



# Technology for a sustainable world

INVESTOR  
PRESENTATION

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**2021 FULL YEAR RESULTS**  
18 FEBRUARY 2022

**GTT**  
Technology for a Sustainable World

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# Agenda

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COMPANY  
OVERVIEW

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FOCUS ON  
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FINANCIALS

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OUTLOOK

# 1

## Company Overview

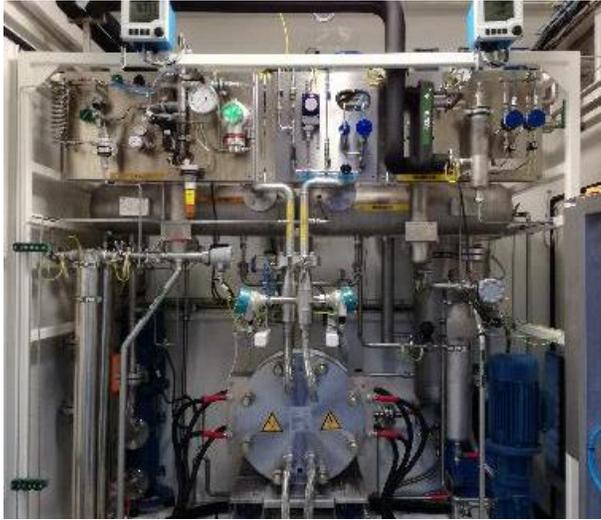


# GTT Group: **Technology for a sustainable world**



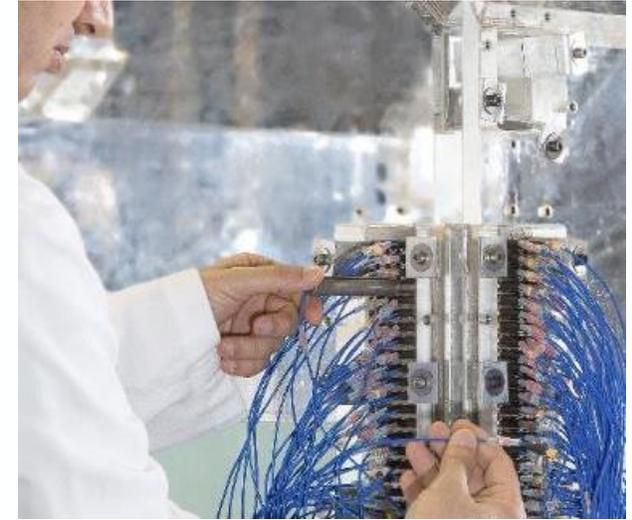
## Our Conviction

- **Technology** is the most efficient enabler of the **energy transition**



## Our Mission

- Conceive cutting-edge **technological solutions** to help building a **sustainable world**

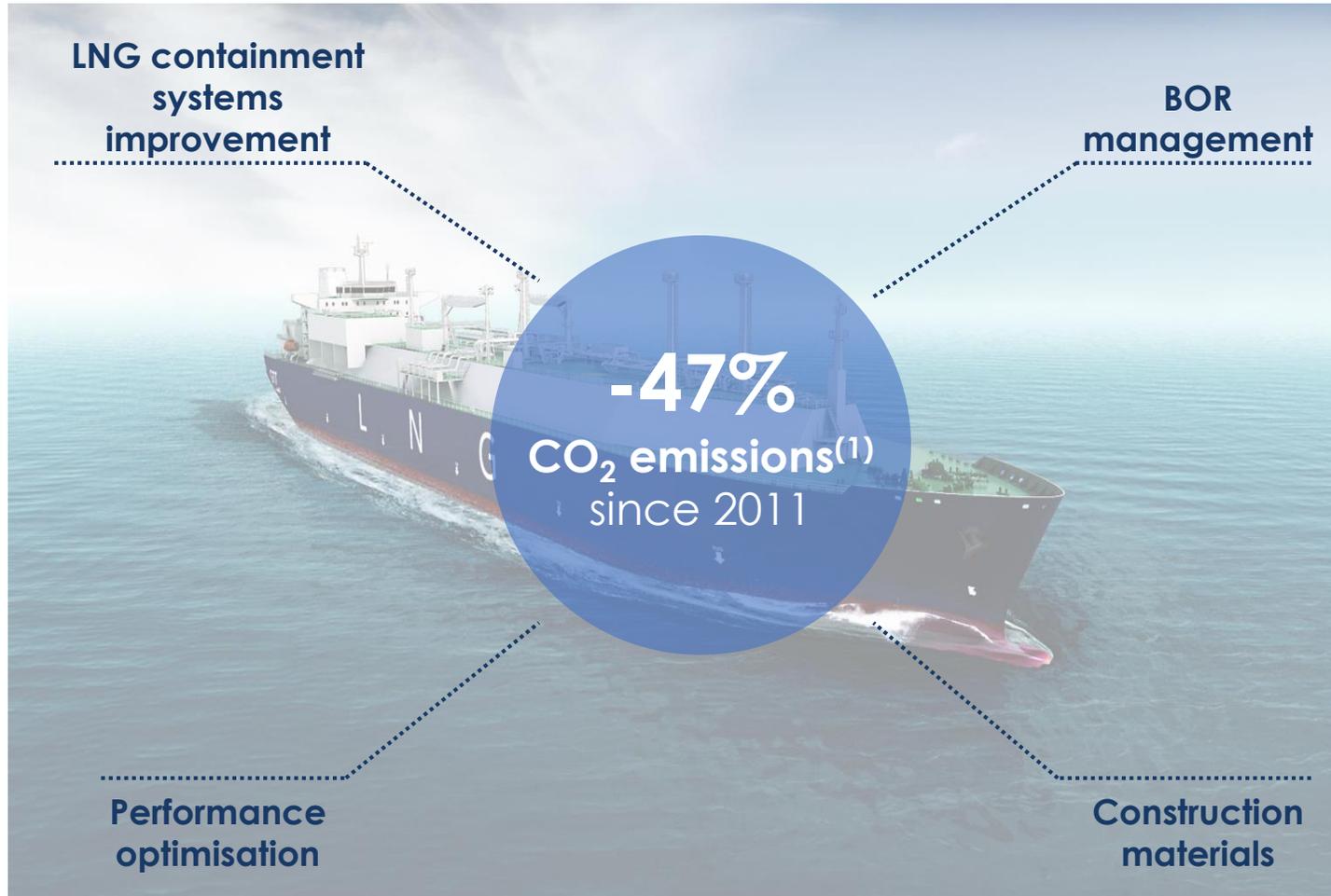


## Our Key Assets

- **Human capital:** unique combination of skills
- **Intellectual capital:** dynamic IP culture

Building a sustainable world

## Core business, a journey that started long time ago for GTT



2022 LNGC equipped with latest technology emits **-47% less CO<sub>2</sub> emissions** per ton transported compared to 2011 LNGC

Thanks to these continuous improvements, **recent LNGCs are already compliant** with 2030 IMO objective of **40% reduction of CO<sub>2</sub>** per ton transported vs 2008

(1) CO<sub>2</sub> reduction per ton transported in comparison with 2 LGNCs: 2011 (Steam Turbine, Mark III, BOR 0.15%, 145,000m<sup>3</sup>, Daily Consumption 110 tons) vs 2022 (MEGI/XDF, Mark III Flex+, BOR 0.07%, 174,000 m<sup>3</sup>, Daily consumption 70 tons)

Building a sustainable world

# Core business, a journey that started long time ago for GTT

## IMPROVEMENT IN GTT'S TECHNOLOGIES HAS ENABLED SIGNIFICANT SAVINGS<sup>(1)</sup> SINCE 2010

LNG	<b>&gt;5 million tons/y<sup>(2)</sup></b> <i>Consumption avoided</i>	↔	Corpus Christi Train 3 project
CO <sub>2</sub>	<b>&gt;13 million tons/y</b> <i>Emissions avoided</i>	↔	Eq. 4% of annual CO <sub>2</sub> emissions of a country as large as UK
Economics	<b>c.\$2bn/y</b> <i>Consumption avoided</i>		

(1) Savings vs Standard Mark III and NO96

(2) Daily Boil-off rates: Mark III & NO96: 0,15% / NO 96 GW: 0,115% / NO L03: 0,10% / Mark III Flex: 0,085% / Mark III Flex+: 0,07% - GTT vessels ordered since 2011: Mark III Flex: c.210 / Mark III Flex+: c.15 / NO96 GW: c.100 / NO96 L03: c.30

# Building a sustainable world

## New business areas, a journey that accelerated in 2021



# 2021 Key figures



Employees  
**535**



New patents  
**61**



Core business  
order Book  
**161 units / €795 M**



LNG as fuel  
order book  
**32 units**



Revenues  
**€315 M**

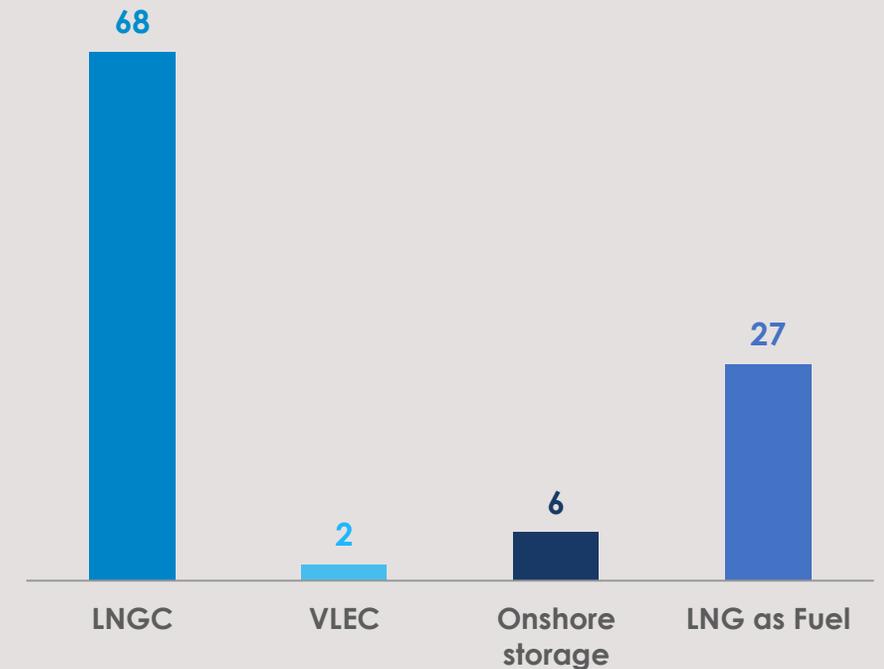


EBITDA  
**€172 M**



Dividend  
**€3.10**  
Payout ratio **86%**

## A RECORD YEAR FOR ORDERS



# 2021 **Key highlights**

## **Core Business: strong commercial performance**

- LNG market dynamics remain very positive
- Replacement market is a new positive driver for GTT

## **LNG as fuel: a bumper year for GTT**

- The take-off year for GTT's LNG fueled vessels
- GTT becoming the leading technology

## **Smart shipping: becoming a reference player**

- Launch of LNG Optim and of the Electronic Bunker Delivery Note (eBDN) solution
- Approvals of new innovative solutions



## **Innovation: intense activity and development of new technologies**

- Development of innovative new technologies in a wide range of areas
- Final approvals for the NO96 Super+ technology, which is already sold to clients

## **Elogen: entering a new phase of development**

- 1 MW orders signed with Storengy and E.ON
- Team reinforcement
- First step in the massification of the production

# ESG – Environment 1/2

## Climate ambition

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### GT's operational scope

**GT renews its commitment to significantly reduce its operational emissions (Scope 1 & 2) by 2025**

- in line with the objective of **limiting global warming to 1.5°C**, i.e. -4.2% per year vs. 2019, and -25.2% by 2025
- by improving energy efficiency, switching to low-carbon energy sources and changing its corporate vehicle fleet

**GT further reduces business travel emissions (Scope 3) by 2025**

- in line with the objective of **limiting global warming to 2.0°C**, i.e. -2.5% per year vs. 2019, and -15.0% by 2025
- by limiting travel through extensive use of digital resources

### GT's value chain scope

**GT will continue to reduce upstream and downstream vessel emissions, working closely with its customers and maritime industry partners**

GT is currently assessing these initiatives in accordance with the GHG protocol and SBTi methodology and criteria

**In light of the new SBTi (Corporate Net Zero Standard) published in October 2021, GT confirms its climate targets over the 2019-2025 period**

# ESG – Environment 2/2

## EU taxonomy

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- The Group welcomes the decision by the European Commission, in February 2022, to consider **natural gas as a transition energy**

This decision, which should be applicable in 2023, **confirms GTT's vision of the role of gas as an energy complementary to renewables**

