

S4 IN FRIULI VENEZIA GIULIA REGION

Maritime Technologies

22° June 2022

BULGARIA'S BLUE ECONOMY INNOVATION AND
DIGITALISATION –
TOWARDS HIGHER RESILIENCE

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ITALIAN MARITIME REGIONAL CLUSTERS



mare FVG
Technology Cluster



Geographic area:
7.845 km²

Resident population:
1.198.753 (2020)

A FAVORABLE CONTEXT FOR INNOVATION:

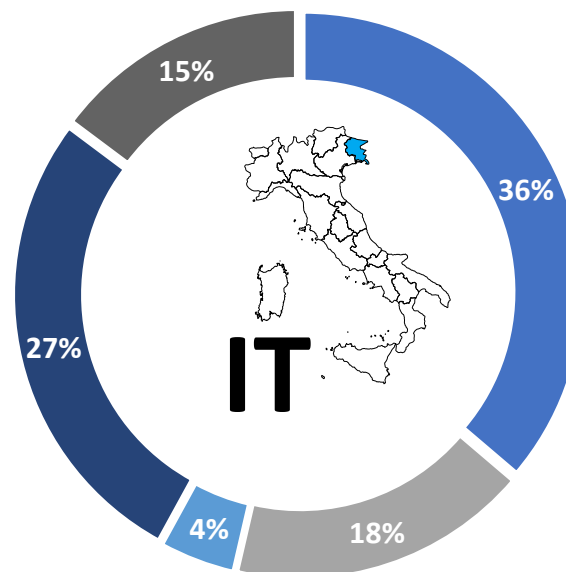
- At the heart of Central and South East Europe
- Important science and technology hub
- A network of public and private research centers (SiSFVG)
- Regional policies focused on internationalization

