



SUSTAINABILITY REPORT

PORT OF PORI LTD



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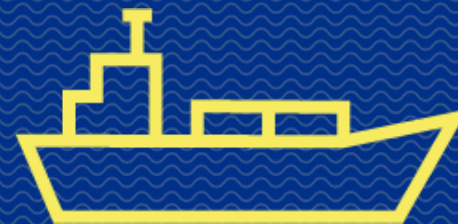
PORT
CLEVER MOVE
PORI

“Our vision is to be the sustainable platform for any industrial clients, creating sustainable solutions essential to a better and safer environment for our mutual benefits.”



15,3_m

SUSTAINABILITY AT PORT OF PORI



Full service solution

Port of Pori consists of three ports: the Mäntyluoto port area, Tahkoluoto deep-water port area, and Tahkoluoto chemicals harbour. The Port of Pori is a partner capable of serving any vessels sailing the Baltic Sea – a truly universal port experienced in processing of all types of cargo.

We mainly transfer dry and liquid bulk products, energy and recycling related cargo, large and heavy project cargoes, and sawn goods/forest industry products.

The Port of Pori is among the deepest ports in Finland (draught 15.3 m), which ensures its customers significant advantages, particularly as regards transport and handling of large cargo volumes. Operators in Port of Pori are able to offer most versatile port equipment in Finland, all the way to 280-tonne lifting operations.

Our core services include:

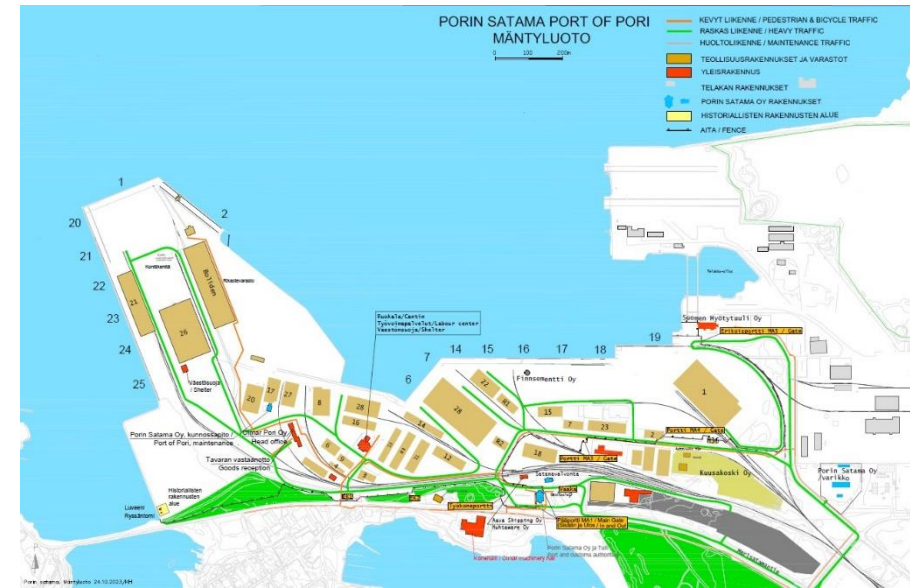
- conveyor services
- plot rental and maintenance
- traffic and security services

Our operational environment

The port operates at the industrial environment, rather small residential zone in the Mäntyluoto neighbourhood.

The port is located about 20km away from the city, next to the open sea.

The soil at port area is old bottom of the sea, the water being brackish water due to the river passing by the port.



The goals of Port of Pori Ltd

The objective of the operation of Port of Pori Ltd is to develop and maintain preconditions to regional, port-related industrial and commercial goods traffic in a sustainable and profitable manner.

Our goal is a safer, more efficient and functional port. Competition, environmental and safety requirements induce changes and accelerate development. Flexibility is among our strengths. Our decision-making is forward-looking and based on combination of the owner's and port's strategies.

Customer satisfaction is one of the measures of our quality. The most important factor influencing quality is professional and well-motivated personnel devoted to continuous improvement of the quality of operation, with the aim of achieving enduring customer satisfaction. We continually develop our operations based on customer feedback and our own evaluation.



SUSTAINABILITY AT PORT OF PORI



Environmental policy

The operation of Port of Pori Ltd is based on ISO 9001, 14001, 45001 and standard certifications, as well as on the laws and regulations of the European Community and Finland.