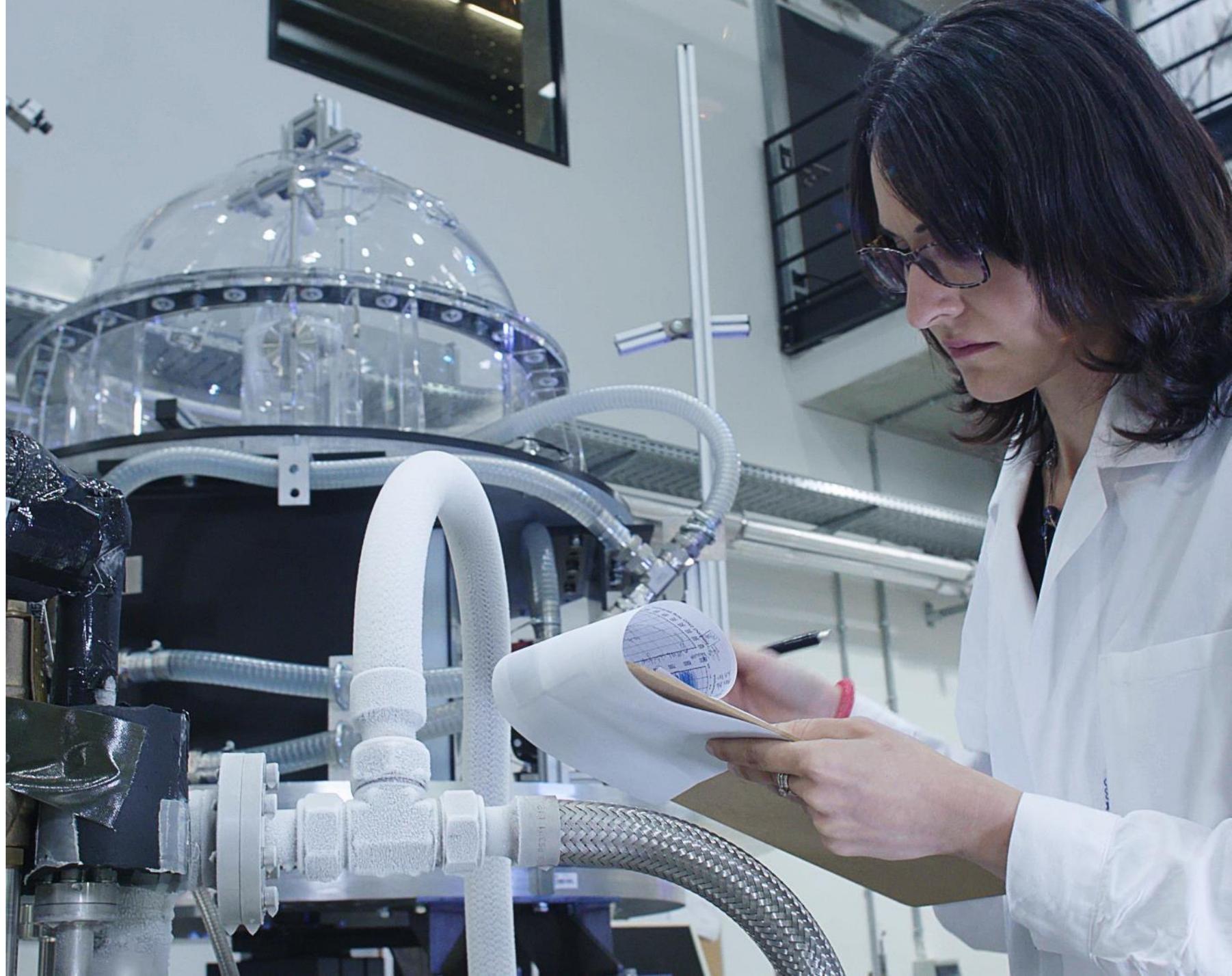
- GTT is currently analysing its activities according to the EU Regulation  
The Group will publish its findings, **on a voluntary basis**, in order to comply with the highest standards of non-financial reporting

## TAXONOMY REGULATION PRINCIPLES

- The European taxonomy translates the climate and environmental objectives of the European Union (EU) into criteria for economic activities
- Criteria to define sustainable activities have so far been established for the first two environmental objectives on climate

# 2

Focus  
on innovation



# R&D and innovation, **at the heart of GTT's strategy**

## R&D



~10% of revenues over the **last 10 years** on average



**120+**  
Employees focus on R&D

## INTELLECTUAL PROPERTY



**1<sup>st</sup> place** in ranking of mid-size companies **patent applicants at the INPI<sup>(1)</sup>**



**2 465**  
Active patents



**61**  
New patents in 2021

## INNOVATION



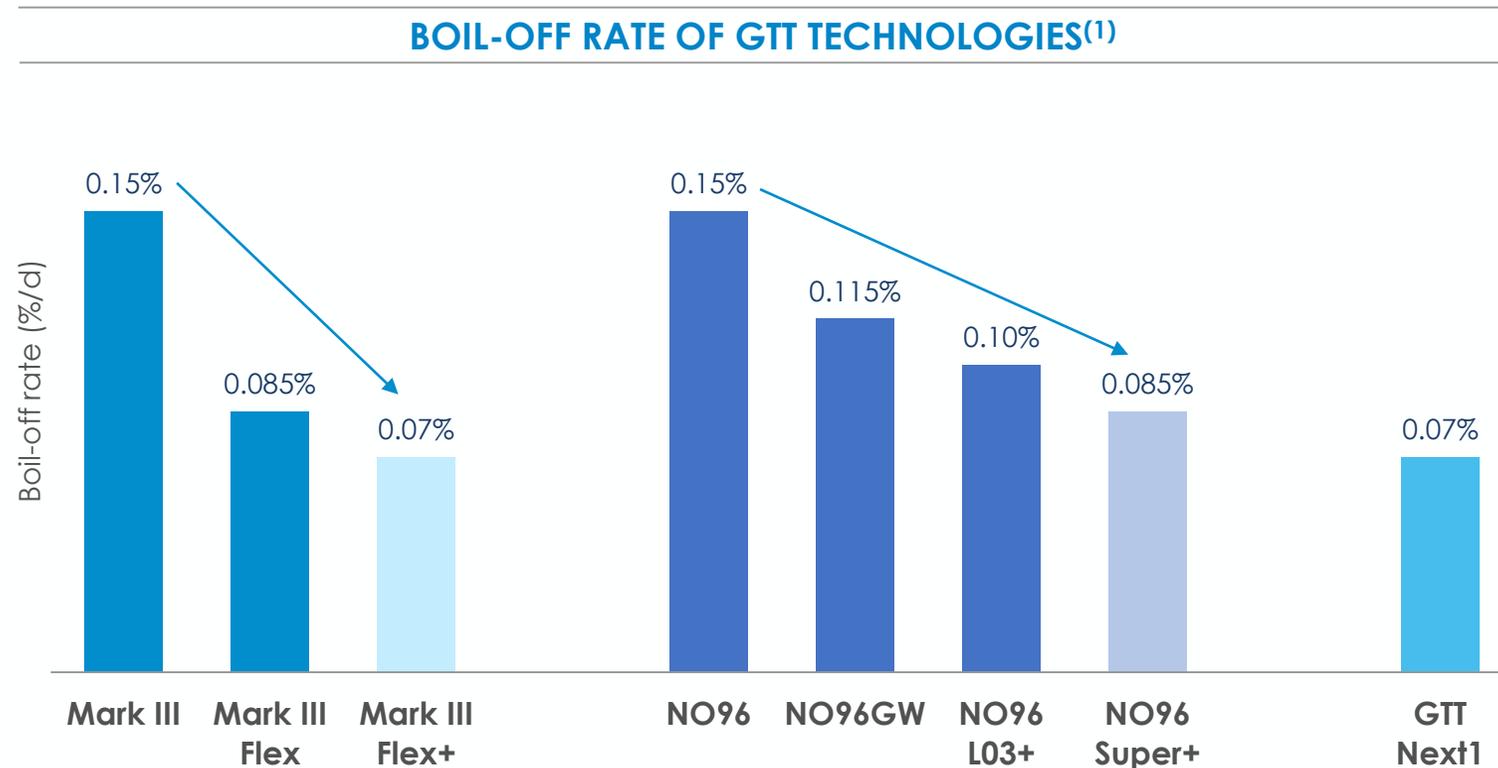
Participation to several **innovation programs**

Internal GTT Group **Innovation Challenge**



Overall **60+** ongoing R&D projects

# R&D on core technologies **enables better energy efficiency**



**Enabling better energy efficiency by halving boil-off rate in a decade**

# 2021 – Some key innovations

## MEMBRANE

**Boil-Off  
reduction**



General approvals  
NO96 Super+

Operating  
cost reduction

## MULTIGAS

**Ammonia  
readiness**



AiP Mark III  
"NH3 Ready"

Increased flexibility

## BUNKER SHIP

**Ballast  
water free**

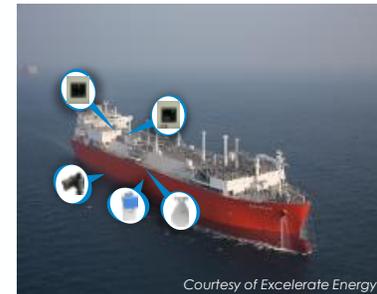


AiPs for the  
ship design

More environmentally  
friendly

## DIGITAL SOLUTIONS

**Maintenance  
optimisation**

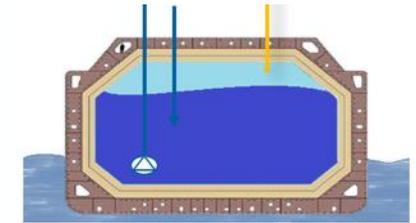


Embarked tank integrity  
assessment system

Maintenance  
cost reduction

## GAS HANDLING

**Relieves the excess  
boil-off gas for LNG  
fuelled vessels**



Recycool™

Reduction in CO<sub>2</sub>  
emissions

# Innovation roadmap 1/3

## CORE BUSINESS

Further reduce  
**LNGC CO<sub>2</sub> footprint**

Enabling better energy efficiency by reducing vessel's construction & operating costs



## LNG AS FUEL



Offer the best technologies for **alternative fuels**

Adaptation of core technologies to **enable decarbonisation**, notably with LNG as fuel

Anticipate **new technologies** required by the maritime industry

Digital solutions  
Gas chain



## MARITIME



## ELOGEN

Explore potential of **technological efficiency and improvement**

Improve electrolyser efficiency and capex (PEM electrolysis)

These R&D axes are complementary and aim at reducing CO<sub>2</sub> emissions

# Innovation roadmap 2/3

## Towards zero-carbon: a safe and scalable deployment of liquid H<sub>2</sub> transport

### COOPERATION AGREEMENT WITH SHELL

#### Technological challenge

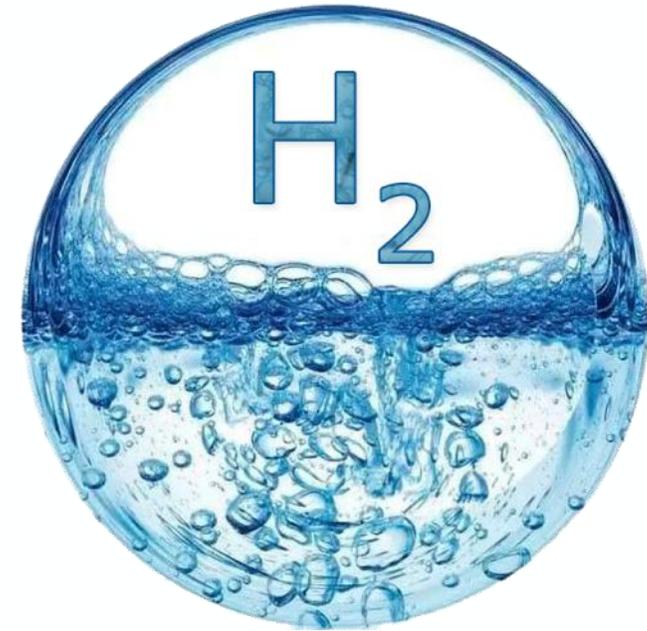
- Transport very **large volumes** of hydrogen in **liquefied form**, at -253°C

#### What is at stake?

- Establish a reliable, efficient, and competitive **hydrogen supply chain**

#### Scope of the agreement

- Development by GTT of a **preliminary LH<sub>2</sub> carrier** design as well as an **LH<sub>2</sub> cargo containment system** for mid-size LH<sub>2</sub> carrier



# Innovation roadmap 3/3

## Managing excess boil-off gas of LNG-fuelled vessels in an eco-friendly way

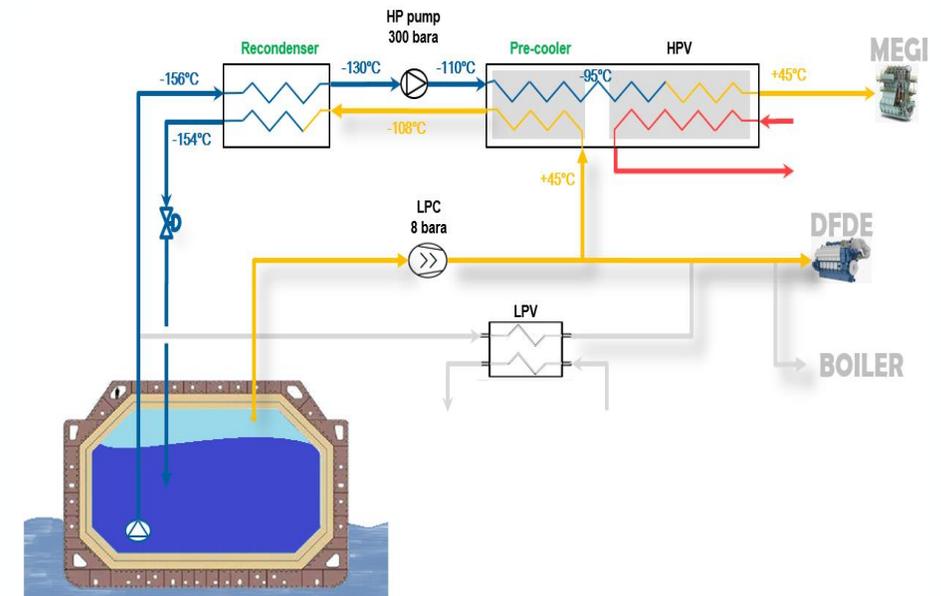
### GTT'S FIRST GAS HANDLING TECHNOLOGY

#### Technology

- New system Recycool™, designed by GTT
- **Reliquesfies the excess boil-off gas** by recovering the cold energy from the LNG vaporised for fuelling the engine
- Targets **LNG as fuel vessels** with high pressure engine
- Already adopted by customers

