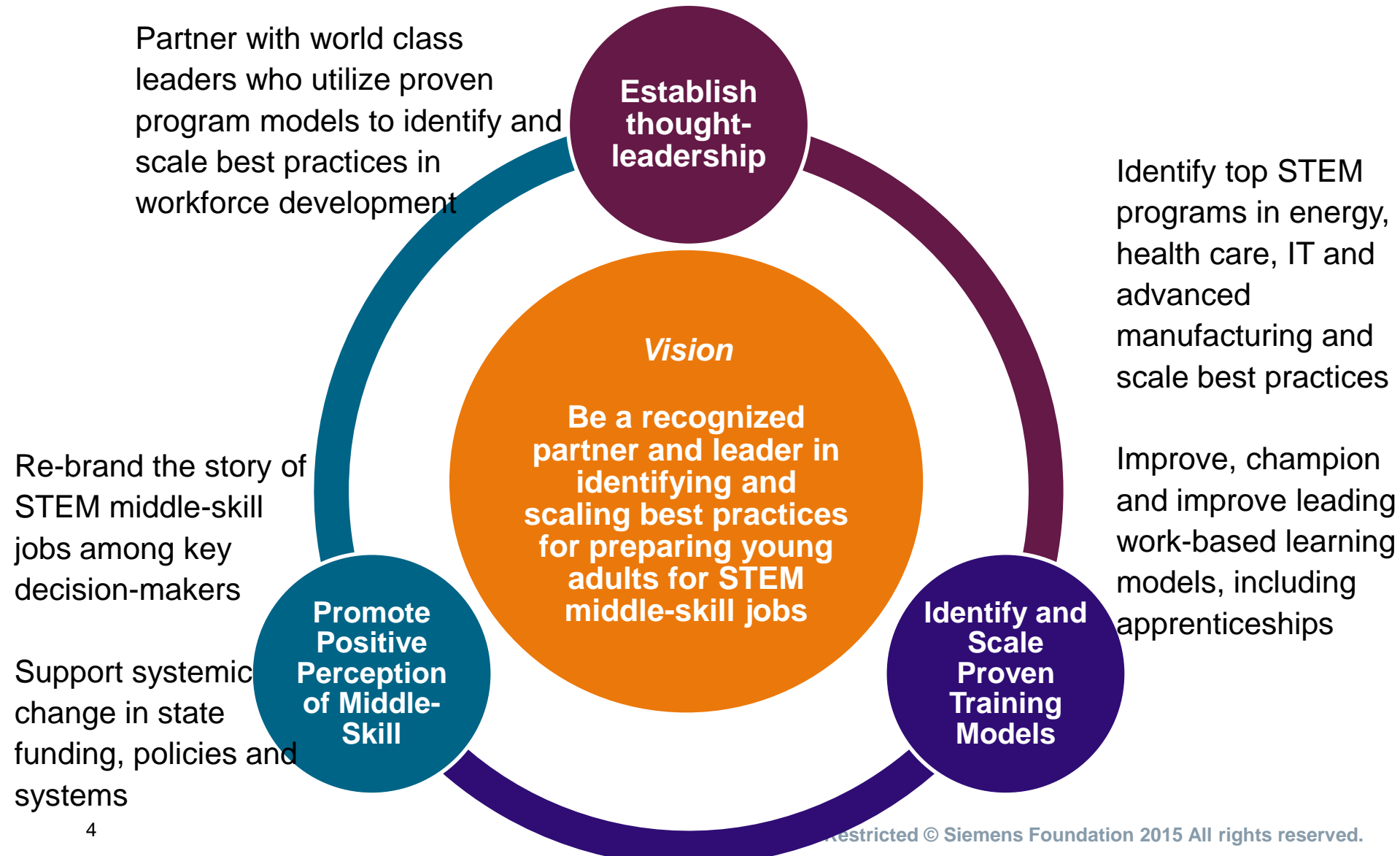


Less than 25% of the U.S. STEM investment is in middle-skill development.



