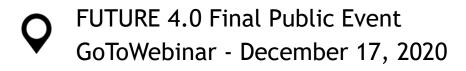


European Regional Development Fund - Instrument for Pre-Accession II Fund







Veneto region Local Pilot Action:
Best Practices



Gabriella Bettiol







# **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**



### 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



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



In-company action "VENEZIA TERMINAL PASSEGGERI S.P.A."



### **FOCUS OF EXPERIMETAL 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



In-company action "CONEPO SERVZI 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 DIFFERECE 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



In-company action "CONEPO SERVZI 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 EXPERIMETAL 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

Amministrative Managers

to Industry 4.0 for process and service innovation

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



**FUTURE 4.0** 

# 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



### 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 EXPERIMETAL 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



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!

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

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