#### Benefits

- Simple and compact integrated design
- Using on-the-shelf components
- Using Low Pressure Compressor (i.e. lower OPEX & CAPEX)
- **Significant reduction in CO<sub>2</sub> emissions** of LNG-powered ships



# 3

Strategy  
& activity



# Technology for a Sustainable World



# 3

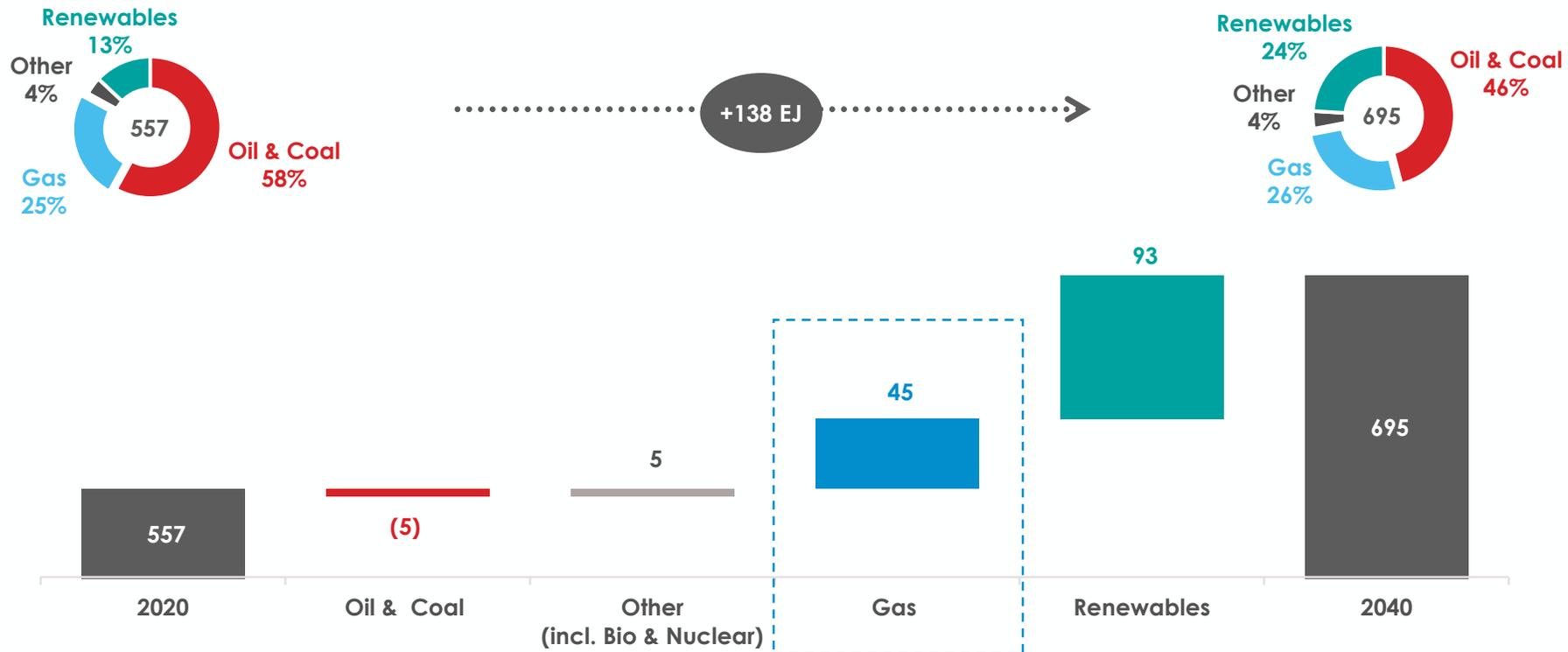
Strategy  
& activity

**LNG carriers &  
other core  
applications**



# Gas is a growing energy **at the core of the energy transition**

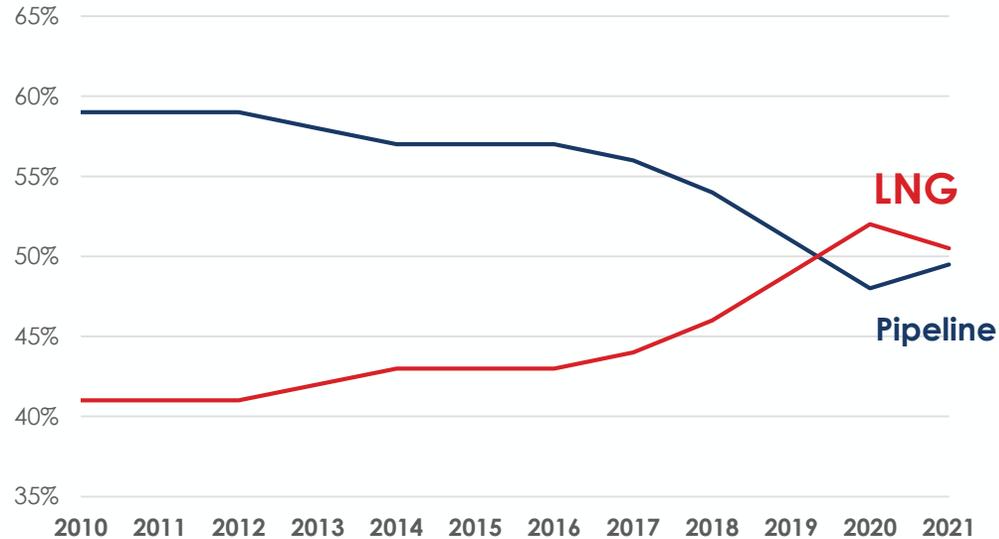
## GAS SHARE IN THE ENERGY MIX (CONSUMPTION IN EXAJOULES)



**Gas and renewables are the only two energy sources that are seeing their share increase, since they are complementary**

# LNG market – 2021 review

## GAS TRADING MARKET SHARE EVOLUTION

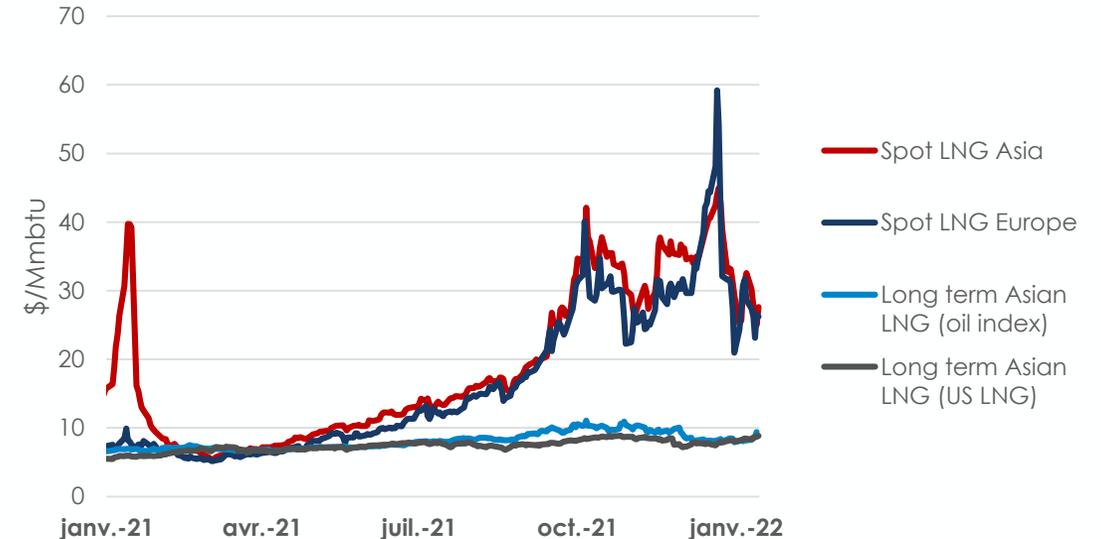


Source: EIA Gas Market report Q1 22

**LNG** represents **more than half** of **international trade** due to geographical considerations

Expected to reach **60-70%** of gas trade **by 2040** (IEA, Shell)

## SPOT & LONG-TERM LNG PRICES



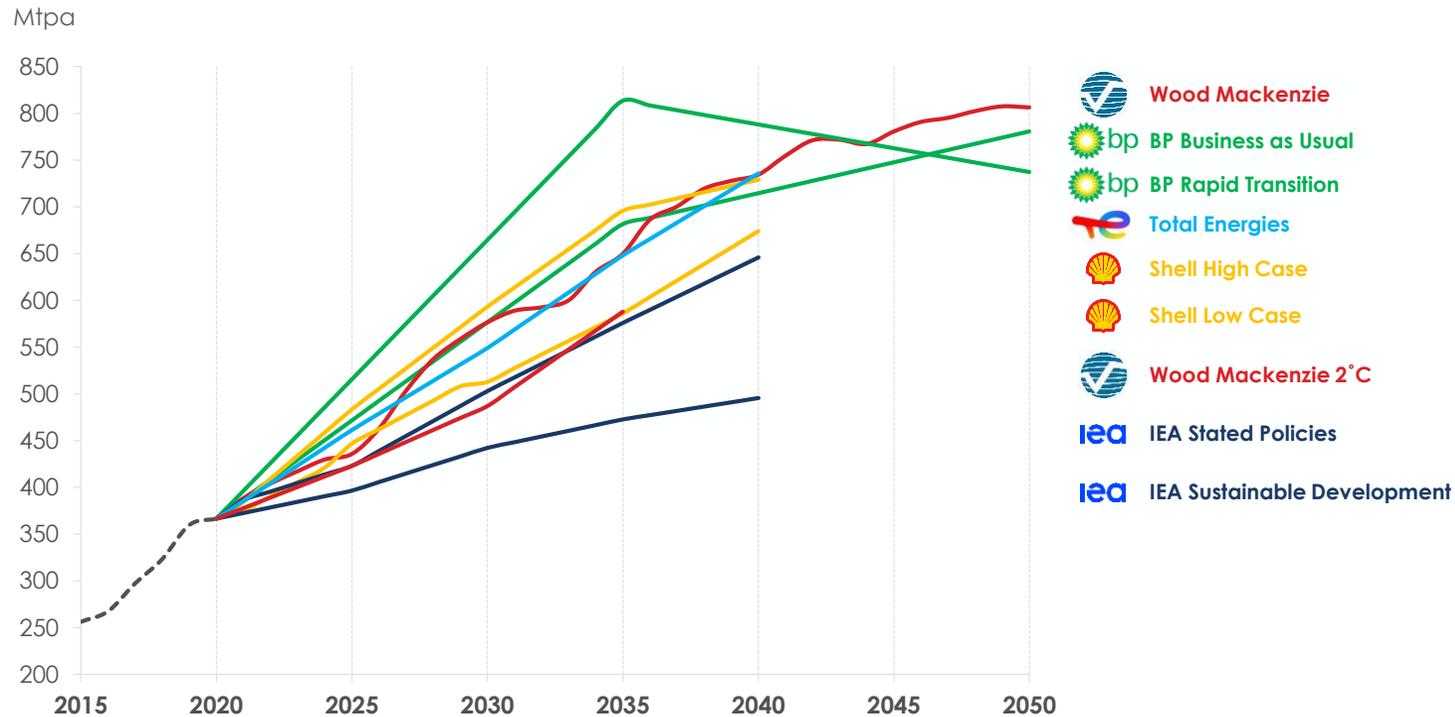
Source: Argus

**LNG** Spot rates have reached **new records**

**Long term prices** remain **very attractive**, in the context of strong competition of pre & post FID projects

# LNG demand estimated to double by 2040

GLOBAL LNG DEMAND FORECASTS (in Mtpa)