Since 2012
PUBLIC > PRIVATE
NO - PROFIT

CO-FUNDED BY
REGION FRIULI
VENEZIA GIULIA

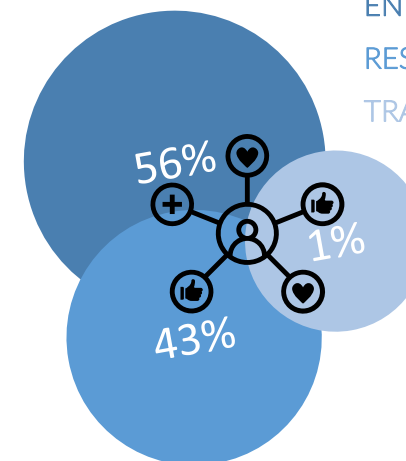


Courtesy: Fincantieri



- SHIPBUILDING
- BOATBUILDING
- TRANSPORT
- OFFSHORE
- LOGISTIC AND SHIP AND NAUTIC SERVICES

48 SHAREHOLDERS
29 MEMBERS
200 STAKEHOLDERS



ENTERPRISES
RESEARCH
TRAINING & EDUCATION



FVG MARITIME SECTORS



Cruise ships



Pleasure Yachts



Marinas



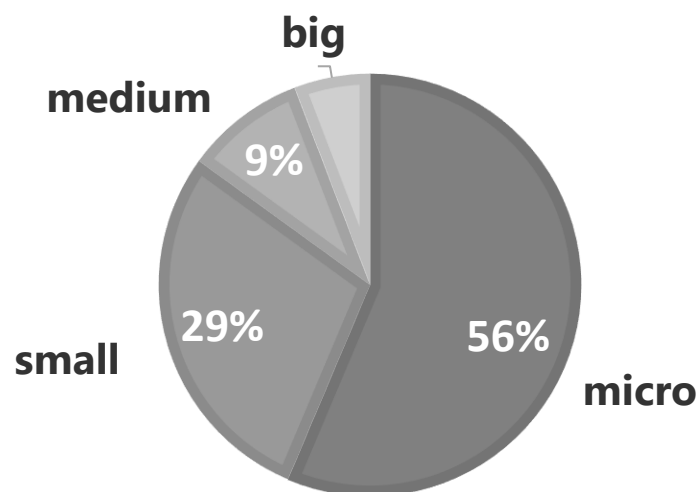
Refitting and
maintenance



Maritime transport



Offshore systems



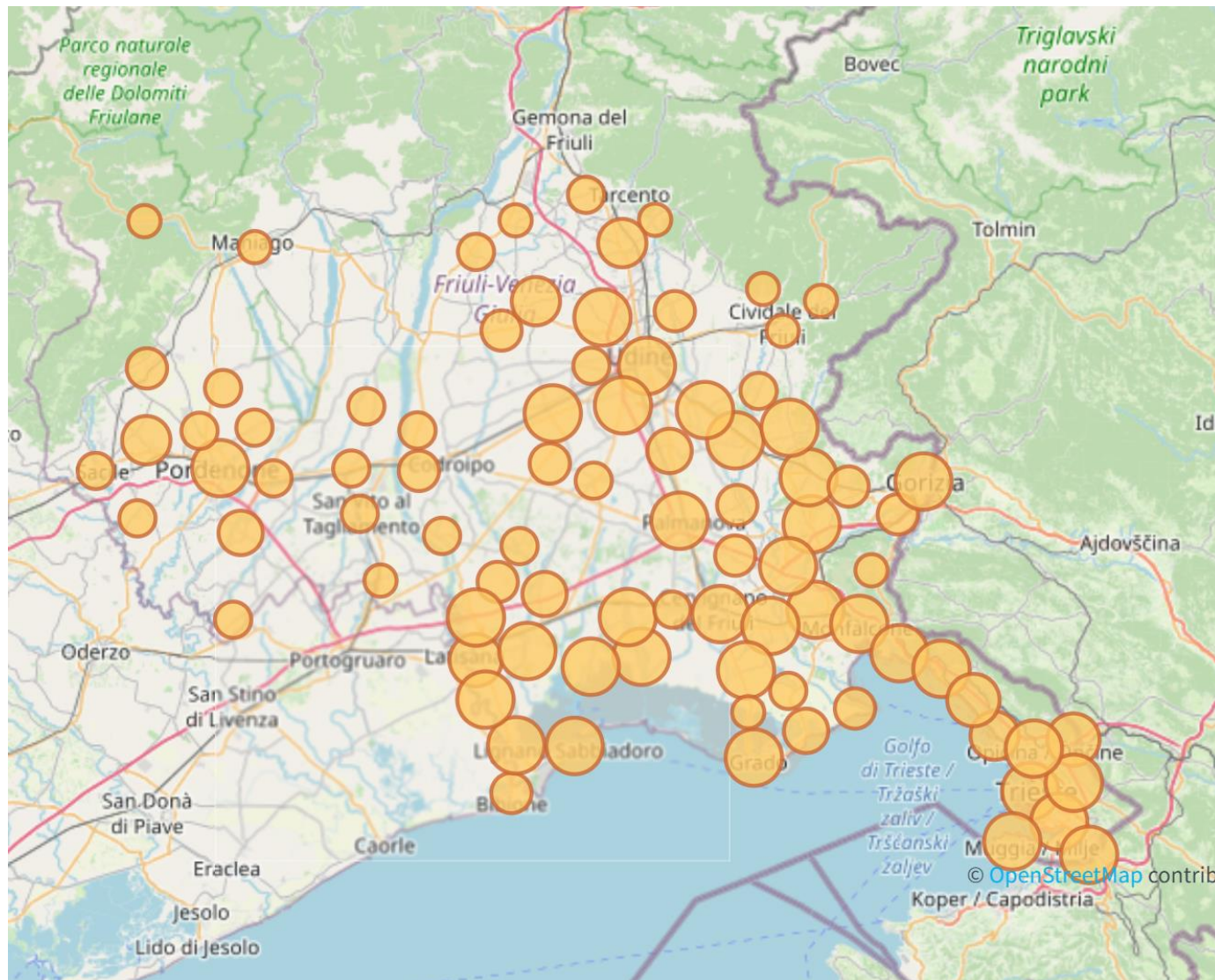
1306
EXISTING
BUSINESSES
IN THE REGION
ACTIVE IN THE
MARITIME

