WORKFORCE DEVELOPMENT
MEETING THE CHALLENGES

June 25, 2019

LOU ANNE BYNUM
COMMISSIONER
LONG BEACH BOARD OF HARBOR COMMISSIONERS

Port of LONG BEACH
The Green Port

Economic Impact to National Economy

- **30.8 million** jobs supported by cargo moving through America's deep-draft ports
- **$5.4 trillion** in total economic value (26% of the nation's economy)
- **$378 billion** in tax revenues

Source: American Association of Port Authorities

PORT OF LONG BEACH-CONNECTED JOBS

51,000 JOBS – 1 IN 5 IN LONG BEACH

575,000 JOBS IN 5-COUNTY REGION

705,000 IN CALIFORNIA

2.6 MILLION IN U.S.

Why workforce development?

- The impact of any disruption in the goods movement industry can be huge
- As jobs change, training is necessary to "re-skill" and "up-skill" the incumbent workforce
- Skilled worker retirements and turnover

PORT AUTHORITY WORKFORCE SURVEY

Port of LONG BEACH
The Green Port

Survey conducted by Kristin Decas, CEO & Port Director
The Port of Hueneme

Results provide basis of chapter of upcoming book:

Empowering the New Mobility Workforce

Educating, Training and Inspiring Future Transportation Professionals

Edited by Tyler Reeb, Ph.D.
Director of Research and Workforce Development
CSULB, Center for International Trade and Transportation

FINDINGS FROM PORT AUTHORITY WORKFORCE SURVEY

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- Question: Do you believe that the future workforce benefits from being involved in training programs (apprenticeships, internships, certification programs, etc.) while they're still in high school or enrolled in a college/university?

- Response:
  - 100% of the respondents answered with an overwhelming "Yes"

Source: Kristin Decas, Port of Hueneme, and Dr. Tyler Reeb, Center for International Trade and Transportation

FINDINGS FROM PORT AUTHORITY WORKFORCE SURVEY

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Question: Please let us know what you currently observe to be the **greatest skills gaps**? (Administrative, labor, communication, technical, etc.)

Responses:

- Advanced technology for skilled labor such as zero and near zero technologies
- Rapid changes in technology with low adaptability to baby boomers
- Advanced vocational skills at the entry level and knowledge of supply chain economics

Source: Kristin Decas, Port of Hueneme, and Dr. Tyler Reeb, Center for International Trade and Transportation

FINDINGS FROM PORT AUTHORITY WORKFORCE SURVEY

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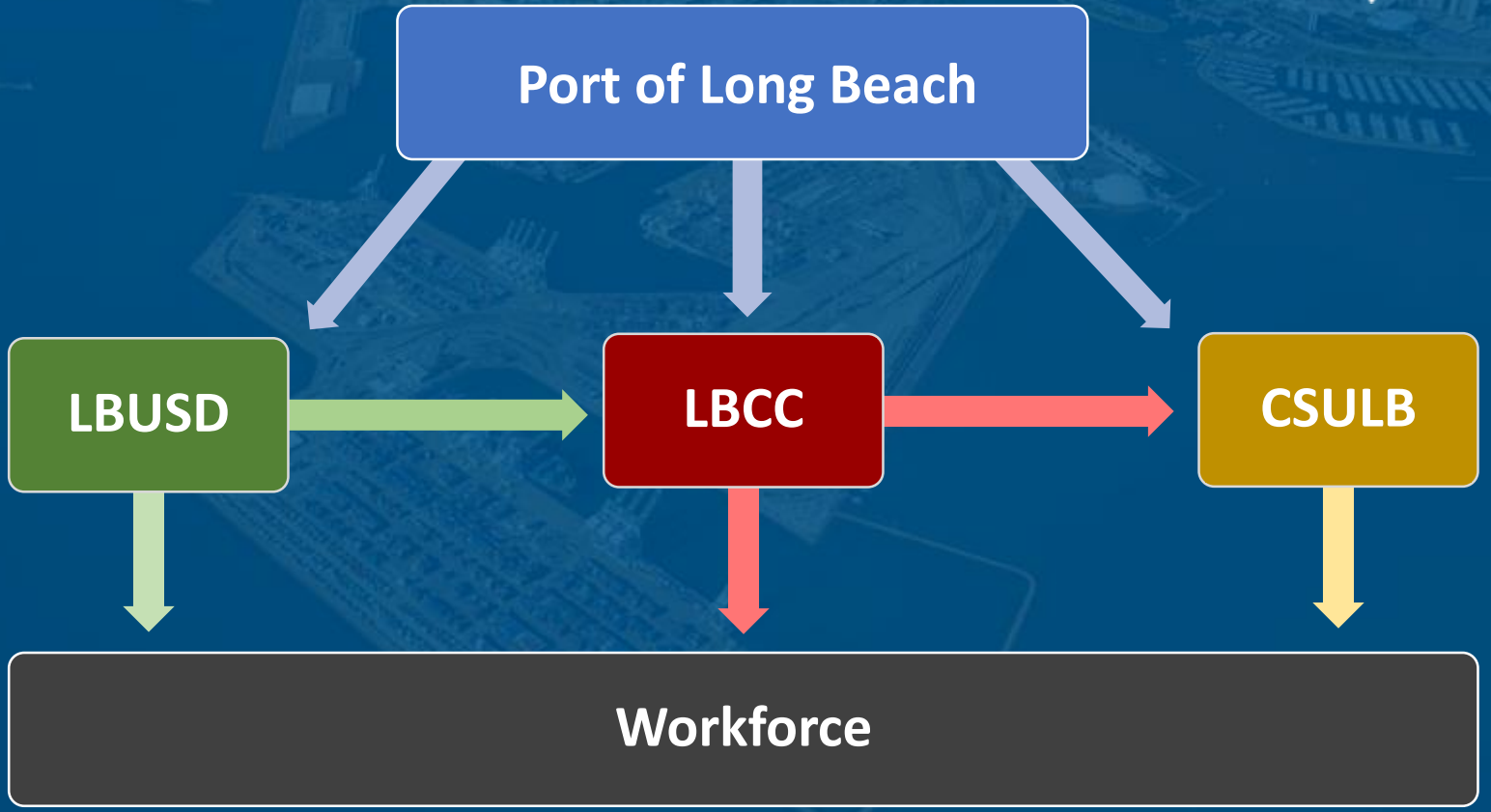
- Question: When you consider the jobs of the future and where our industry is headed, what are some of the most important workforce skill-sets that you are looking for in your growing organization?

- Responses:
  - Specializations in artificial intelligence, block chain, internet of things and cyber security
  - Computer skills are going to be the norm as we move more functions towards an automated structure
  - Vessel transportation logistics, grant writing and project management

Source: Kristin Decas, Port of Hueneme, and Dr. Tyler Reeb, Center for International Trade and Transportation

Workforce Development Pipeline



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