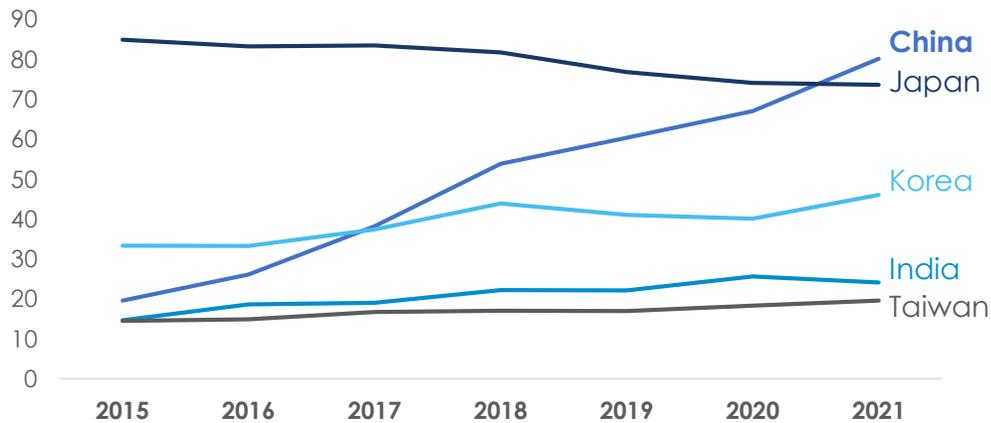


**By 2040:** LNG demand growing in all scenarii

**Beyond 2040:** existing growing scenarii compatible with energy transition

# Asia to remain the key growth driver for LNG, mainly driven by China

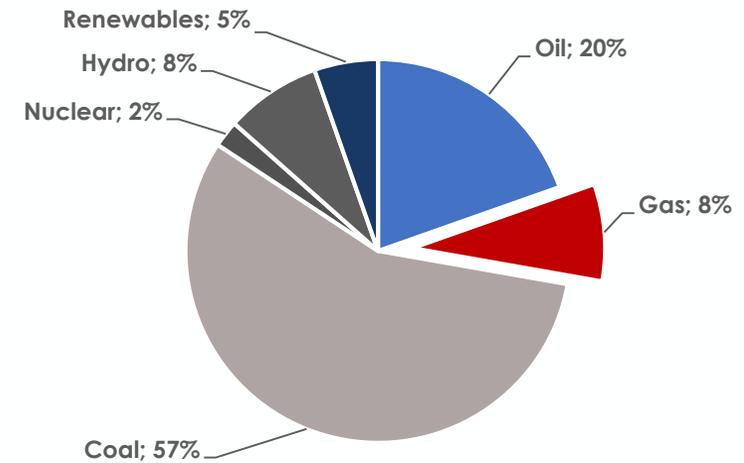
LNG DEMAND OF TOP 5 IMPORTERS



Source: WoodMackenzie

**China has taken over Japan** to become #1 importer in 2021, with c.80 Mtpa imported

CHINA ENERGY MIX (2020)



Source: BP Statistical Review

**2 drivers** for gas consumption growth in China

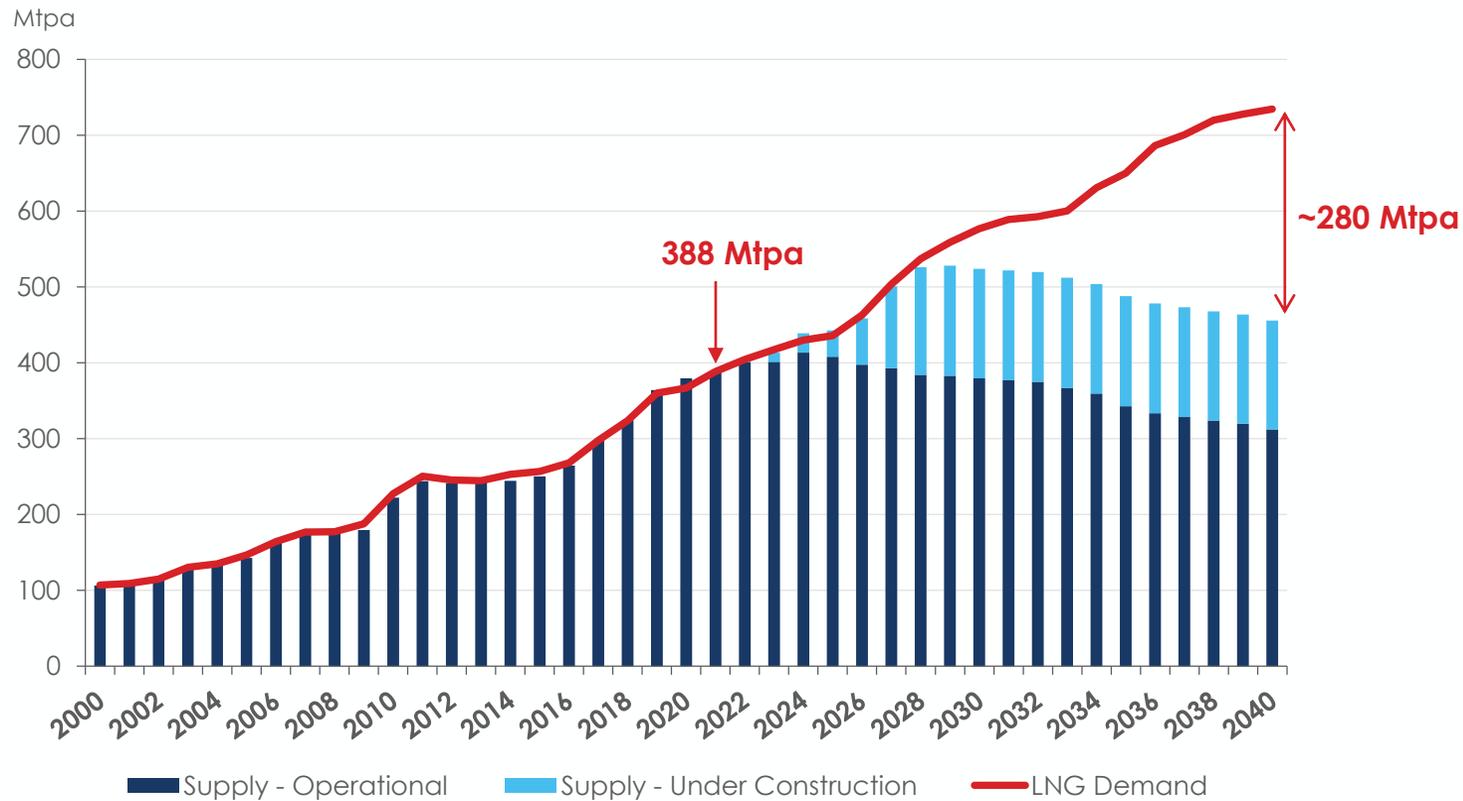
- GNL consumption growth (**26%/y** since 2015)
- Coal to **gas switching**

**Coal** still represents **57%** of the energy mix

- Gas only represents **8%** of the **energy mix in China**

# LNG supply & demand: new capacity required

## LNG SUPPLY & DEMAND BALANCE FORECAST



**More FIDs are required**  
to fill the supply / demand  
gap from **2030**

# 91 additional LNGCs required for liquefaction projects under construction

## LNGCs SUPPLY & DEMAND BALANCE OF UNDER CONSTRUCTION LIQUEFACTION PLANTS ON 31/12/2021

Project	Location	Forecasted Start-Up	Contracted capacity (Mtpa)	LNGCs requirement
Sabine Pass T6 <sup>(1)</sup>	US East	2022	4,5	
Calcasieu Pass <sup>(1)</sup>	US East	2022	8	
Tangguh Phase 2	Indonesia	2022	3,8	
Coral FLNG	Mozambique	2023	3,4	
TortueFLNG	Senegal/Mauritania	2023	2,4	
Arctic LNG-2	Russia	2023	19,8	
Costa LNG-2	Mexico West	2025	2,5	
Baltic LNG	Russia	2025	13	
Mozambique LNG (Area 1)	Mozambique	2026	11,2	
Qatar NFE	Qatar	2026	33	
LNG Canada	Canada	2026	14	
Golden Pass	US East	2026	18,1	
Pluto Train 2	Australia	2026	4,3	
NLG T7+expansion	Nigeria	2026	8	
<b>TOTAL</b>				<b>217</b>
– Already secured by those projects				91
– Available vessels in operation / On order				35
<b>Expected orders</b>				<b>91</b>

Market still requires **91 additional LNGCs** for contracted supply of LNG plants under construction

Fleet replacement, spot trading and market flexibility may increase that number

- As observed over the last few months, charterers are looking for **more flexibility through more modern vessels and larger fleet**

# Liquefaction FID tracker: good in 2021, promising for 2022-23

	PROJECT	COUNTRY	OPERATOR	VOLUME (Mtpa)
FID taken in 2021: 51mtpa	Northfield expansion	Qatar	QatarEnergies	33
	Baltic LNG	Russia	Gazprom	13
	Pluto T2	Australia	Woodside	5
Most likely FIDs in 2022-23	Plaquemines LNG	US	Venture Global	10
	Corpus Christi Stage III	US	Cheniere	10
	Driftwood Phase 1	US	Tellurian	11
	Northfield South expansion	Qatar	QatarEnergies	16
	Woodfibre	W Canada	Pacific O&G	2.1
	PFLNG 3	Malaysia	Petronas	2
Other possible FIDs in coming years	Arctic LNG-1	Russia	Novatek	20
	Cameron expansion	US	Sempra	6
	Calcasieu Phase 2	US	Venture Global	10
	Freeport T4	US	Freeport	5.1
	PNG expansion	PNG	Total/Exxon	8
	Tortue Phase 2	Senegal/Mauritania	BP	2.4

**51 Mtpa** sanctioned in **2021**, the **2<sup>nd</sup> best year ever**

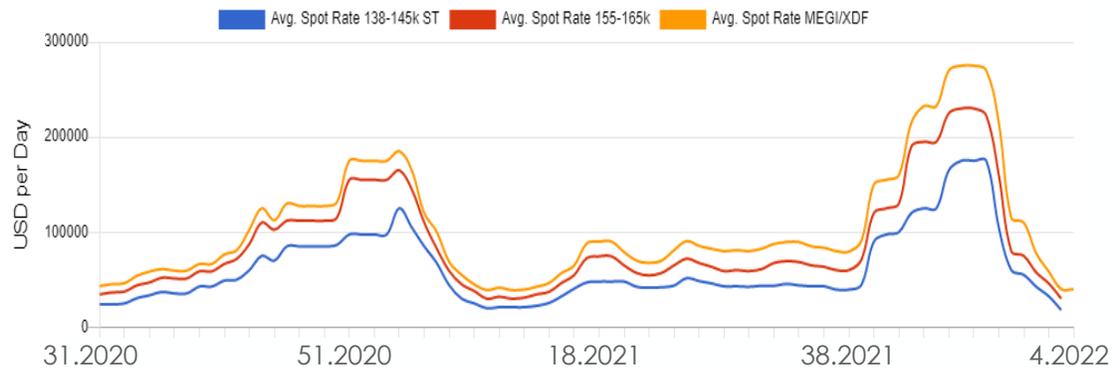
- **Catching-up** after a quiet 2020 (1 FID at Costa Azul)

**Numerous FIDs** expected in **2022-23**, especially in **the US**

- Henry Hub stable prices make **US LNG very attractive** in a highly volatile spot market
- Quick **go to market** of **US LNG projects** is also a plus

# LNG shipping market: tight and volatile in 2021

## SPOT LNGCS CHARTER RATES



**Spot charter rates** have exceeded **\$200k/d** in **2021**, as many vessels were required to transport very profitable spot LNG

In this context, **modern vessels** were largely **favoured**

## 1 YEAR CHARTER RATES

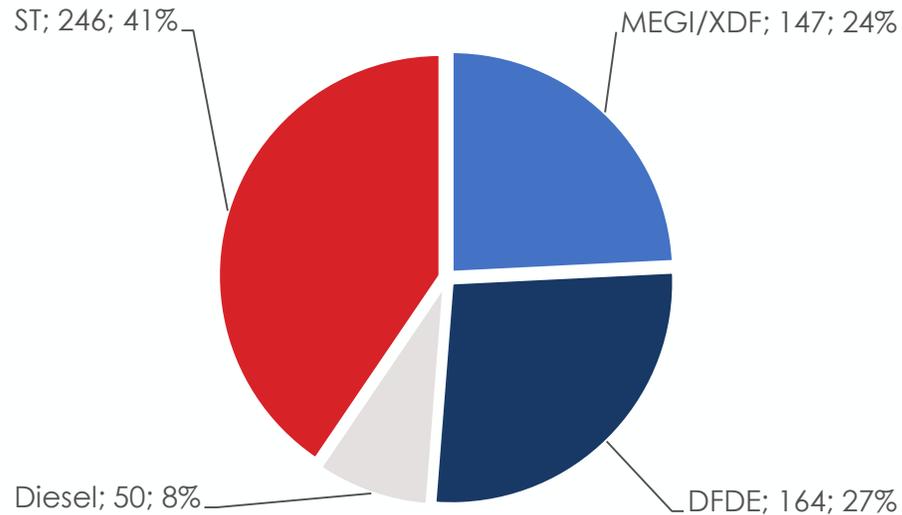


1 year **charter rates** under great pressure

- Many charterers looking to **secure tonnage** after a **tensed winter**
- **MEGI/XDF** reached **\$120k/d**, almost twice their breakeven

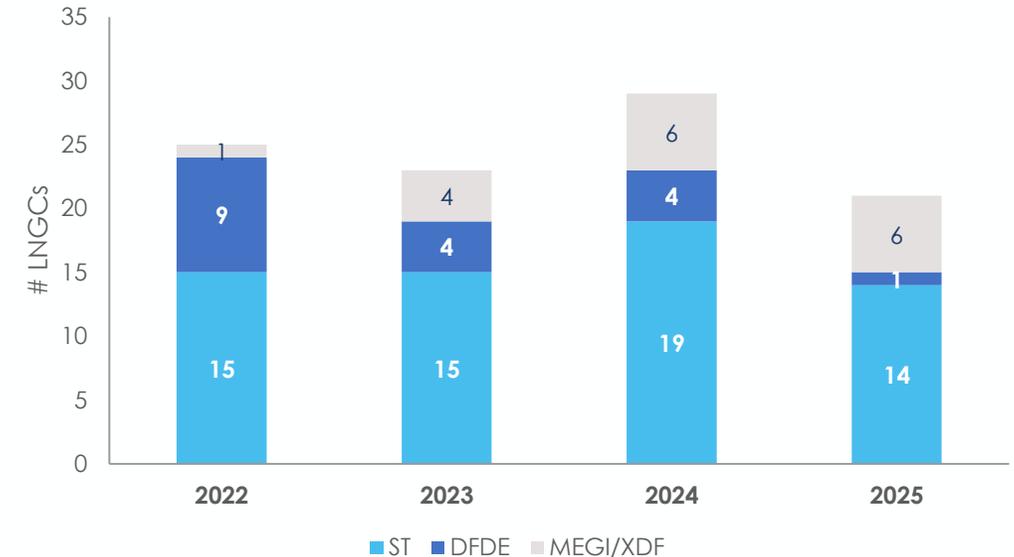
# GTT well positioned to capture orders from vessel renewal