>12.000 WORKERS



M.IND (Maritime INDustry)

MARITIME SECTOR PLATFORM FVG



1306

EXISTING
BUSINESSES

739

CATALOGUED

218



BUILDING

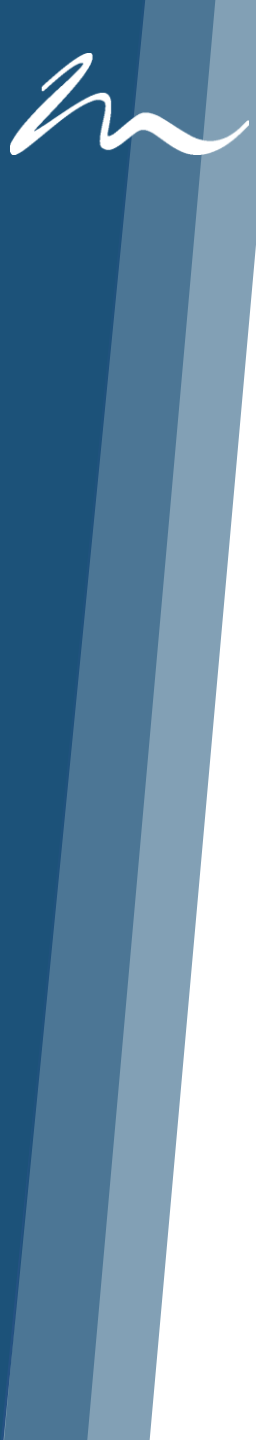
173



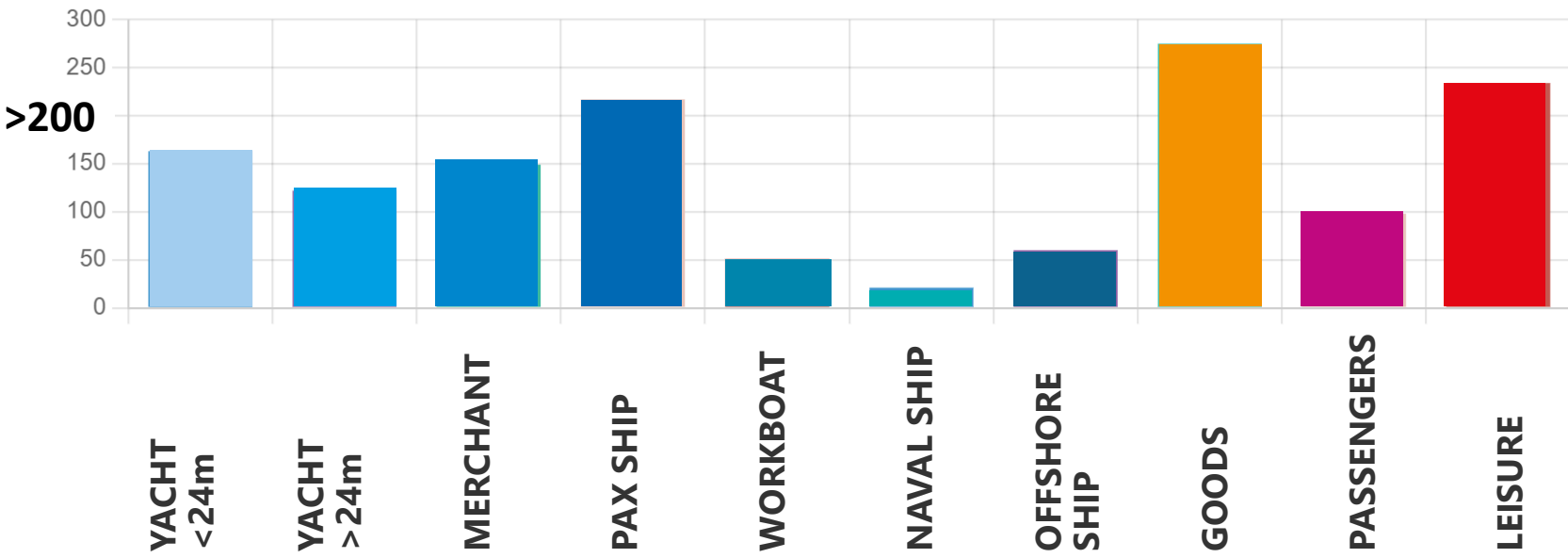
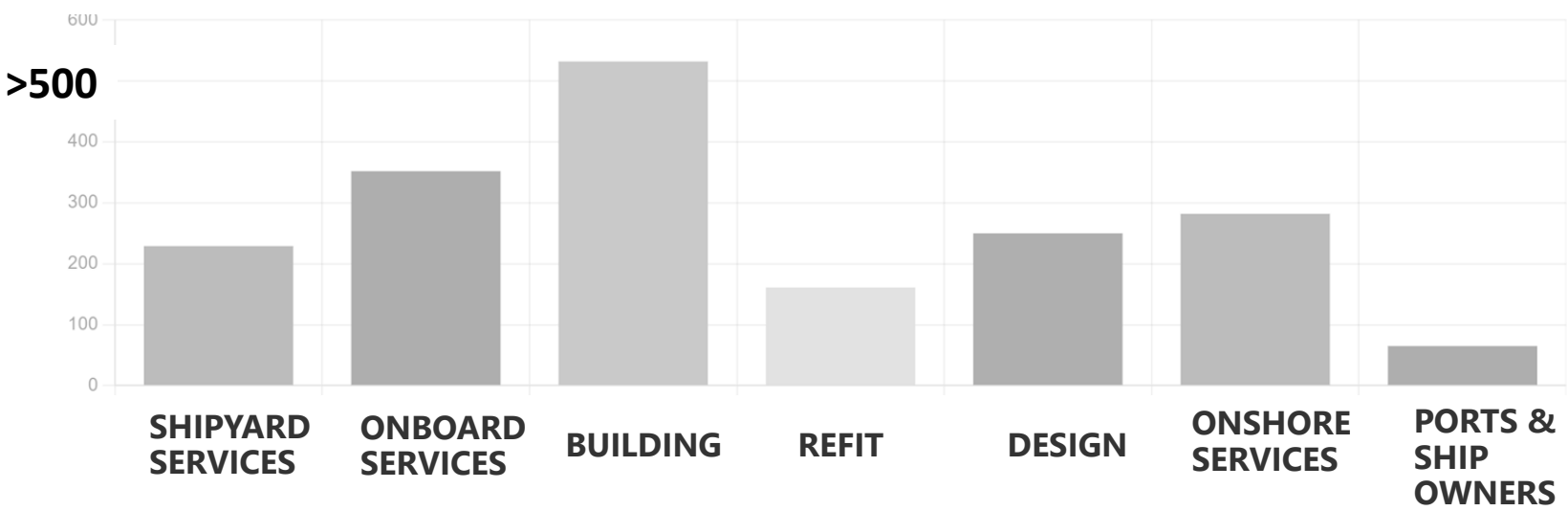
348



OPERATIONS



FVG MARITIME CLUSTER IN NUMBERS





S4 2021-2027

REGIONAL VISION AT 2030



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA

EXPECTED CHANGE

A transformed productive system: more innovative, resilient and sustainable, also from a social point of view





