



FUTURE 4.0



FUTURE 4.0 Final Public Event
GoToWebinar - December 17, 2020



**Veneto region Local Pilot Action:
Best Practices**



Gabriella Bettiol



CONFINDUSTRIA
Veneto SIAV S.P.A.

AWARENESS BEST PRACTICE



*Seminar “**DIGITAL TECHNOLOGIES 4.0 FOR THE NAVAL INDUSTRY, THE SHIPBUILDING AND THE RELATED SUPPLY CHAIN**” - 29.11.2020*

Knowledge transfer on technologies 4.0 & their potential applications into Naval sector



Prof. Alessandro Beghi:
University of Padova, Department of
Information Engineering and Scientific
Director of the Regional Innovation
Network IMPROVENET-ICT

Analysis of companies' perception related to 4.0 technologies: Card Game Analysis



Prof. Gianluca Toschi:
University of Padua, Department of
Economics and Management and
Fondazione Nord Est think tank

AWARENESS BEST PRACTICE



Seminar “DIGITAL TECHNOLOGIES 4.0 FOR THE NAVAL INDUSTRY, THE SHIPBUILDING AND THE RELATED SUPPLY CHAIN” - 29.11.2020

Focus on **Cloud and Cybersecurity** through **FUTURE 4.0 Platform**



Claudio Beltrame:
Confindustria Veneto SIAV
ICT Manager



Tomaso Santi:
Cyber Security experts

AWARENESS BEST PRACTICE

Seminar “DIGITAL TECHNOLOGIES 4.0 FOR THE NAVAL INDUSTRY, THE SHIPBUILDING AND THE RELATED SUPPLY CHAIN” - 29.11.2020



**Involvement & Networking with
 12 SMEs - mostly shipyards -
 and 20 stakeholders**

TRANSFORMATION BEST PRACTICES

In-company action **“VENEZIA TERMINAL PASSEGGERI S.P.A.”**



- *VTP founded in 1997 by the Venice Port Authority*
- *It manages 10 multifunctional terminals, 1 provisions storehouse, 6 parking lots and 7 quays*
- *Provider of high quality services to any ships (cruise, hydrophoils, catamarans) calling at the Port of Venice*

**CYBER SECURITY FOR
INTERNAL LOGISTIC
PROCESS MANAGEMENT**

FOCUS OF EXPERIMENTAL ACTION:

**Knowledge Transfer on
Cyber Security applied to
Maritime sector**

- **Cyber Risks** related the marine environment
- **Risk Assessment & Business Impact Analysis**
- **Information Security Governance**
- **European and International regulations** in the field of Cyber-Security



MAIN RESULTS

**Involvement of 4 VTP'
IT Area Managers**

**Development of a Recovery Plan
from potential Marine Cyber-Attacks**

TRANSFORMATION BEST PRACTICES

In-company action “CONEPO SERVIZI SCARL”



- *One the most important private company and operator of environmental services and transport*
- *It is specialised in the management, take-away and transport for disposal and recycling of all types of waste produced by cruise ships and transport of goods parked in the port of Venice and Marghera*
- *CONEPO has launched the campaign MAKE THE DIFFERERECE - to raise awareness of environmental protection and responsible actions in terms of sustainability*

**DIGITALISATION OF
LOGISTIC FLOW**

**IT WASTE MANAGEMENT -
OPTIMIZATION IN A GREEN
PERSPECTIVE**

TRANSFORMATION BEST PRACTICES

In-company action “CONEPO SERVIZI SCARL”

EXPRESSED NEED: *the company's activity consisted in recording still on PAPER the quantities of waste taken from ships by Conepo vehicles in the performance of the normal service*

FOCUS OF EXPERIMENTAL ACTION:

Knowledge Transfer on Cloud & Automation for Maritime Waste Management

- **Digitalisation** of the data collection of **the waste collection service**
- **Automation of document management**, from initial data to invoicing, **linking it to** the service and **traceability of the goods transported and / or stored**
- Start the development of a **web application** allowing CONEPO to **enter the information on waste services at the terminal** and to use the information for all needs without having to retype or import data



MAIN RESULTS:

Involvement of the Top Manager + 3 HR: Operations, Sales and Administrative Managers

CONEPO great propensity to Industry 4.0 for process and service innovation

Increased sensitivity to energy saving, reduction of emissions and proper disposal of waste

TRANSFORMATION BEST PRACTICES

In-company action “CANTIERE NAVALE VITTORIA SPA”



- *Vittoria Shipyard was created in 1927 through the initiative of the family Duò, the soul of the Vittoria Shipyard*
- *Vittoria Shipyard works in all sectors of naval construction, with a production of more than 800 boats such as: cargo-boats, fishing vessels, tankers, dredgers, ferry boats and passengers ships*
- *LEADER IN SECURITY: Vittoria Shipyard's security boats are the flagships chosen by police and coast guards of many Mediterranean countries*

**DIGITALISATION OF
LOGISTIC FLOW
AND WAREHOUSE
OPTIMIZATION**

**HUMAN RESOURCES
DEVELOPMENT**

TRANSFORMATION BEST PRACTICES

In-company action “CANTIERE NAVALE VITTORIA SPA”

EXPRESSED NEED: *redundant internal procedures: difficulty of tracking materials from the moment they were delivered by suppliers and orders fragmentation*

FOCUS OF EXPERIMENTAL ACTION:

**Analysis and Digitalisation of
Internal and Logistic
Processes**

- **Analysis of some key internal procedures:**
 - Purchase requests
 - Purchase of materials
 - Storage flows of incoming materials
 - Withdrawal operations for production
- **Revision of warehouse layout** for improving operational performance and reduce some waste of time and space
- **Improvements identified:**
 - Development of a web platform where the suppliers can see the stock available and restore the materials
 - Use barcode identification systems and radio frequency readers for greater traceability

TRANSFORMATION BEST PRACTICES

In-company action “CANTIERE NAVALE VITTORIA SPA”

MAIN RESULTS:

Reorganisation
& Optimization of
CANTIERE NAVALE
VITTORIA warehouse

Commitment of the CANTIERE
NAVALE VITTORIA top
management with the
involvement of 3 CEOs

Rationalisation of
Internal Processes,
especially the purchases
ones

+ 4 HR: HSE, IT, Quality and
Purchasing Managers





Thanks for the attention!



Ms Gabriella Bettiol
Factory of Knowledge Unit - Confindustria Veneto SIAV S.p.A.



Website www.siaav.net | www.factoryofknowledge.net



Mail gabriella.bettiol@siaav.net area.progetti@siaav.net



Phone +39 041 2517507 | 511



https://twitter.com/SIAV_VE



<https://www.linkedin.com/company/confindustriavenetosiaav/>