## LNGC FLEET BY PROPULSION TYPE



**Steam Turbine** LNGCs remain largely dominant in the market

## LNGC ENDING CHARTERING CONTRACTS



**63 Steam vessels** ending their chartering contract in the **next 4 years**

- Great potential for fleet replacement

# Growing long-term estimates for GTT orders

## ESTIMATED GTT CUMULATED ORDERS OVER 2022-2031



LNGC



Between **330 & 360** units



VLEC



Between **25 & 40** units



FSRU



**Up to 10** units<sup>(1)</sup>



FLNG



**5** units



Onshore & GBS tanks



Between **25 & 30** units



# 3

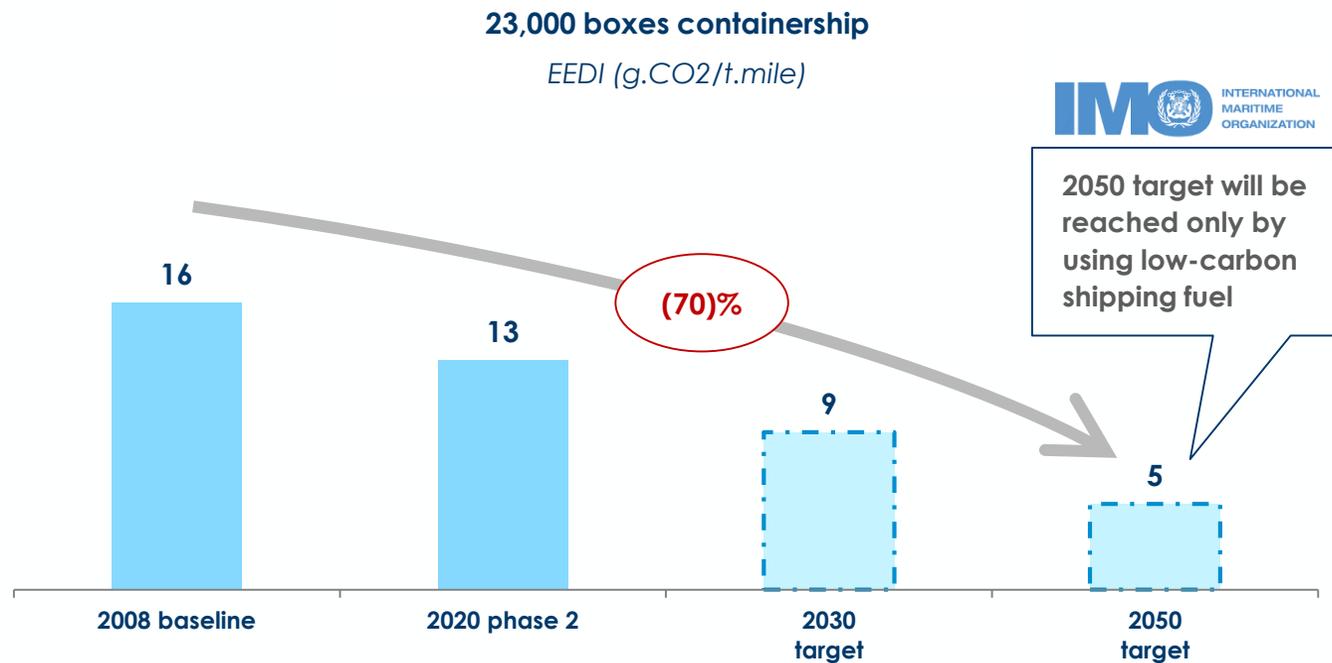
Strategy  
& activity

LNG as fuel



# LNG as fuel: environmental drivers are strong incentives

## ENERGY EFFICIENCY DESIGN INDEX (EEDI) TARGETS SET BY THE IMO



### By 2050, IMO targets (non binding):

- (i) **shipping companies** to have **reduced CO<sub>2</sub> emissions** by **70%** versus 2008 levels
- (ii) **global fleet** to have **reduced CO<sub>2</sub> emissions** by **50%** versus 2008 levels

### Tightening IMO carbon regulation with 2 new tools:

- **EEXI** (index for existing ships in force from 2023)
- **CII** (mandatory from 2023)

### Additional increasing local and private measures:

- **EU to include** shipping in its **CO<sub>2</sub> Emissions Trading System (ETS)**
- Banks, charterers, freight users and maritime insurance **commit to lower carbon footprint vessels**

# LNG as fuel: the best transition energy for the shipping industry

	Alternative fuels			Traditional
	LNG	Methanol	Ammonia	MDO <sup>(4)</sup>
<b>Current CO<sub>2</sub> emissions</b> (g <sub>CO2</sub> /kWh WtW <sup>(1)</sup> )	530	720	790	690
<b>Decarbonisation potential</b> (in next 10-15 years)	 With bio and e-fuels		 e-ammonia only	 Bio diesel only
<b>Price<sup>(2)</sup></b> (\$/MWh)	~38\$	~70\$	~66\$	~55\$
<b>Other emissions</b> (NO <sub>x</sub> , SO <sub>x</sub> , PM <sup>(3)</sup> ) & Toxicity				
<b>Energy density</b> (GJ/m <sup>3</sup> )	25 Enable greatest autonomy	16	13	33
<b>Infrastructure availability</b>				

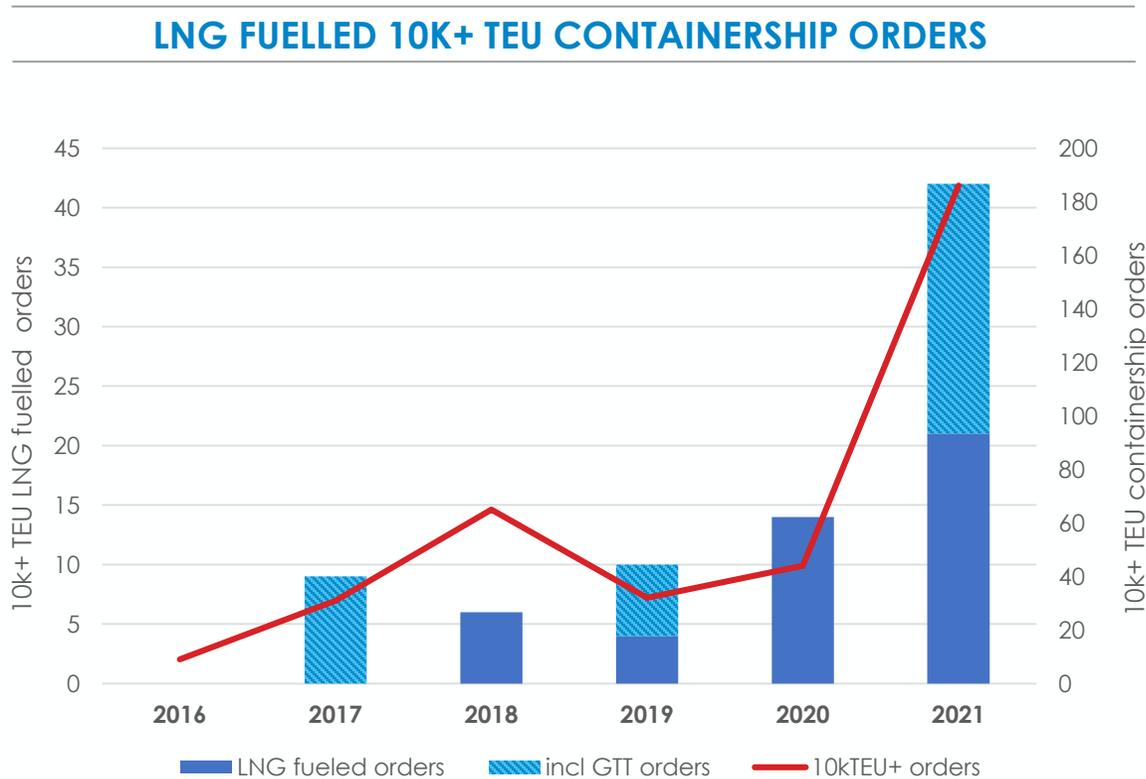
(1) WtW: Well to Wake

(2) Currently, in a normative year

(3) PM: fine Particulate Matter

(4) Marine Diesel Oil

# GTT has become a reference solution for containerships



**Record year** for GTT LNG fueled with about **half of the large containerships orders**

**GTT becoming the leading technology**

- **Increasing number** of yards, owners & charterers **choosing GTT technology**

**GTT expanding in mid-size containerships**

- **First order** for 6x7k TEU

**With 27 new orders, 2021 is the take-off year for LNG fueled vessels equipped with GTT technologies  
GTT's penetration in this market segment confirmed with already 9 orders in 2022**

# GTT is targeting a wide range of markets where LNG and membrane are the right fit

Market Segments	Market potential over the next 10 years <i>(source: Clarksons)</i>	Rationale for LNG fuel			Rationale for GTT membrane technology		
		Reputation / charterer push on commercial interest	High Consumption	Expensive ships	No room on deck	Space optimization	Other
<b>Container vessels</b> (large and very large)	<b>1,200 units</b>	✓	✓	✓	✓	✓	GTT track record
<b>Oil tankers</b> (very and ultra large)	<b>900+ units</b>	✓				✓	Tanks inside the hull, protected from sea and meteorological conditions
<b>Bulk carriers</b> (large and very large)	<b>800 units</b>	✓			✓	✓	
<b>Cruise</b>	<b>130 units</b>	✓	✓	✓	✓	✓	GTT track record
<b>PCTC<sup>(1)</sup></b>	<b>370 units</b>	✓			✓	✓	Ensures vessel stability

**An addressable market of nearly 3,500 ships over the next ten years**

# 3

Strategy  
& activity

**Smart shipping:  
Optimising  
energy-  
efficiency with  
digital solutions**



# Digital Technologies for optimised energy efficiency and safety

## Use of state-of-the-art digital technologies to:

- Reduce operational cost
- Reduce emissions
- Improve safety

## Market drivers

- Cost reduction
- Environmental and safety regulation
- Need for transparency between stakeholders

## Emerging market with a fragmented landscape

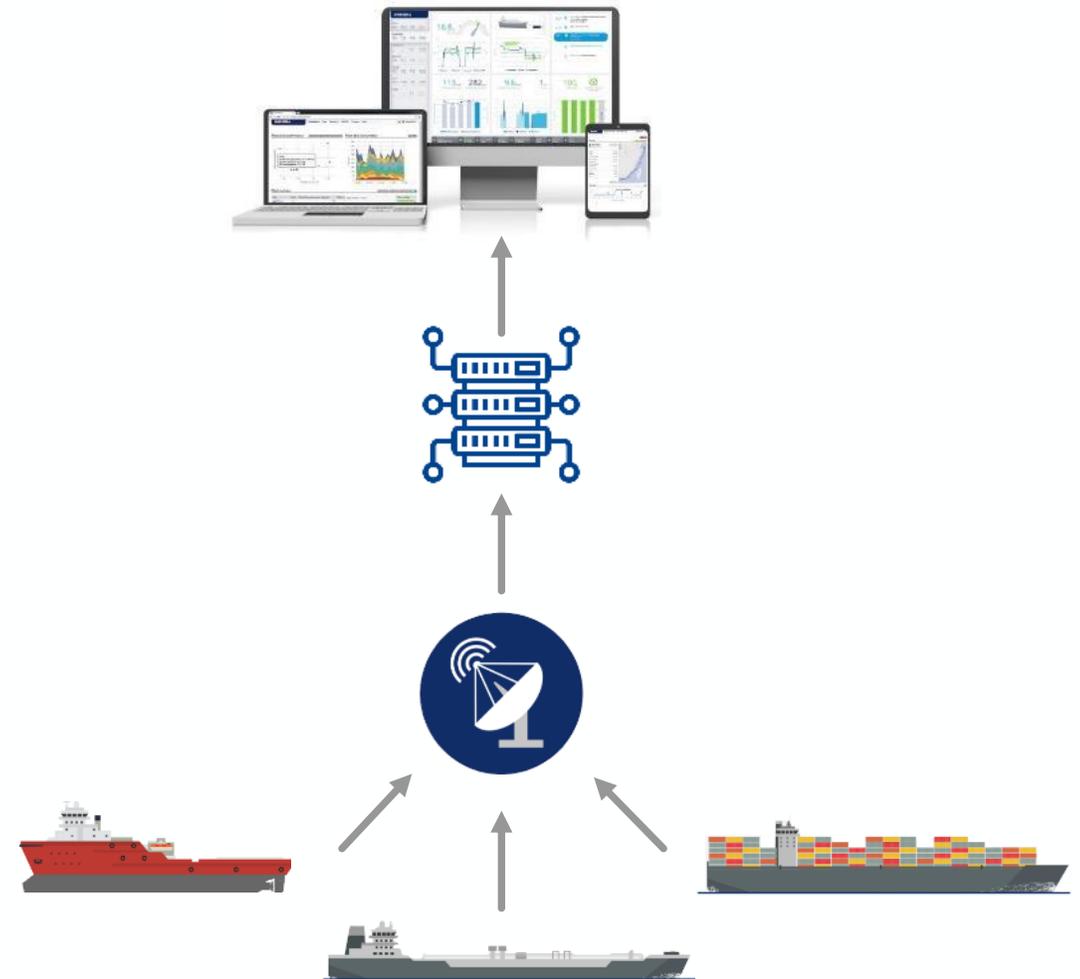
- Estimated market size: 730 m\$ in 2025<sup>(1)</sup>

