A Strong Energy, Construction & Utilities Workforce Built to Industry Standards
ONE MILLION MORE SKILLED WORKERS
ONE MILLION MORE HOMES
ONE MILLION MORE ACRE-FEET OF WATER
California Community College initiative to fund support for Career Technical Education ‘Doing What Matters for Jobs and the Economy. Calls for Making Room for CTE programs in community colleges; Giving Priority to CTE programs that help educate the local community workforce; Promote student success with clear pathways, internships, and counselling; Foster innovation for delivering CTE in a meaningful way.
40% of the workforce will retire 5 years.
Colleges - 113
Regional Chairs - 7
DSNs - 63
Sector Navigators - 10
Technical Assistance - 7
Chancellor’s Office
Priority & Emerging Sectors

- Bio Tech
- ICT Digital Media
- Global Trade
- Small Business
- Agrictrure
- Health
- Hospital Retail Tourism
- Adv Trans & Renew
- Energy Const. Utilities
Slide # 10 The Internet of things IoT

Numbers that matter:

17... $7 - $17 Trillion will be invested in IoT by 2020 according to independent world economists

50... 50 Billion Apps (applications) developed by 2020

4... $4 Trillion invested by Silicon Venture Capital in Education by 2020
17 IoT 50 4
Transformation

New York City 1903 transportation ‘horse and buggy’

New York City 1913 transportation ‘ the automobile’

A transformation at the beginning of the last century only took less than 10 years

In 2016 IoT is transforming our way of life in months! Not years.
Slide #15 picture of Old and New

Far Right The electric grid power flows one way.

In California, nearly 60,000 people go to work every day to keep the lights on, water and gas flowing, so life can go on!

Lower left 20th Century control room...top 21st century closed circuit tv online live traffic control center

Upper Left Solar and Renewable energy forcing the 20th century grid to transform and allow power to flow both ways
What We Propose

$7M to Plug new and incumbent workers into careers in:

- Heating, Ventilation, Air-conditioning, & Refrigeration (Ready)
- Building Science (Development)
- Energy Analysis & Auditing (Development)

California Community Colleges 2.1M Students 113 Colleges
Program Collaboration-Phase 3: Cross-Region Student Collaborations

Air Compressor Project
DoingWhatMATTERS.cccco.edu

ECUSectorDWM.com

EnergyOC.org
A World of Possibility
Thank You
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