



Mobilizing Vocational Students for Global Education

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Shannon Kennedy, Cleveland CC

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Session Goals

1

Understand how international learning enhances careers of vocational students

2

Understand the importance of inter-institutional collaboration on a local level

3

Learn about dual education as a vehicle for today's global workplace

Session Structure

- Welcome & Introduction (Katja Kurz)
- Global Workforce Development & Dual Education (Brigitte Hartenstein)
- International Learning for Community College Students (Shannon Kennedy)
- Conclusion & Discussion

Icebreaker

Introduction

- 2014 Open Doors Report: 1.1% of EA students are from CCs
- CCs host largest number of vocational students
- Untapped potential: why?
- Barriers to EA: \$\$, eligibility, language

Sources: www.iie.org/Research-and-Publications/Open-Doors/Data/US-Study-Abroad/Student-Profile/2000-13

<http://ccrc.tc.columbia.edu/Workforce-Development-at-the-Community-College.html>

Global Workforce Development

<http://video.unctv.org/video/2365429087/>



Apprenticeship is a Job in which an individual is paid to learn a defined set of skills through extensive on-the-job AND classroom-training. Success is time- and competency-based!



Maximize the learning success in educational institutions AND industrial companies around the globe.



Facts About Global Education

Situation in USA - Germany



apprentices: 358,000
youth unemployment: 17 %



apprentices: 1,5 million
youth unemployment: 7 %

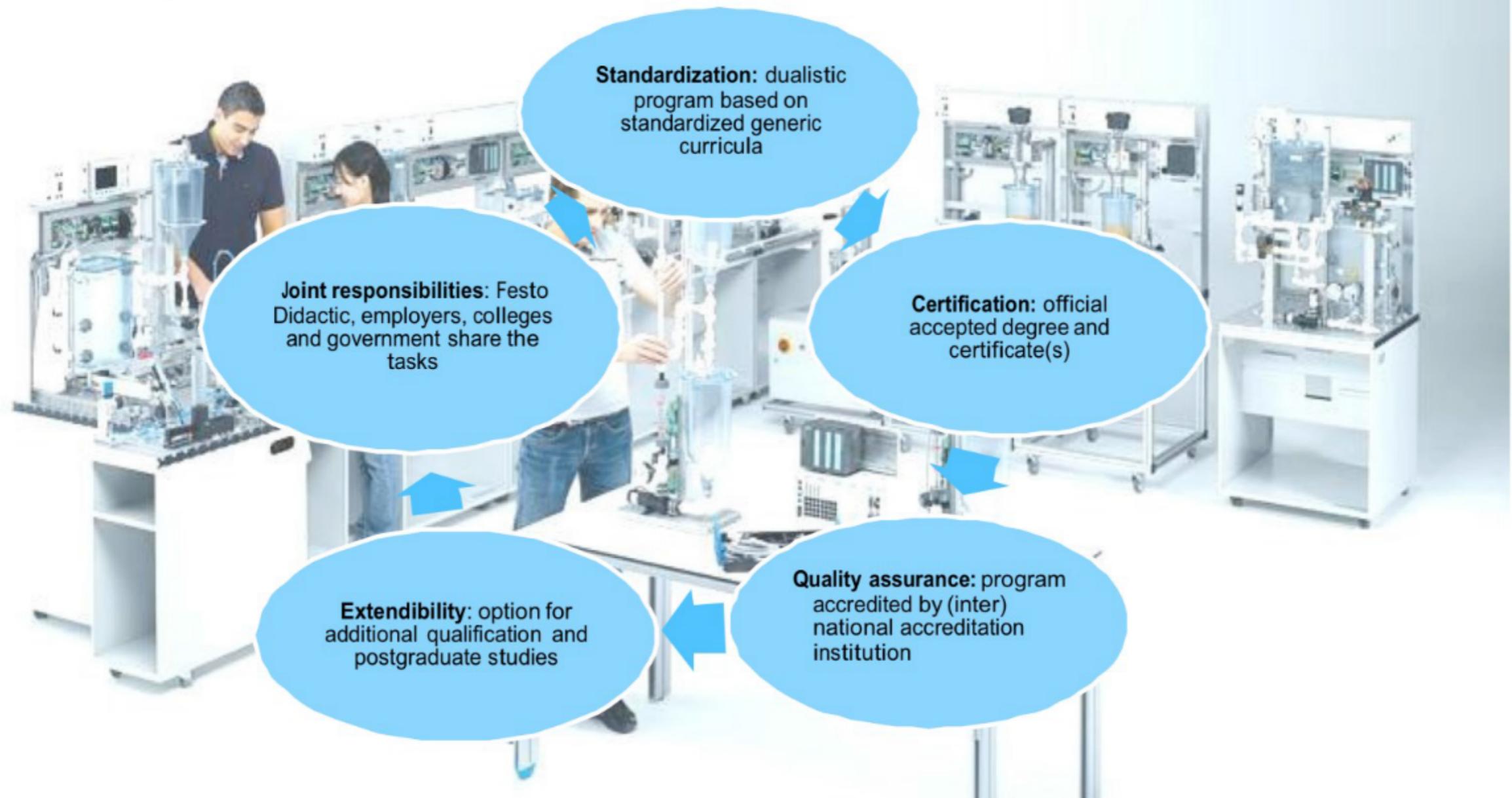
By 2020: shortage of 3 Mio.
Workers with associate's
degree and 5 Mio. with any
technical certificates!