## GTT has all the skills to build a strong position

- Technical knowledge
- Commercial network

## GTT ambitions to become a reference player in this domain

- Organic development
- Targeted acquisitions

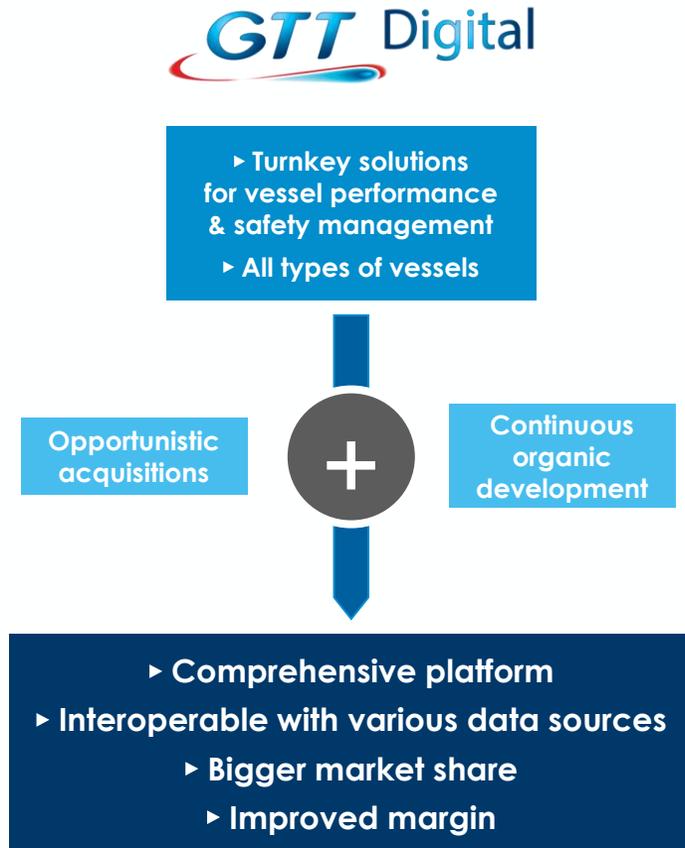


(1) Source: Arkwright

Market includes: Performance management, E-navigation, Weather & Routing, Fleet operations, Maintenance optimization

# Digital Solutions **for sustainable shipping**

## GTT DIGITAL PLATFORM



## 2021 achievements

- AiP<sup>(1)</sup> from BV for the **tank predictive maintenance solution** (Sloshing Virtual Sensor)
- MPA<sup>(2)</sup> awarded Ascenz a funding under MINT<sup>(3)</sup> Fund **to develop the eBDN solution**
- Launch of **LNG Optim**, a solution to optimise vessel operational and environmental performance

## Ambition for 2022

- Win market share, tenders and new clients through **turnkey solutions**
- Deploy **emissions measurement** solutions to help owners and charterers **get ready for 2023**
- Introduce an **innovative route** optimisation solution to improve **vessel safety and economics**

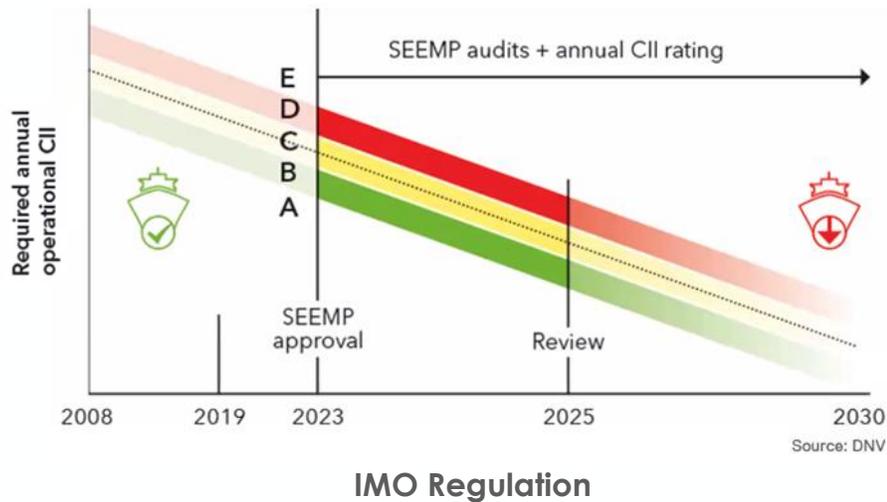
(1) Approval in Principal

(2) Maritime Port Authority of Singapore

(3) Maritime Innovation and Technology

# Digital Solutions **to monitor the fleet**

**Focus on Carbon Intensity Index (CII) monitoring** is a critical topic for the maritime industry and a key driver for smart shipping



**CII requirements will be mandatory from 2023** with the first milestone being a reduction of carbon intensity by 40% by 2030 (vs. 2008 baseline)

GTT new digital features provide a clear overview of the vessel scores and targets, enabling our customers to **monitor their fleet CII**

KPIs promote **continuous awareness:**

- to ensure that all vessels are complying with the rating
- and help identify vessels which need to improve their CII ratings

3

Strategy  
& activity

**ELOGEN**



elogen



# Elogen, a key French player in green hydrogen

## A successful transformation since the acquisition by GTT

- Team reinforcement with **25 new hires**
- **Commercial wins** on innovative projects (HyPSTER project with Storengy, SmartQuart project with E.ON)
- Nearly **€15 millions invested by GTT Group** for the development of Elogen

## Entering a new phase of development

- **Industrial ramp-up** with a production capacity of **160 MW per year** and an increase in average capacity per project, around 1MW
- **Total production capacity of more than 1GW** if the Gigafactory project is selected as part of the IPCEI<sup>(1)</sup>
- **Commercial expansion** thanks to an enlarged product portfolio

(1) IPCEI (Important Project of Common European Interest), if not at least 400 MW to be commercialized by 2030

(2) Including 0.6 M€ of operating subsidies

## Key figures

2021 Order Intake

6.2 M€

2021 Revenues<sup>(2)</sup>

5.6 M€

Production capacity

160MW  
/year from  
Q1 2022

Employees

50+

# Well-positioned on a very dynamic electrolyser market

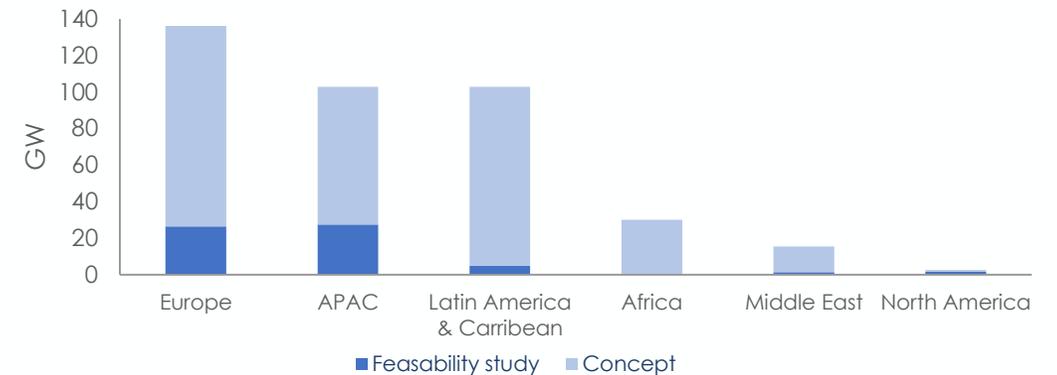
## ELECTROLYSER PROJECTS BY CAPACITY RANGE AND MATURITY



### Current trend towards bigger projects

- Most of projects are currently **below 10MW**
- Projects **above 10MW, and even 100MW**, to dominate in the future

## ELECTROLYSER FUTURE PROJECTS IN THE WORLD



### Very strong market dynamic and potential

- Under construction projects (~0,6GW) representing nearly the **double** of the electrolysis current operating capacity
- ~400GW currently in discussion with more than **60GW** at a feasibility study stage, mainly in **Europe** and **APAC** regions

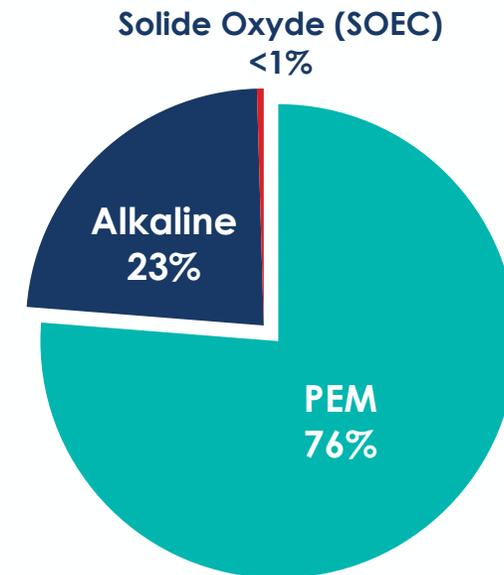
**Elogen already preparing to address these projects with adapted offer and increased industrial capabilities**

# PEM technology offers **high growth potential**

PEM technology is the most adapted solution to produce green H<sub>2</sub>

- Most adapted technology to the **intermittence of renewable energy**
  - Flexible and responsive technology adapted to “stop & start” functioning
- **Reliable** solution, simple to maintain, no handling of hazardous substances
- Small **footprint**, ideal for offshore fields
- High **innovation** potential
  - Expected decrease in CapEx
  - Room for efficiency improvement (power consumption is the main contributor to H<sub>2</sub> total cost)

## PEM IS THE PREFERRED TECHNOLOGY FOR NEW PROJECTS\*

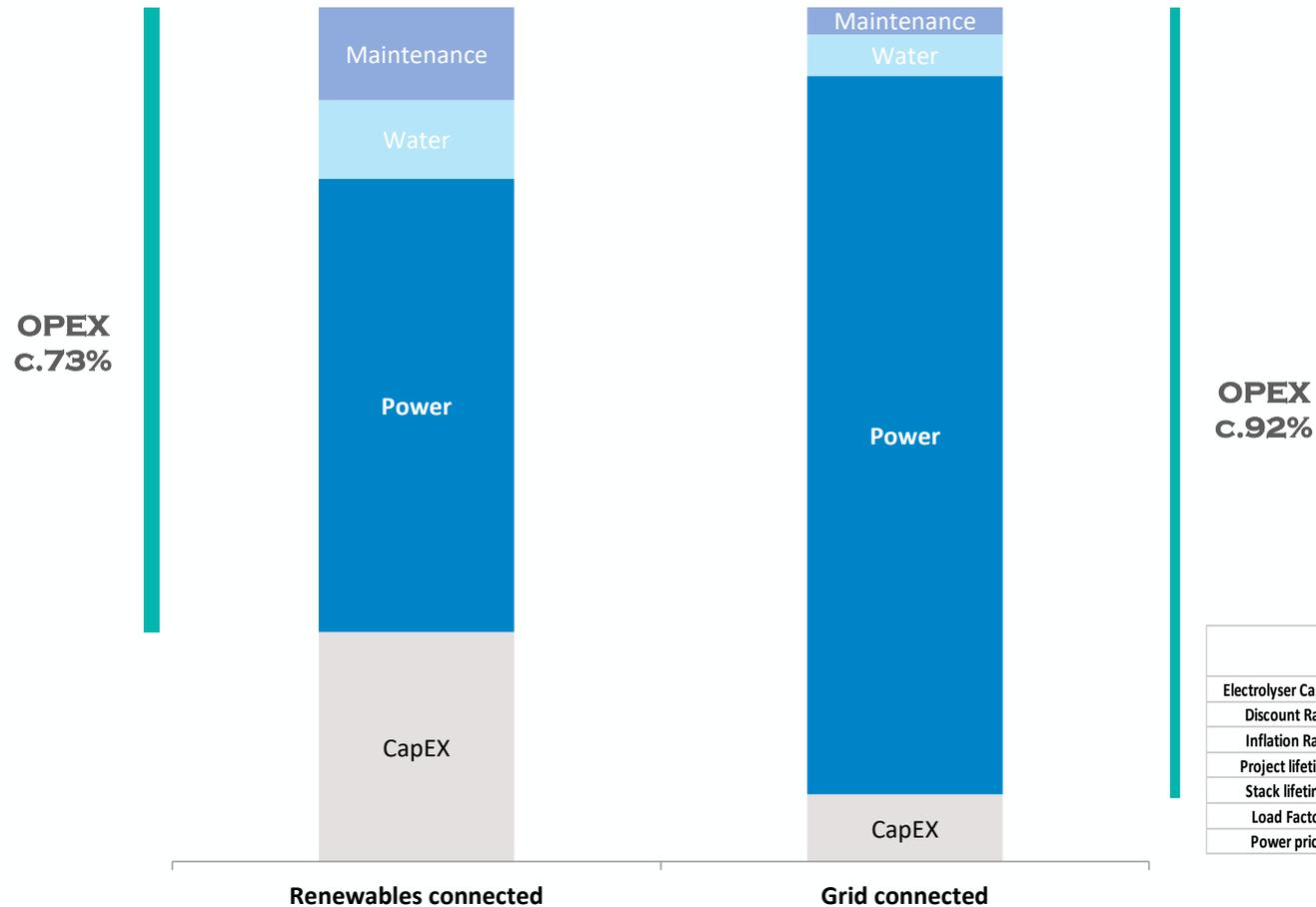


Source: IEA

\* Focus on projects at a “Feasibility study” stage where the technology is already identified (~9GW)

