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Supplier Transformation Initiative

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Sustainability/Integration Webinar August 21, 2007

Corridor WIRED Transformation Vision (from the PIP)
Integration of education, workforce and economic development systems/innovation strategies in a regional (CIC) framework





Overview:

Supplier Transformation Initiative

WIRED Projects 2.1,2.2,2.3

- History: CSA CSIBV Collaborative Objectives – determined need
 - “Smart Supplier” Training and Capacity Building
 - Common Learning Outcomes
 - Annual Space Manufacturing/Supplier Forum
- WIRED CIC Program: Smart Supplier Initiative
 - WIRED CIC 2.1 Survey Draft of Current State – 1000 suppliers via top tiers, CCCs and EDCs/WIBs
 - WIRED CIC 2.2 Define Maturity/Capabilities model
 - Define core common requirements, common language
 - Align survey with assessment content
 - Determine gaps, identify resources
 - WIRED CIC 2.3 Outreach to 3000 suppliers
 - Annual Forum – at Supply Network, training providers venues
 - ETP, ITAR, Connectory Aerospace Portal Outreach





Key Products/Deliverables Supplier Transformation Initiative WIRED Projects 2.1,2.2,2.3

- CIC 2.1
 - Survey
- CIC 2.2
 - Survey results - 1000 suppliers via top tiers, CCCs and EDCs/WIBs
 - Common Learning Outcomes
 - Gaps
 - Assessment Design
 - Resources
 - Maturity / Capabilities Model
- CIC 2.3 Outreach to 3000 suppliers
 - Annual Forum – at Supply Network, training providers venues
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Key Findings to Date

- ❑ **Characteristics of Innovation**
 - 80% of innovation coming from suppliers
- ❑ **Characteristics of Supply Transformation**
 - Early collaboration between supplier and customer, shared costs, risks, benefits
- ❑ **Issues around Talent Development**
 - Identify and train for common requirements; specific requirements to be trained by primes
- ❑ **Entrepreneurship**
 - Example
- ❑ **Global Competitiveness**
 - CA suppliers supplying globally



Key Findings to Date (cont'd)

- ❑ **Success Factors in Developing an “Innovation Ecosystem” or “Innovation Culture”**
 - **Trust, open collaboration necessary to minimize oscillation in dynamic complex supplier network**
 - ❑ **Success Factors in Developing Talent**
 - **Common learning out comes**
 - ❑ **Integration of ED, Workforce, Education**
 - **Solutions Design lab model**
 - ❑ **Regional Collaboration**
-



■ **Example**





Cross-Sustainability Project Contacts Made/Results

Which of the other Sustainability Projects have you worked with since our June 5 webinar and what discussions, alignment and/or integration has resulted?

**Results of 2.2, 2.3 will be incorporated into
1.1 – EDC tools: Assessment and resources tools**

1.3 - Suppliers in Aerospace portal

1.7 – WIB tools: Assessments and resources

3.5 – WFD leverage, industry input to educ

**3.14 - Assessment and resources tools,
models**



Cross- Project Integration Made/Results

1.0 Innovation:

1.2 - 21st Century Advanced Mfg Technician – biotech – discrete, process, info/nano

1.5 Innovation model through university internships – finding that successful innovation requires early collaboration between customer and innovator, sharing of risks, costs, requirements

2.0 Manufacturing/Supplier Transformation:

2.4 – Manufacturing Technician Certificate

3.0 WFD

3.1 Skill Requirements

3.4 Systems Engineering

3.7 Dislocated Software Engineers

3.11 Mechatronics Certificate



Sustainability Project Products/Deliverables

What products and/or deliverables would you have ready to share by Sept. 6-7 at Project Leads Meeting at the Monterey Marriott?

Survey



Project Needs/Desires

What does your project need/desire...

- From Project Leads of Sustainability Projects today?**
- From Project Leads at Sept. 6-7 Forum?**



Long – Term Revenue Strategies

What steps have you taken to identify future revenue streams to sustain the WIRED initiative(s) you are leading?