Facts About Global Education

- **Demanded:** Next workforce generation which is able to function easily abroad and across different cultures
- **Necessary:** Understand global education to education approaches
- **Situation:** Global Manufacturers cannot find skilled labor.
- **Required:** Education and Training providers have to work with businesses to deliver appropriate a matching on-the-job and classroom training. Colleges have to recognize credits locally and abroad.
- **Result:** Succeed in a world marked by interdependence, diversity and rapid change.
- **Statement:** Internationally standardized industrial training boosts economic development, increases competitiveness and attracts foreign investments
- **Good News:** Foreign-owned companies in the area introduce and push vocational training to the next level  Training based on exchange!

Think Globally – Act Locally

Core Dual System Elements



Think Globally – Act Locally

steag
FESTO

Education and Dual Training Partner



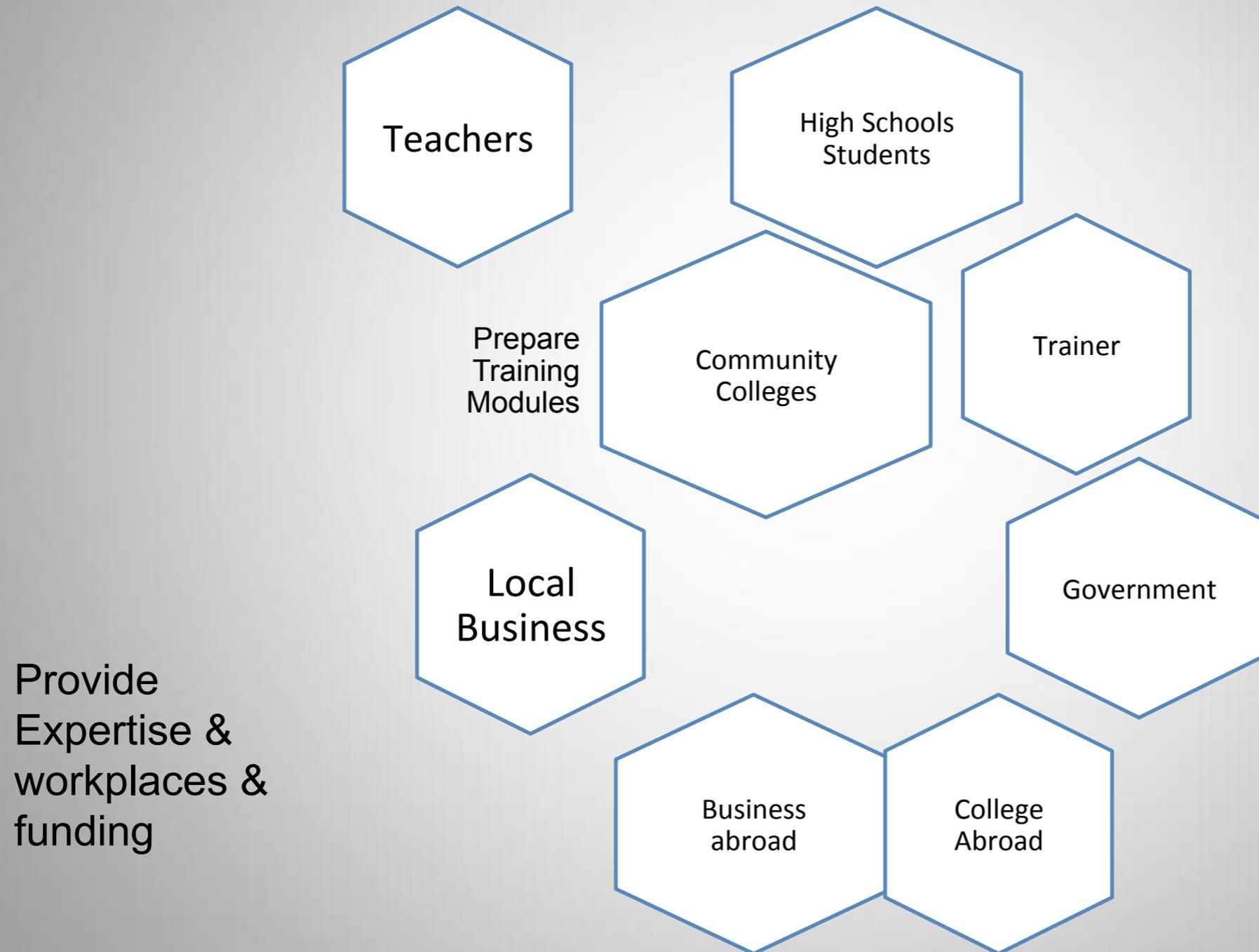
Think Globally – Act Locally

Business and Community College

Learning Center of Excellence

Dual Education	Trainer Qualification	Further Education	Consulting Services	Additional Program
<p>Apprenticeship sustainable development model:</p> <p>Mechatronics Electrical Engineering Industrial Mechanics Welding CNC Technology (Milling & Turning) Aquatronics</p>	<p>Training of trainer and teachers:</p> <p>Seminars and training programs for teacher and trainer in the fields: people, technology, organization</p>	<p>Further training for current workers:</p> <p>Short term seminars and courses up to two weeks</p>	<p>Education in-company consulting:</p> <p>Training & qualification needs analysis Educational responses and implementation</p>	<p>Involvement of third parties & local community:</p> <p>Conferences/Symposiums</p> <p>Skills Competition: Performance Center & Training Camps</p>