# Cost of hydrogen: Improving electrolysers efficiency is a key driver to reduce OPEX

BREAKDOWN OF HYDROGEN COST (€/KG) – BASE 100



Key assumptions

	Renewables connected	Grid connected (renewable energy)
Electrolyser Capacity	1 MW	
Discount Rate	6%	
Inflation Rate	2,5%	
Project lifetime	20 years	
Stack lifetime	80 000 hours	
Load Factor	50%	90%
Power price	50€/MWh	150€/MWh

# Elogen growth **to rely on its three strategic pillars**

## R&D

### New materials

- Increase **competitiveness** through cost reduction and efficiency improvement (kWh/H<sub>2</sub>kg) and create **entry barriers**
- Dec. 2021: signature of a collaboration agreement with the French **University Paris Saclay** renowned for its expertise in materials science for the electrolysis of water

### High-power stacks

- Give access **to larger projects**, above 10 MW
- Target: **1 MW** stack ready to be sold in 2023

### Balance Of Plant (BOP) optimization

- Increase **competitiveness** through Capex reduction (€/kW)
- BOP can represent a significant part **of electrolyser Capex**

## PRODUCTION MASSIFICATION

### Currently

- **Elogen** is currently the **only player** producing in France (Les Ulis, Greater Paris area)
- **Up to 160 MW per year** thanks to a new assembly line commissioned in Q1 2022

### Gigafactory project

- Pre-notification expected in H1 2022 by the **French Government** to the European Commission within the framework of the **IPCEI<sup>(1)</sup>** of hydrogen for **financing** the project
- Preliminary study achieved with a capacity target of **more than 1GW**
- **Production** to start in **2025**

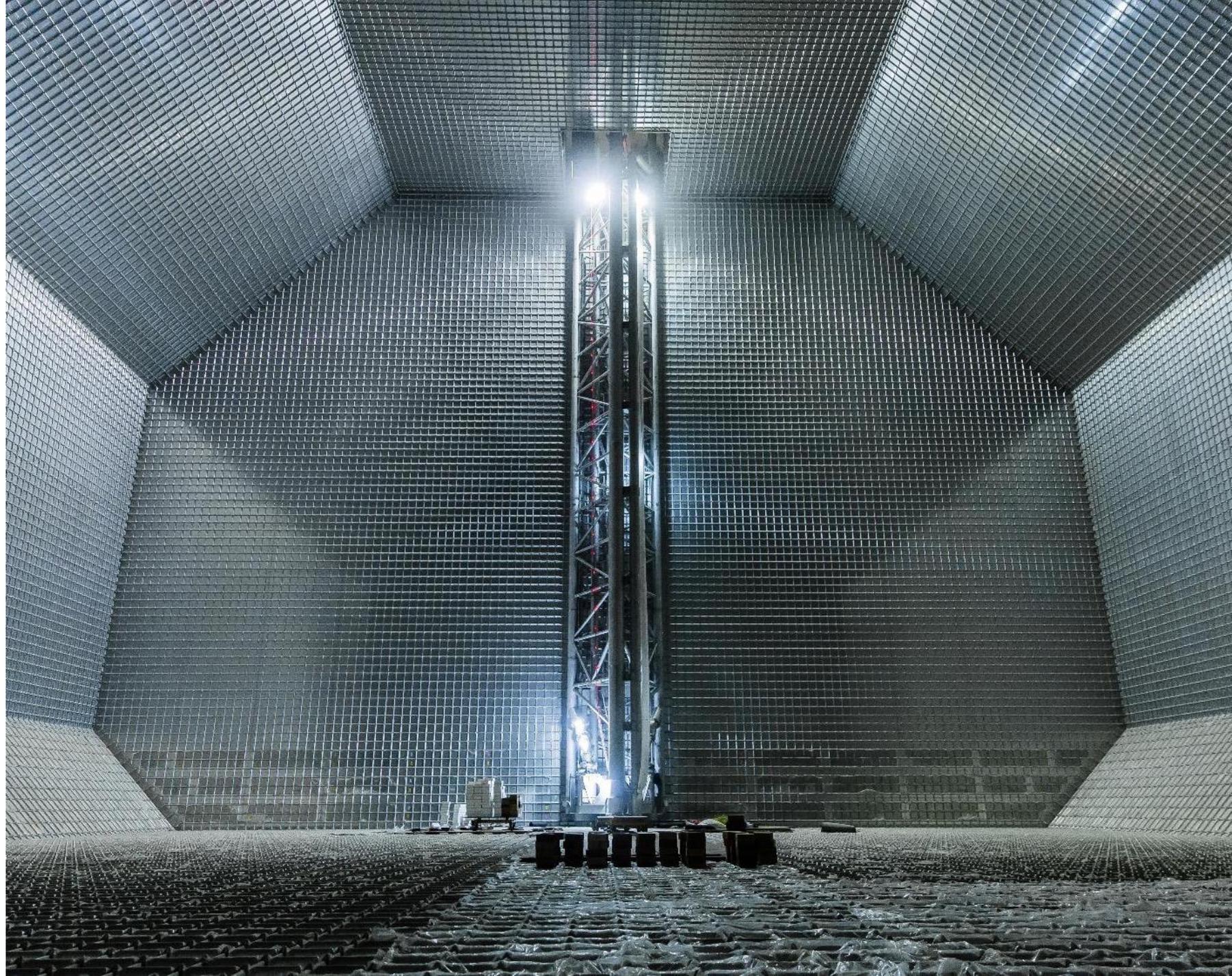
## ROBUSTNESS & RELIABILITY

### Objectives

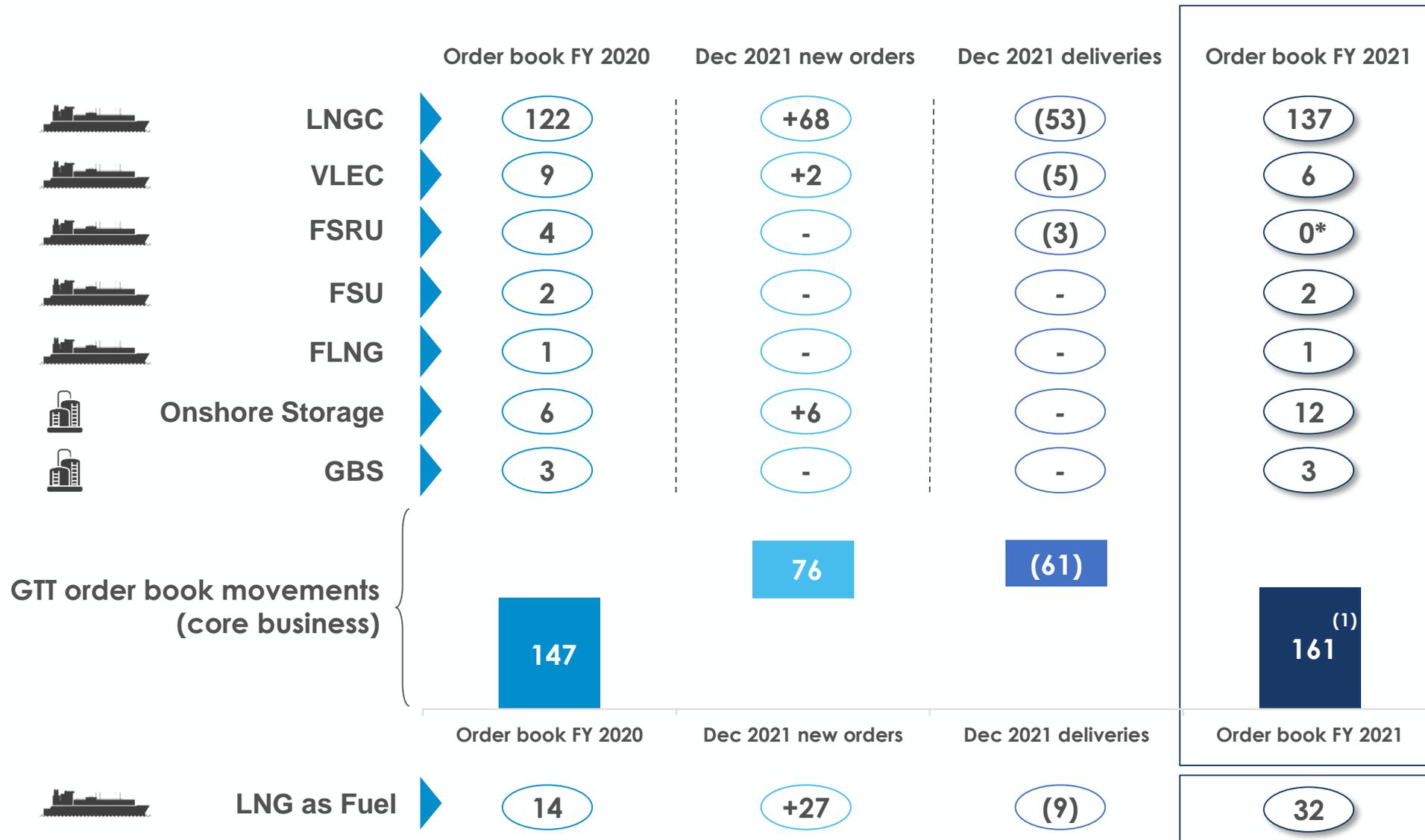
- Design **reliable systems**
- Target **technical excellence**

# 4

## FINANCIALS



# 2021: An order book that reflects the commercial dynamics



# FY 2021: An all time high order book (core business<sup>(1)</sup>)

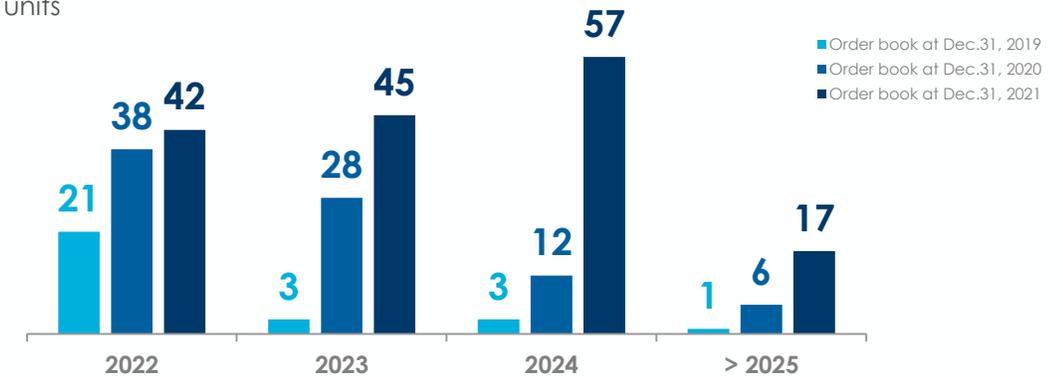
## ORDER BOOK IN UNITS

In units



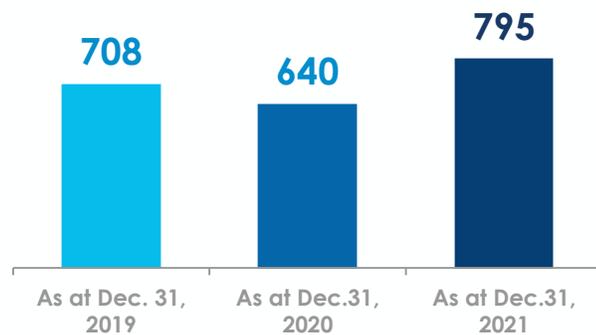
## ORDER BOOK BY YEAR OF DELIVERY (UNITS PER YEAR)