Port of Pori Ltd is owned 100% by the municipality of Pori and committed to the strategic environmental alignments set by the owner.

Compliance with the standards ensures achievement of our quality, environment, and occupational health and safety goals, as well as ongoing improvement.

SUSTAINABILITY AT PORT OF PORI



Staff policy

Occupational health and safety management is an essential constituent of quality. Through safety management, Port of Pori Ltd strives to ensure the continuity of its business by protecting the staff and all stakeholders against damages and accidents.

Port of Pori Ltd supports recreational activities, promotes physical activity, and focuses on the prevention of occupational burnout of the staff, as well as improves the preconditions to occupational health and safety, protection, and management.

Our staff is committed to our operational policy, which is actively implemented and maintained.

THE BUSINESS MODEL

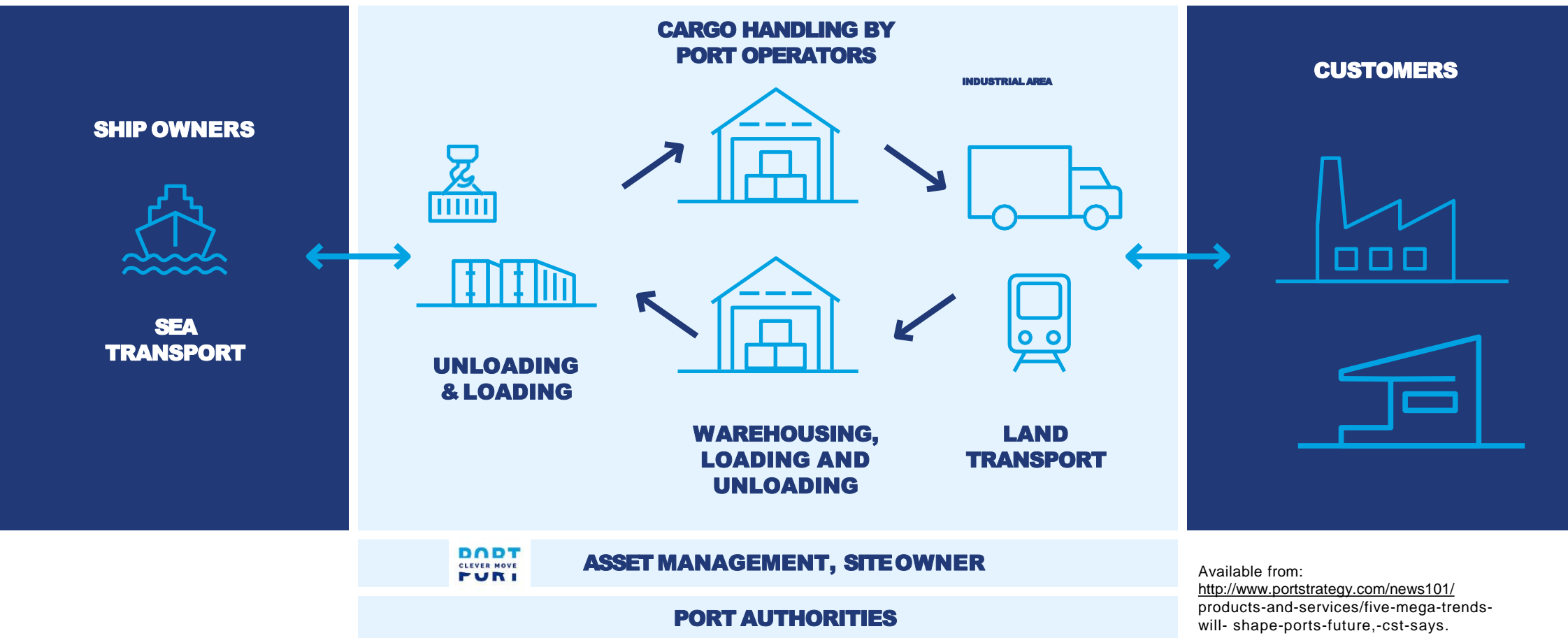


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**FIVE MEGA TRENDS
THAT WILL SHAPE THE
PORTS FUTURE**

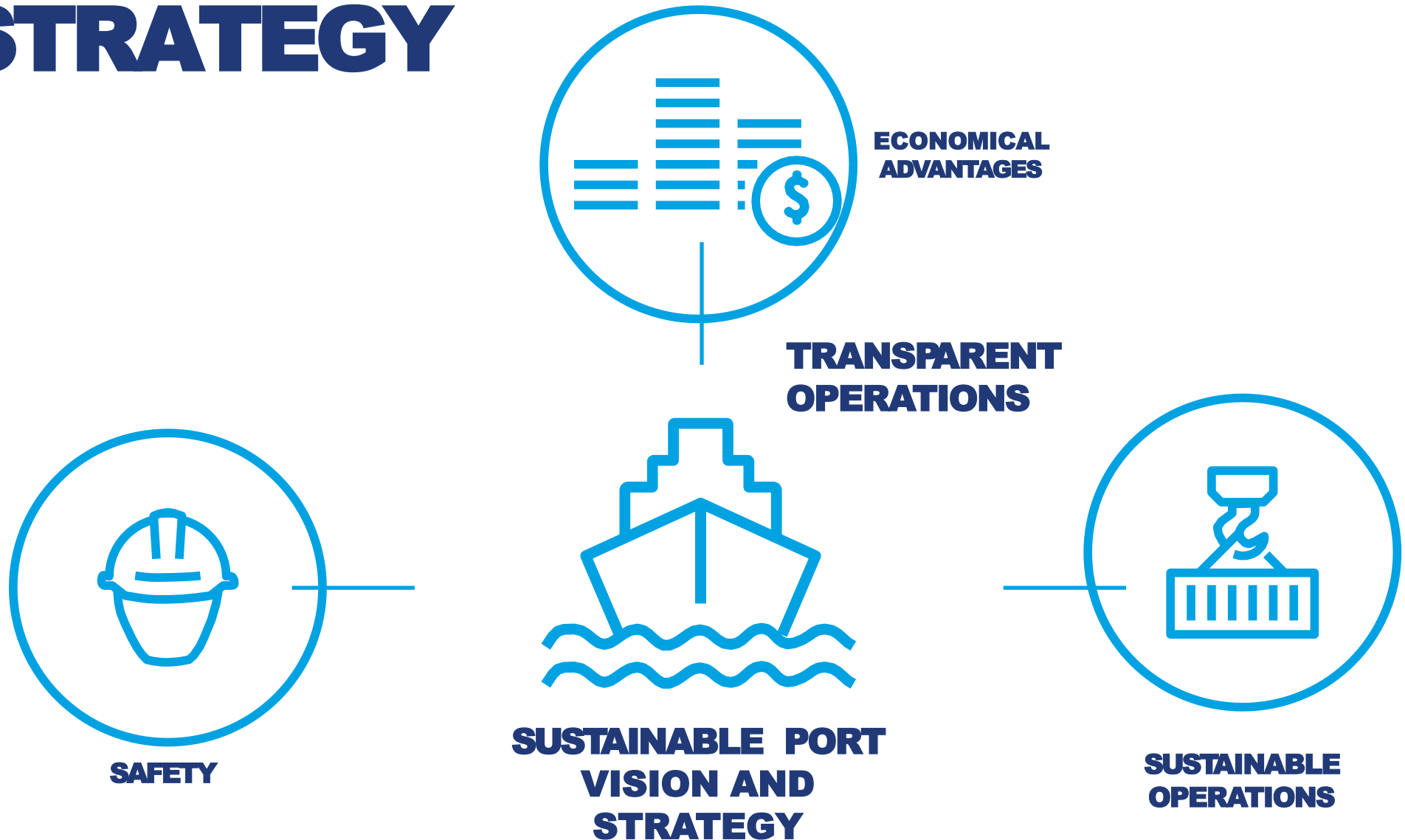
- **SCALE**
- **SPEED**
- **SAFETY**
- **SUSTAINABILITY**
- **SMARTNESS**

PORT OF PORI AREA



Available from:
<http://www.portstrategy.com/news101/products-and-services/five-mega-trends-will-shape-ports-future,-cst-says>.

SUSTAINABLE PORT STRATEGY



SUSTAINABLE PORT STRATEGY



SUSTAINABILITY AT PORT OF PORI



- Finance and Investments the key resources needed to successfully implement sustainable targets with the industrial partners, is it then increasing safety or reducing emissions.

The port, together with its partners, is performing the sustainability.