Collaboration in Global Education



Transforming the Community College

National Community College Picture

- 1123 community colleges in the United States
- 46% of all US undergraduates attend community colleges
- Only 25% of community colleges offer on-campus housing



Cleveland Community College

- This spring, CCC is home to 2,736 students
- Of those students, 51% are in vocational/technical fields
- CCC does not offer on-campus housing
- 78% of all students live in Cleveland County



Vocational Programs



Vocational programs:

- are career-oriented (usually hands-on trades)
- have limited general education components (usually 15 semester hours with no foreign language requirement for the degree)
- do not require an internship or apprenticeship

Benefits of apprenticeship/internship – practical work experience, “try before you buy” for the employer, often leads to a full-time position for the student



Benefits of Studying Abroad

- Exposure to another culture
- Academic commitment
- Increased foreign language skills
- Personal development
- Improved career development



- Costello, J. (2015). Students' stories of studying abroad: Reflections upon return. *Journal of International Students*, 5(1), 50-59.



Barriers to Studying Abroad

- Perceptions that studying abroad are for the wealthy; Expensive
- Not for minorities
- The unknown about the other “culture”
- Rules and liabilities for host families
- Age limits



Costello, J. (2015). Students' stories of studying abroad: Reflections upon return. *Journal of International Students*, 5(1), 50-59.



Fellowship Opportunity: CBYX

CBYX for Young Professionals is a yearlong, work/study fellowship funded by the US and German governments for participants in business, technical, vocational, and agricultural fields.



- 2 months intensive **German language training**
- **Semester at a German university/university of applied sciences**
- **5-month internship** with a German company
- German **homestays** for cultural immersion

Program Timeline: CBYX

Application Timeline

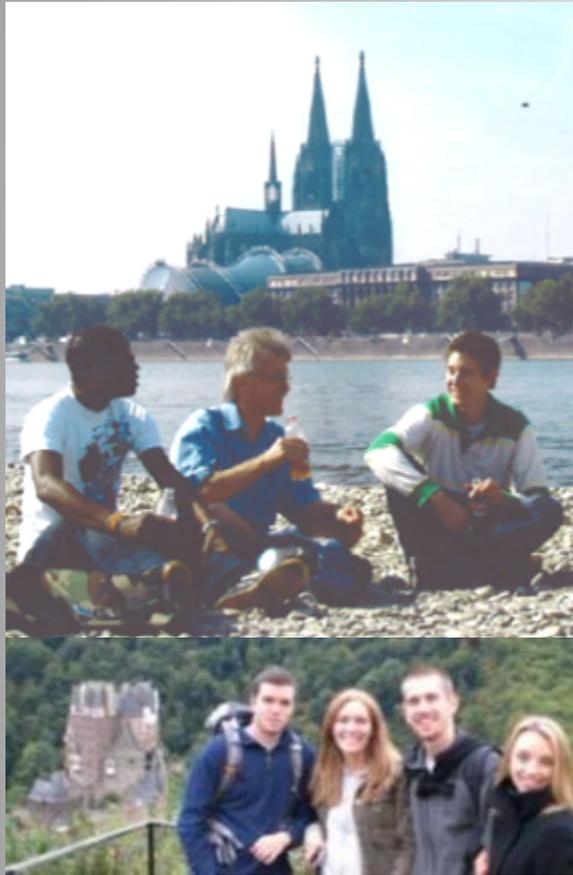
- **December 1:** Applications due
- **February:** Interviews throughout US
- **March:** Notification of acceptance
- **April – July:** Pre-departure orientation

Program Timeline

- **Late July:** Orientation seminar in Washington, DC
- **August – September:** Language training in Germany
- **October – January:** Semester at a German university/college; midyear seminar
- **February – June:** Internship with a German company
- **July:** Time for travel and final seminars



Advocacy for Funding



www.savecbyx.org

Online petition started in 2015 by German and American CBYX & PPP alumni.

Goal: restore \$4 million in funding for the 2016-2017 program year.

Legacy: 33 years of programming, supporting 700 U.S. and German participants annually.

Best Practices for a Vocational Exchange

- Develop relationships with existing industry in your community with an international presence
- Have the industry fund the exchange – pay the employee (scholarship)
- Fund living expenses (Rotary model)
- Award academic credit for the exchange

Activity

- Get in small groups (3-4 people)
- Take 5 minutes
- One idea – how can you make a vocational exchange work at your college?



Discussion & Exchange

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