Compared to international peers, U.S. young adults lack competitive skills. Youth unemployment is triple the national rate.

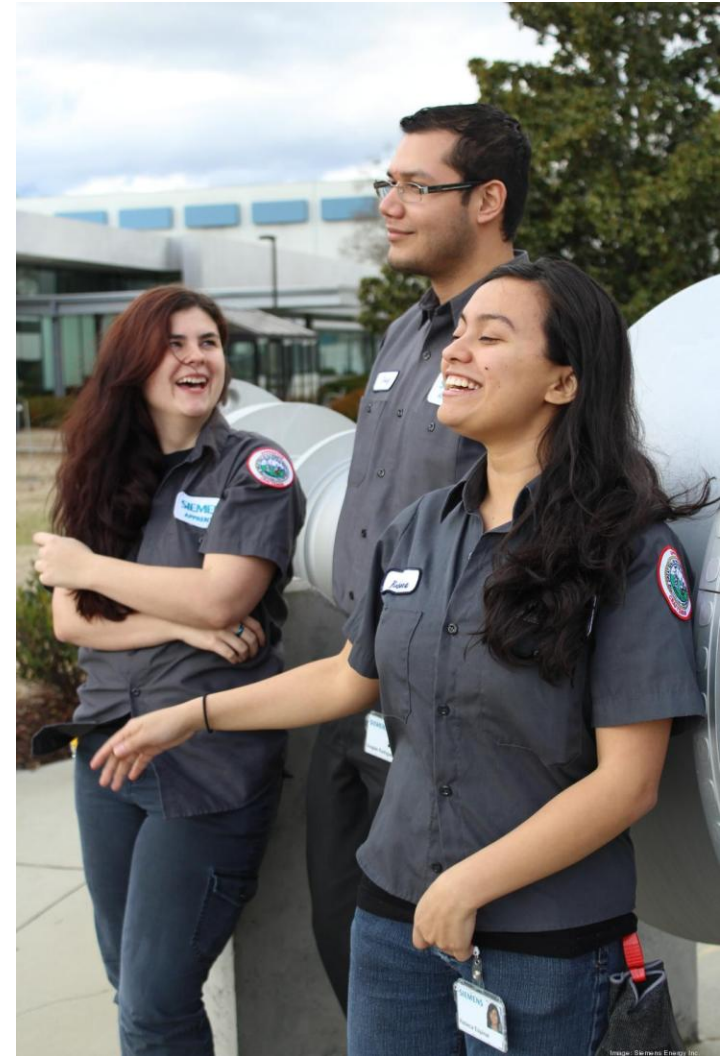
The Siemens Foundation's Workforce Development Program: One Vision, Three Strategies



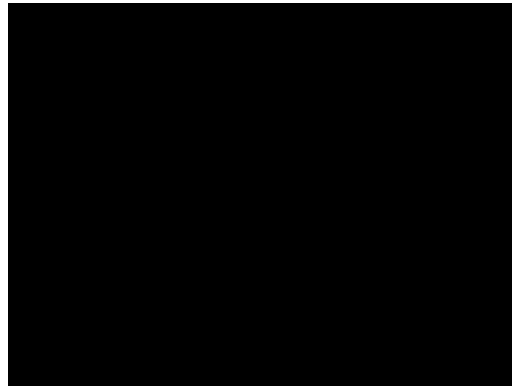
“Graduating Charlotte manufacturing apprentices celebrate four years of training, college” – Charlotte Business Journal