- Education and Training of the human capital, working with the partners to implement sustainability into education systems and working policy at all levels
- Through developing strategies, designing and implementing initiatives for people by developing the sound and sustainable policy, businesses and other stakeholders on board, helps the port successfully carry out sustainability.
- Sustainable Technology and Energy is another key focus of the port. In the field of sustainability, the port develops and supports programs in providing technologies, products and services which help increasing the competitiveness in Baltic Sea region and achieve the competitive advantage.
- As the owner of the port (City of Pori) is the member of HINKU Network (<http://www.hiilineutraalisuomi.fi/en-US>) towards carbon neutral municipalities, the port as the subsidiary is committed to energy saving and is now creating a sustainable strategy of its' own.

SUSTAINABILITY AT PORT OF PORI



- **Port of Pori is strongly developing its environmental management system involving both reporting and communication with different stakeholders**
- **Environmental and safety at Port of Pori is based on DNV certification system**
- **This applies for ISO14001:2015, ISO 9001:2015 and ISO 45001:2018 standards. Certification audit last time in June 2023.**
- **The operations are being developed continuously with the environmental and safety programs, including both internal and external audits**

YEAR 2022 IN NUMBERS



STAFF MEMBERS

25



SHIPS VISITED

514



CARGO VOLUME

4,83

MILLION TONS

Electricity consumption 4 777 Mwh

Water supplied for ships 7 959 m³

RECEIVED WASTE 2022

Energy 91,98 t

Glass 10,40 t

