

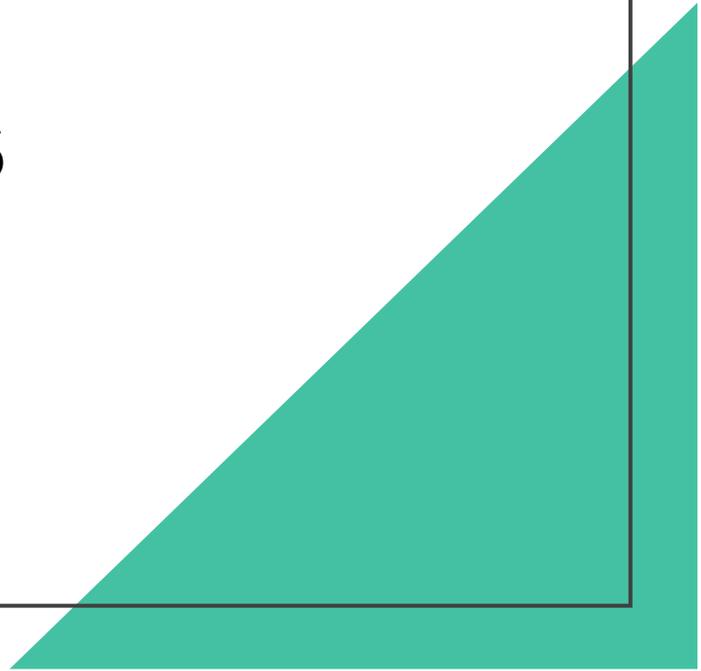


WASHINGTON
STATE CENTERS *of*
EXCELLENCE

Washington Public Ports Association Conference

December 7, 2023

Ann Avary, Center of Excellence for Marine Manufacturing & Technology



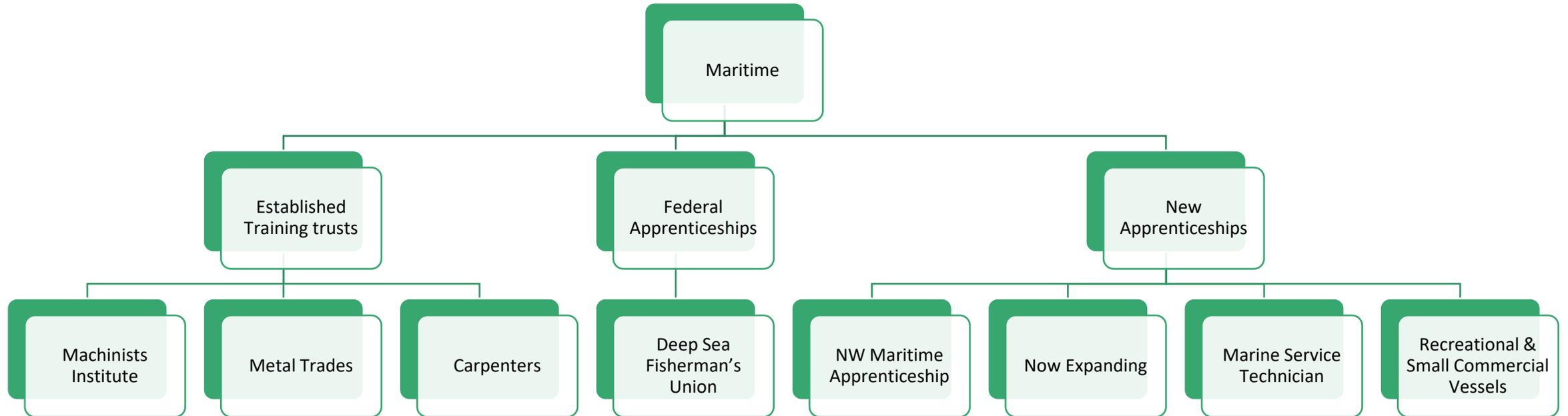
Centers of Excellence & Registered Apprenticeship

- Center engagement with registered apprenticeship varies by industry sector.
- Centers actively involved with registered apprenticeship include Construction, Energy, Allied Health, Aerospace and Maritime.
- Often act as a resource, linking parties to L&I, training trust, other appropriate organization, or subject matter expert.



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Centers & Registered Apprenticeship





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- Aerospace & Advanced Manufacturing (Everett)
- Agriculture & Natural Resource (Walla Walla)
- Allied Health (Yakima)
- Careers in Education (Green River)
- Clean Energy (Centralia)
- Construction (Renton)
- Cybersecurity (Whatcom)

- Global Trade & supply Chain Management (Highline)
- Homeland Security-Emergency Management (Pierce)
- Information & Computing Technology (Bellevue)
- Marine Manufacturing & Technology (Skagit)
- Semiconductor & Electronics Manufacturing (Clark)

www.coewa.org

About the Centers of Excellence

- **Bridge the gap between industry, education, labor, and leadership in Washington State.**
- Centers connect education with industries from all areas of the state to inform the creation of a robust, resilient, and diverse workforce.
- Each Center has an active, industry led advisory committee.
- Chmura Data Analytics – research function.
- Track and inform regarding emerging technologies.
- Direct engagement with
 - Industry/industry associations/standards organizations
 - Labor
 - Education & Apprenticeship
 - Workforce & economic development partners
 - Local/state/federal agencies & legislative partners
 - Ports
 - Community Based Organizations

Marine Center of Excellence

- Consistent industry outreach
- High demand skills
 - Electrical
 - Propulsion
 - Engineering
 - Aluminum welding
- Professional development for industry, faculty & students
 - Yamaha Motor Sports
 - National Marine Electronics Association
- Support new marine technology/maritime program development
 - K12
 - Peninsula College
 - Edmonds Community College
- MARAD Domestic Maritime Workforce Centers of Excellence
 - Alliance of seven community colleges & one training provider

Career Connect Washington

- Spring 2022, Named Maritime Sector Lead
- 139 statewide maritime stakeholder group (industry, labor, CBO's, non-profits, ports, economic and workforce development)
- Created an industry driven statewide maritime sector workforce strategy
 - Maritime career pathways
 - Awareness and access – emphasis on underinvested and rural communities
 - Awareness campaign to communicate the value of maritime careers more effectively
 - Identify, map and target geographic gaps in maritime programming statewide

CCW Work & K12 Alignment

- Actionable projects informed by industry
 - K12 Externship Project
 - Expanded Pathways
 - Maritime Sector Navigation Guides
 - K5/8/12 exploration modules
 - All Work is open-source
- K12 initiatives
 - Vancouver Public Schools
 - Maritime Program



NCTA Student Onboard USCGC Sea Lion

Thank You!

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for
Marine
Manufacturing & Technology