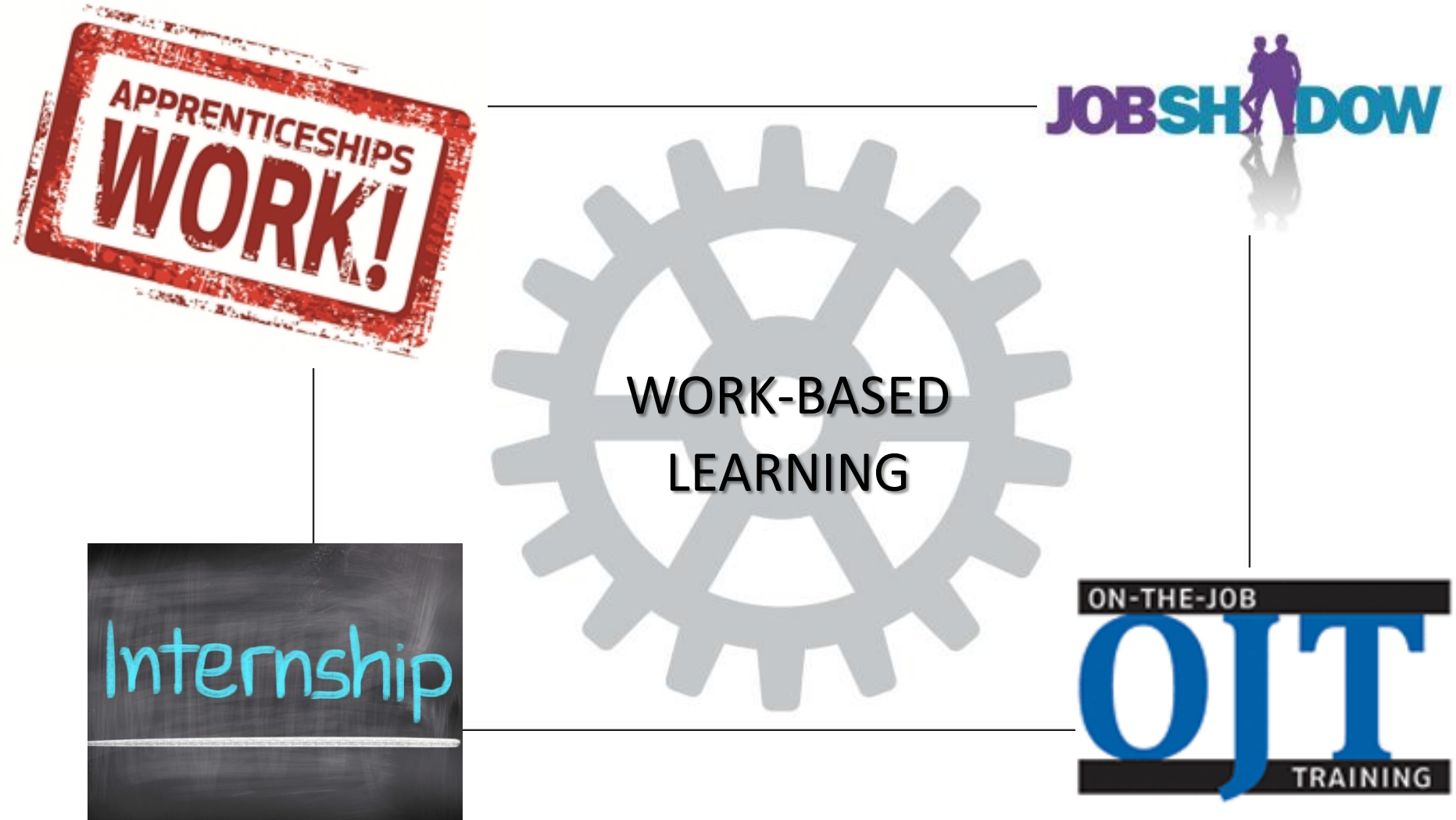
CENTRAL PIEDMONT
COMMUNITY COLLEGE



Rebeca



Work-based Learning Takes Many Forms but Always Connects Formal Learning with the Work Experience



Participating States, their Businesses, and their Workforce will Benefit



SIEMENS | Foundation



- ✓ \$100,000 Implementation Grant
- ✓ Intensive Technical Assistance
- ✓ Peer Learning with Other States
- ✓ Meaningful Employer Engagement
- ✓ Stronger STEM Talent Pipeline
- ✓ Career Opportunities for Disconnected Youth, Working Young Adults, or High School Students
- ✓ National Recognition as a Leader in Work-Based Learning

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