Paper 7,14t

Batteries 258 kg

Paint 2,89 t

Medicine 0 kg

Fluorescents 197 kg

Solvents 97 kg

WORK, ENVIRONMENT AND QUALITY SAFETY

Accidents 2022 2 pcs

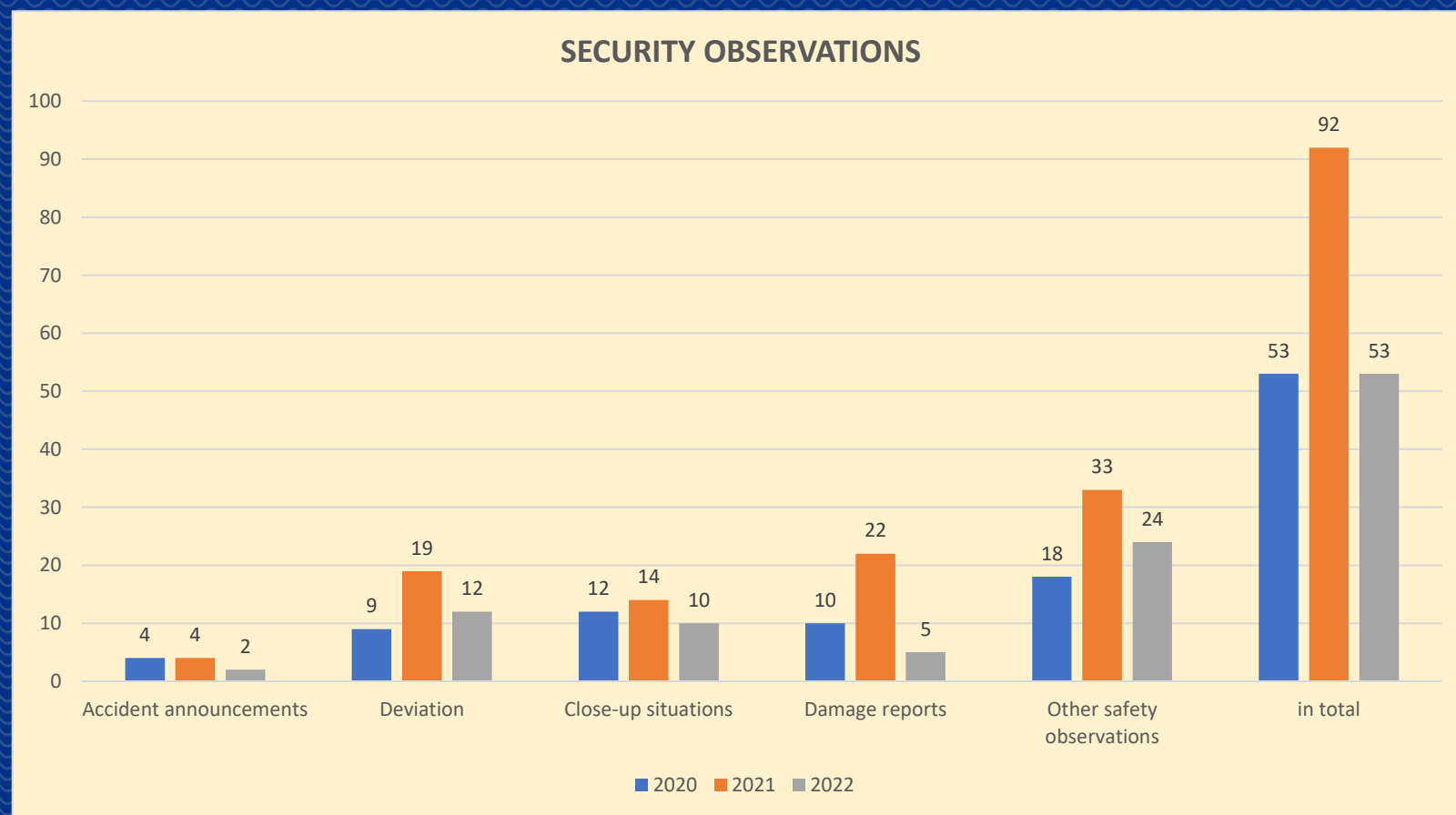
Close calls 2022 10 pcs

YEAR 2022 IN NUMBERS



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Security observation	2020	2021	2022
Accident announcements	4	4	2
Deviation	9	19	12
Close-up situations	12	14	10
Damage reports	10	22	5
Other safety observations	18	33	24
In total	53	92	53

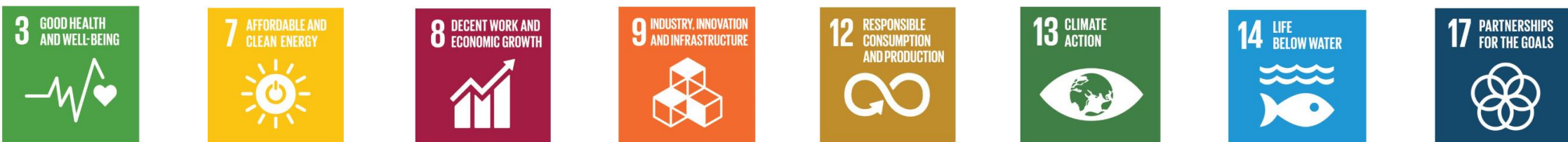


SUSTAINABILITY TOOLS

1.

UN's GLOBAL COMPACT
GENERAL SUSTAINABILITY
TARGETS

G4 SUSTAINABILITY
REPORTING INSTRUCTION



RESULTS

SAFETY

SICK LEAVE RATES AND ACCIDENTS

MOST COMMON HAZARDS AT PORT OF PORI:



1. Moving vehicles and equipment



2. Lifting operations



3. Falls from heights



4. Manual handling activities



5. Slips

SICK LEAVES due illness		2022	
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% of total day 13,12 %

ACCIDENTS			
LTI		6	
Accidents at work		4	

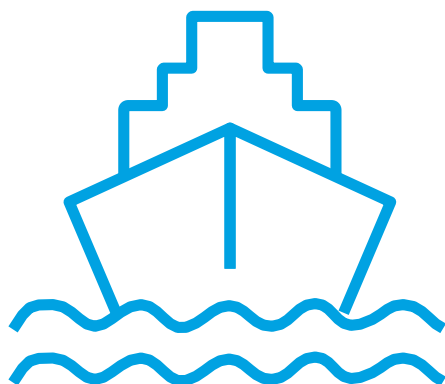
**6 ACCIDENTS (4 At work) ,
IN TOTAL 106 DAYS (85 DAYS)**

ACCIDENTS IN FREE TIME
ARE THE BIGGEST REASON
FOR SICK LEAVES. SLIP, TRIP,
AND FALL ARE THE MOST
COMMON REASON FOR
ACCIDENTS

RESULTS 3

ENVIRONMENTAL PARAMETERS

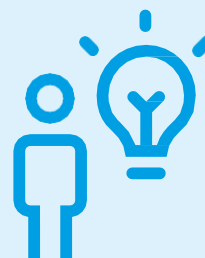
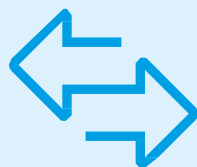
MAIN INITIATIVES FOR REVIEWING AND
REPORTING ENVIRONMENTAL ISSUES IN PORTS



Green Marine Environment Program (GMEP)
EcoPorts
Port Environmental Review System (PERS)



Questionnaire,
comparison
to other ports



Improvement areas:
Documentation,
reporting and follow up

TARGETS 2018 - 2023

ECONOMIC IMPACT FROM SUSTAINABILITY



1.