S4 2021-2027

5 AREAS 24 TRAJECTORIES



1. Energetic transition, Circular economy and
Environmental sustainability (4)

2. SmartFactory, Sustainable development of the
Made in Italy (5)

3. Maritime technologies - Sustainable Waterborne
Mobility and its land connections (3)

4. Health, Quality of life, Agrifood and Bioeconomy (7)

5. Cultural heritage, Design, Creativity, Tourism (5)

Full consistency with:

- National S3
- NRRP
- European industrial ecosystems
- 2030 UN SDGs



S4 2021-2027

Sustainable Waterborne mobility and
its land connections



1. GREEN MOBILITY

technologies, systems and solutions for the sustainable production and operation of vessels, and for ports and marina

2. SMART MOBILITY

smart technologies, systems and solutions for vessels, shipyards, ports and their land connections

3. SEA MADE IN FVG

technologies, systems and solutions to improve competitiveness and resilience of local maritime ecosystem

2014-2020 differences:

- **sustainability as a constant**
- **opening towards ashore connections**
- **more resilience concepts**

2014-2020 common points:

- **In-depth EDP finding significant critical mass**

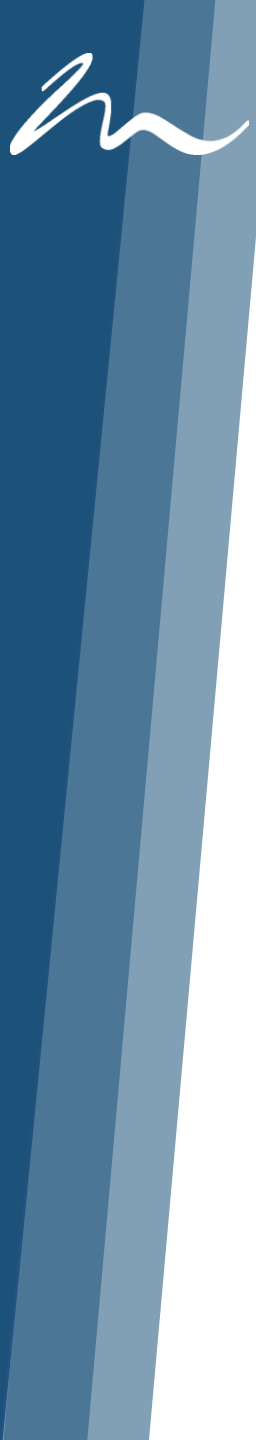


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EDP

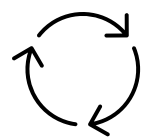


1. Regional government activated **8 working groups**, asking relevant local actors to lead
2. Lists of invited stakeholders provided to Regional Government by leaders
3. 3 public meetings organized by Regional Government (Oct 2020, Dec 2020, Jan 2021)
4. The working group on “**Sustainable waterborne mobility and its land connections**” – led by mareFVG - activated:
 - a. **1 online survey** (Jul 2020), distributed to about 500 companies (17% answered)
 - b. **Initial concept note** for the Regional Government with results of the survey (Sep 2020)
 - c. Establishment of the **Working Group and organization of 5 virtual meetings** (from Sept to Dec 2020) with an average number of participants of 23 and balanced type of stakeholders
 - d. **Confirmation survey** with the proposal of the working group (Nov 2020)
 - e. **Final note** for the Regional Government (Jan 2021)



S4 2021-2027

ACTIVITIES IMPLEMENTED



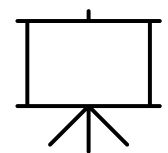
PROJECT MANAGEMENT
of **34** R&D projects



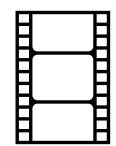
Calls for solutions
141 PROPOSALS &
23 IDEAS



5 ROADSHOWS



Catalogue of **6** SCHOOL LABS



25 PARTNERSHIPS ACCESSED
FUNDING



1306 BUSINESSES
MAPPED



MARITIME TECHNOLOGY CLUSTER
OF FRIULI VENEZIA GIULIA

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