

RESKILLING AND UPSKILLING RESOURCES FOR PORT EFFICIENCY

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ABSTRACT

Industry 4.0 is revolutionizing all sectors including maritime and has a powerful impact on globalization by increasing access to new skills and knowledge. The World Economic Forum estimates that, by 2025, 50% of all employees may need reskilling due to adopting new technology. Five to ten years to twenty from now, over two-thirds of skills considered important in transport and port logistics may change. The challenge lies therefore in how to prepare today for that future world of work in identifying essential skills consisting of technology competencies not yet regarded as crucial to today's job requirements within port logistics. Efforts should be taken to therefore create new out-of-the-box-thinking learning opportunities, such as reskilling and upskilling, accessible, available, and affordable to the workforce. This presentation provides a unique perspective regarding a future-ready learning society as an essential integral of the vision of Industry 4.0 within transport and port logistics.