By decreasing sick leave rate

• -30 % = 6%
= 70 000 €/year

2.

By increasing age and gender diversification

• More dynamism

3.

By increasing the energy efficiency

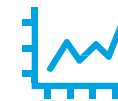
• -20% by changing to LED lighting

• Costs approximately 500 000 €, annual return 125 000 €

4.

By increasing the intangible brand value

ALIGNMENT OF
CUSTOMER'S
SUSTAINABILITY
REQUIREMENTS



PROFIT

GREEN
LABEL



BRAND



NEW
CUSTOMERS

SUSTAINABILITY
PARTNERSHIPS



RETAINING
EXISTING
CUSTOMERS

TARGETS 2018

IMPROVING SAFETY & ENVIRONMENTAL TOPICS



**IMPLEMENTING
15 MIN WEEKLY
SAFETY TALK**



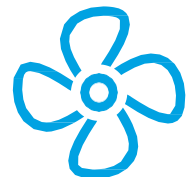
**IMPLEMENTING
"SLIP, TRIP AND
FALLS POLICY"**



**"GOLDEN
RULES OF
SAFETY"**



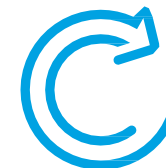
**INVESTMENT
TO NEW LED
LIGHTNING**



**NEW AIR QUALITY
STUDY NEEDED**



**NOISE IS NOT A
PROBLEM AT
THE MOMENT,
STUDY DONE IN
AUTUMN 2016**



**CHANGING TO
ELECTRICITY
MANUFACTURED
BY CO2 FREE
TECHNOLOGY**

FOLLOW UP 2018 BALANCED SCORECARDS

EFFECTIVE FOLLOW UP FOR IMPLEMENTATION

1.

**DETERMINED
BASE LINE**

2.

THE TARGET

3.

**TOOLS TO
USE**

4.

**COMMITTED
EMPLOYEES**

5.

COMMUNICATION

6.

**TRANSPARENT
TRACKING AND
REPORTING**

3 GOOD HEALTH
AND WELL-BEING



8 DECENT WORK AND
ECONOMIC GROWTH



SAFE AND DYNAMIC

Baseline 2018

Nr of accidents:	7
Sick leave:	3,09 %
Gender diversification:	9 % female employees
Age diversification:	2,4 % < 30 years

Targets 2023:

Nr of accidents:	0
Sick leave:	4,0 %
Gender diversification:	15 % female employees
Age diversification:	15 % < 30 years

2018-2023

- Implementing 15 minutes safety update
- Implementing Slip, trips and falls safety policy
- Implementing and updating the Golden rules of safety
- Recruitments need to be evaluated based on diversification

7 AFFORDABLE AND
CLEAN ENERGY



13 CLIMATE
ACTION



14 LIFE
BELOW WATER



ENVIRONMENTAL FRIENDLY & EFFICIENT

Baseline 2018

CO2 emissions:	3 793 ton
Noise:	55 dB (annex 1 and 2)
Energy consumption:	4 737 MWh
Water consumption:	32 496 m3 *)
Waste recycling:	48 %

*) 15,74 % is delivered to vessels

Targets 2023:

CO2 emissions:	-20% vs. 2018 level
Energy consumption:	-20% vs. 2018 level
Noise:	- 1 %, max < 55dB
Waste recycling:	+ 10 % vs. 2018 level

2018-2023

- Improved monitoring of air quality
- Better communication with all parties at port area
- Monitoring Co2 emissions also within shore operations
- Noise monitoring to be performed every three years
- Urban runoff to be checked four times per year

2022 status

- CO2 emissions 3482 ton
- Energy consumption 4777 MWh
- Water consumption 16532 m3
- Waste recycling 60%

Note!! The figures include all port activities, such as port operators and vessels included