Concept of a solutions lab – where companies can try tools to solve problems, then optimize solutions for production without disruptional change to current production using talent from educational institutions, with eventual transition to industry.

- Have you identified other partners (WIRED or others)? CACT, CSLA**
- Are you interested in working on the Resource Development Task Force? YES**



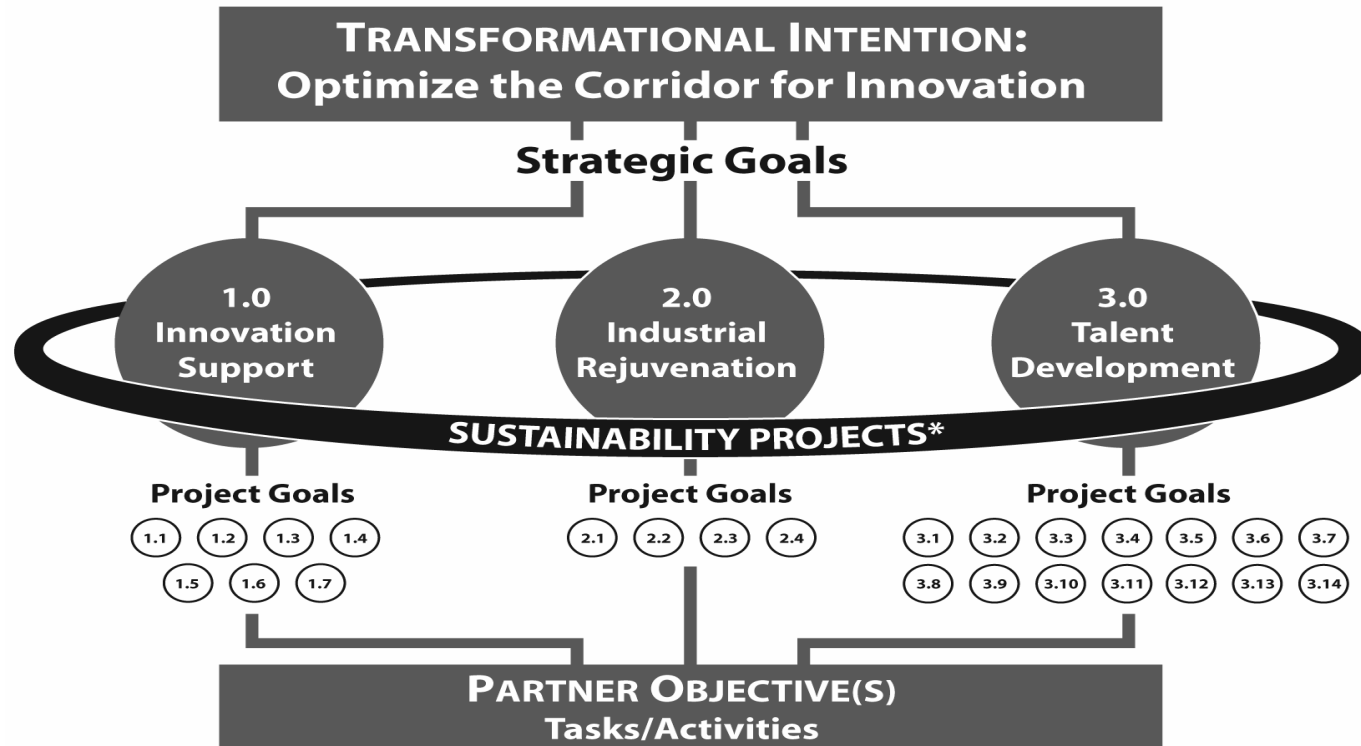
Key Corridor Conclusions at Close of WIRED

What conclusions is your project reaching about “Optimizing the Corridor for Innovation and 21st Century Workforce Development”?



California Innovation Corridor WIRED Initiative (cont'd)

CIC WIRED PROGRAM



***Sustainability projects are those projects supporting both a strategic transformational goal and the overall WIRED grant initiative as well**