CREATING SUSTAINABLE GROWTH TOGETHER

Baseline 2018

Investments:	35 % of turnover
Operating income:	22,4 %

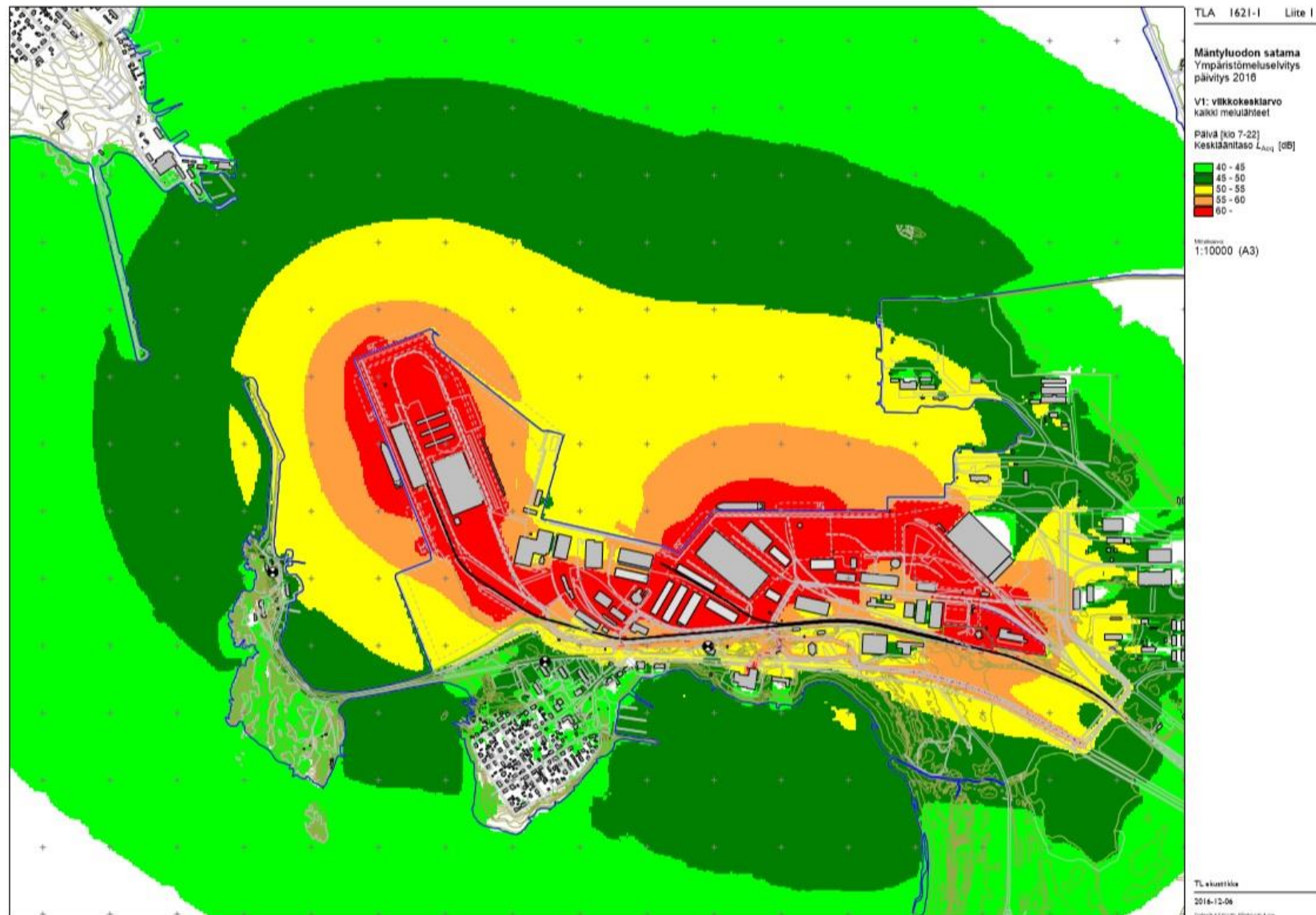
Targets 2023:

Investments:	20 % of turnover
Operating income:	22 %

2018-2023

- Long-term Investment plan to guarantee the sustainable growth
- Investing on smart and sustainable technology
- Investments connected into company's sustainability strategy
- Mapping out the parties in order to increase circular economy

DNDT
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FURI



ANNEX 2

TAHKOLUOTO NOISE MAP