In units



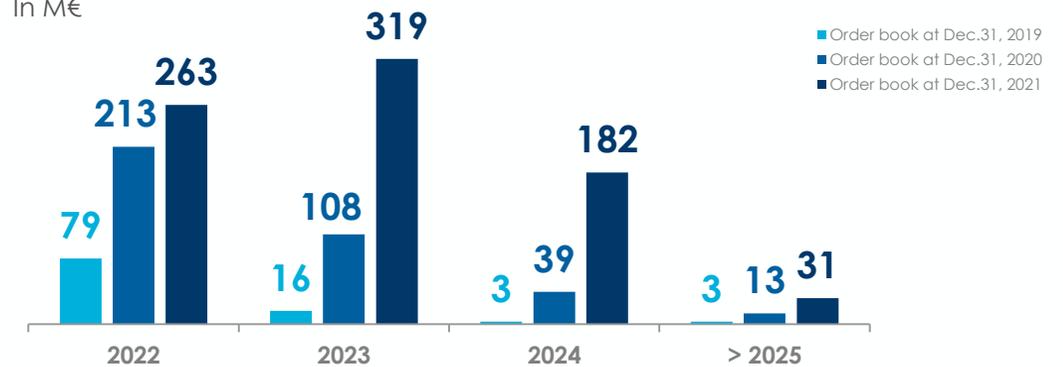
## ORDER BOOK IN VALUE

In M€



## REVENUES EXPECTED FROM CURRENT ORDER BOOK

In M€



# FY 2021: Robust financial performance

## SUMMARY CONSOLIDATED ACCOUNTS

in €M	FY 2020	FY 2021	Change
<b>Total Revenues</b>	<b>396.4</b>	<b>314.7</b>	-20.6%
<b>EBITDA</b>	<b>242.7</b>	<b>172.2</b>	-29.0%
Margin (%)	61.2%	54.7%	
<b>Operating Income/ EBIT</b>	<b>236.3</b>	<b>164.6</b>	-30.3%
Margin (%)	59.6%	52.3%	
<b>Net Income</b>	<b>198.9</b>	<b>134.1</b>	-32.6%
Margin (%)	50.2%	42.6%	
Change in Working Capital	-62.0	+68.4	nm
Capex	-21.8	-16.0	-26.4%
Free Cash Flow	158.9	224.6	+41.4%
Dividend paid	-157.6	-115.7	-26.6%
Cash position	141.7	203.8	

## KEY HIGHLIGHTS

Revenues  
**€315M**

**(-21% vs 2020 and +9% vs 2019)**

- Revenues from newbuilds (royalties): €292.4 million (-23% vs 2020 peak)
- Revenues from Elogen: €5.6 million (including €0.6 million of operating subsidies)
- Revenues from services: €17 million (+20%)

EBITDA  
**€172M**

**(-29% vs 2020 and -1% vs 2019)**

- Lean and fit cost approach
- Impact of Elogen

Change in WCR

**Positive movement** due to number of deliveries and flow of new orders

Capex

-26% following 2020 impact of acquisitions

# FY 2021: Stable cost base in spite of recent acquisitions impact

## GTT CONSOLIDATED OPERATIONAL COSTS

in €M	FY 2020	FY 2021	Change (%)
<b>Goods purchased</b>	<b>(8.7)</b>	<b>(12.7)</b>	<b>+46%</b>
% sales	-2%	-4%	
Subcontracted Test and Studies	(38.2)	(27.6)	-28%
Rental and Insurance	(6.6)	(6.9)	+6%
Travel Expenditures	(7.0)	(6.9)	-2%
Other External Costs	(16.7)	(18.3)	+9%
<b>Total External Costs</b>	<b>(68.5)</b>	<b>(59.7)</b>	<b>-13%</b>
% sales	-17%	-19.0%	
Salaries and Social Charges	(53.0)	(56.7)	+7%
Share-based payments	(2.6)	(2.1)	-17%
Profit Sharing	(9.4)	(7.9)	-16%
<b>Total Staff Costs</b>	<b>(64.9)</b>	<b>(66.6)</b>	<b>+3%</b>
% sales	-16%	-21%	
<b>Other (research tax credit)</b>	<b>5.7</b>	<b>3.9</b>	<b>-25%</b>
% sales	1%	1%	

## KEY HIGHLIGHTS

**Goods purchased** (+46% vs 2020)  
**€13M**

- Due to Elogen contract

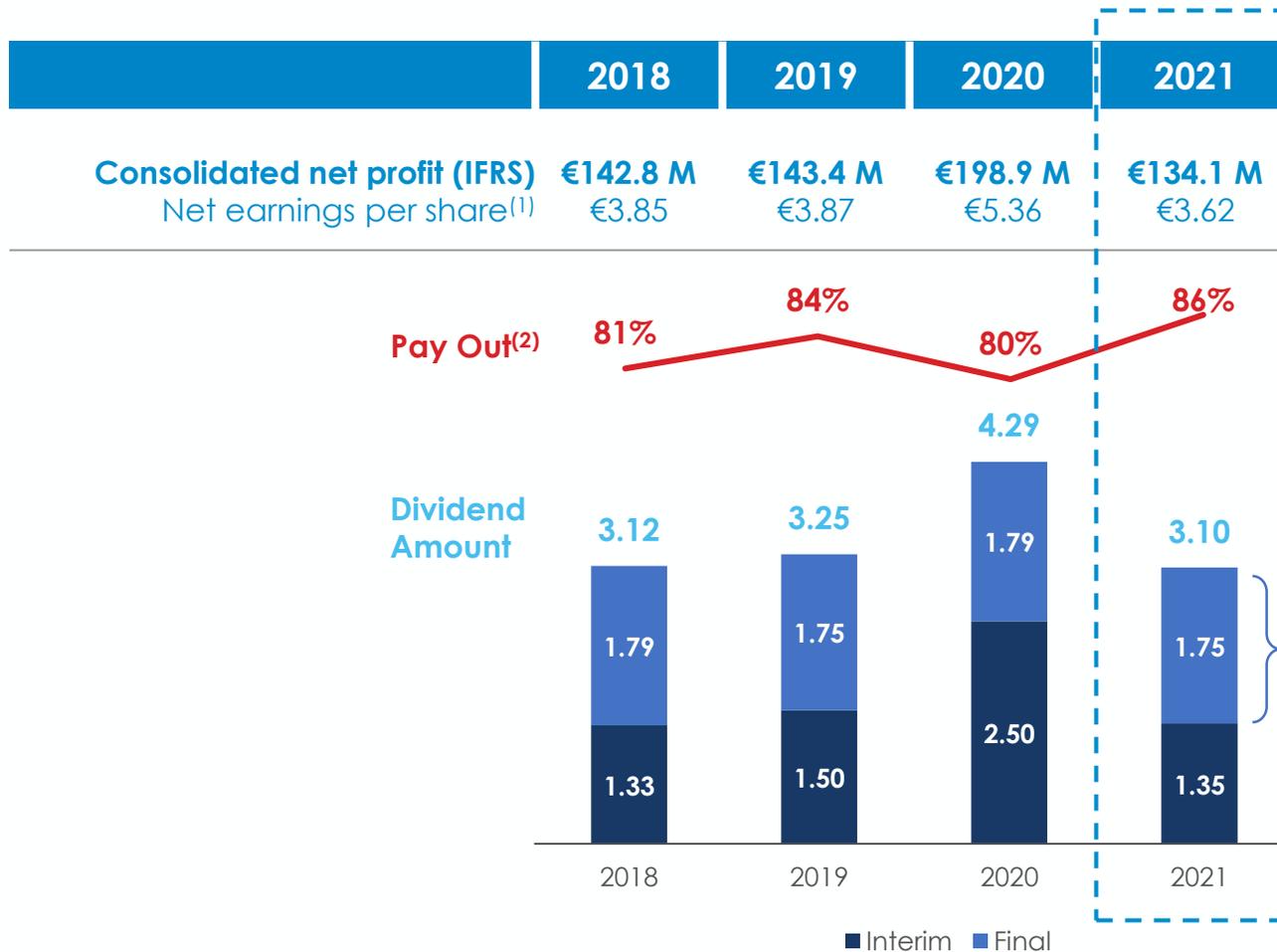
**External costs** (-13% vs 2020)  
**€60M**

- Subcontractors: -28%, thanks to cost control
- Other external costs: +9% due to one-off external consultancies

**Staff costs** (+3% vs 2020)  
**€67M**

- Increase of staff costs linked to Elogen and OSE Engineering integration
- Lean and fit management approach at GTT SA
- Decrease in profit sharing

# 2021 Dividend



### Balance dividend of €1.75<sup>(3)</sup>

- Record date: June 6, 2022
- Payment date: June 8, 2022

- (1) Net earnings per share is based on the weighted average number of shares outstanding
- (2) Dividend payout ratio calculated on profit distributed (and possible distribution of reserves) as % of consolidated net profit for the financial year
- (3) Subject to approval by the Shareholders' Meeting and the distributable profits in the corporate financial statements of GTT SA

# 5

## Outlook



# 2022 Outlook

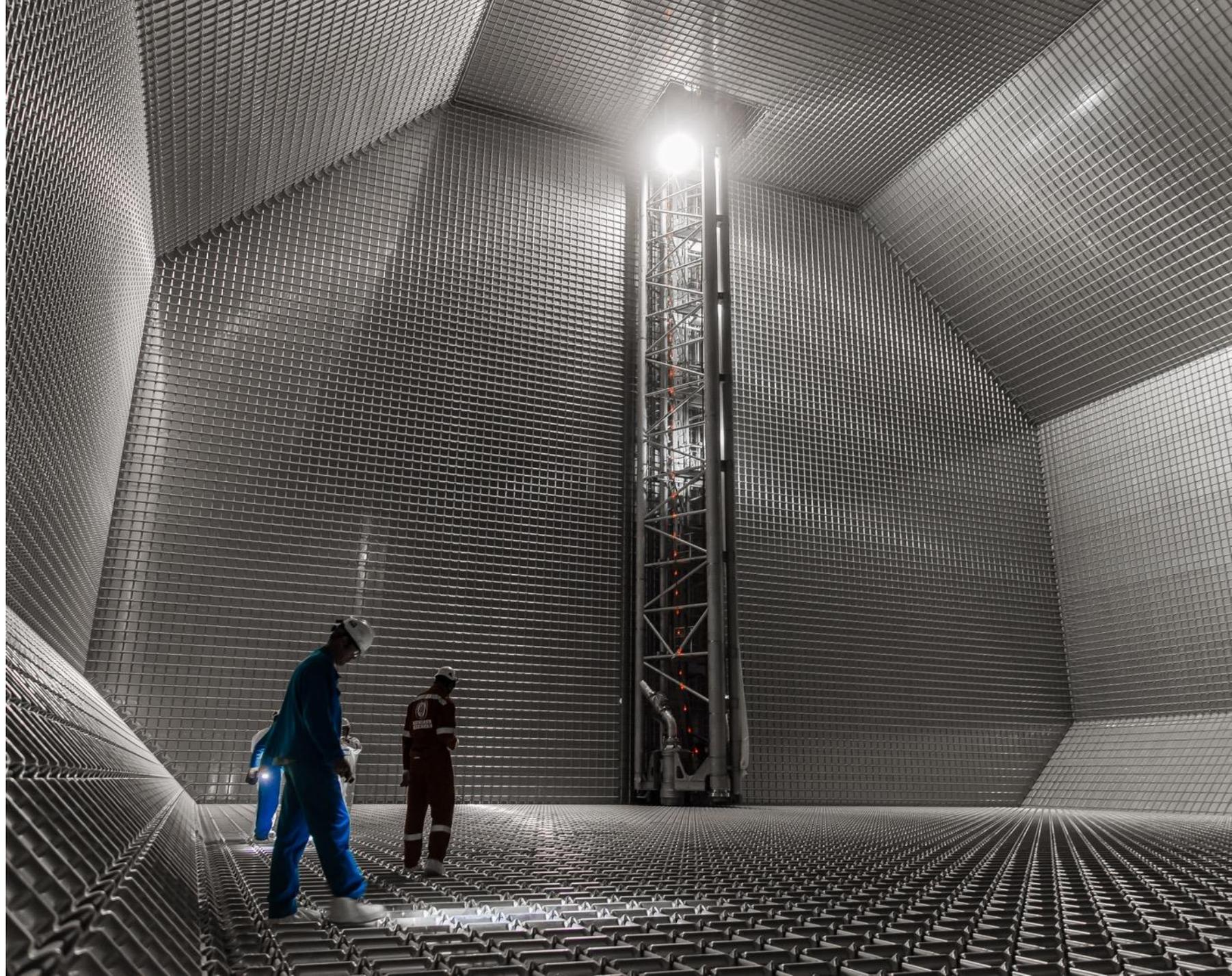
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<b>Revenue</b>	— 2022 consolidated revenue estimated in a range of <b>€290M to €320M</b>
<b>EBITDA</b>	— 2022 consolidated EBITDA estimated in a range of <b>€140M to €170M</b>
<b>Dividend Payment<sup>(1)</sup></b>	— 2022 dividend: amount at least equivalent to that proposed for fiscal year 2021
<b>Mid-term outlook</b>	— Revenue and results expected, from 2023 onwards, to be significantly higher than in 2022, driven by robust order momentum

Note: In the absence of any significant delays or cancellations in orders. Variations in order intake between periods could lead to fluctuations in revenues

(1) Subject to approval of Shareholders' meeting. GTT by-laws provide that dividends may be paid in cash or in shares based on each shareholder's preference

# Q&A



# Glossary

The following abbreviations have been used throughout this document

<b>BOR</b>	Boil Off Rate	<b>FSU</b>	Floating Storage Unit	<b>MEGI</b>	M-type, Electronically Controlled Gas Injection
<b>APAC</b>	Asia-Pacific	<b>GBS</b>	Gravity Based Structure	<b>Mtpa</b>	Million tons per annum
<b>CAGR</b>	Compound Annual Growth Rate	<b>GHG</b>	Greenhouse Gases	<b>MW</b>	Megawatt
<b>DFDE</b>	Dual Fuel Diesel Electric	<b>GW</b>	Gigawatt	<b>NOx</b>	Nitrogen Oxide
<b>EBITDA</b>	Earnings Before Interest, Tax, Depreciation & Amortization	<b>HFO</b>	Heavy Fuel Oil	<b>O&amp;G</b>	Oil & Gas
<b>EEDI</b>	Energy Efficiency Design Index	<b>IMO</b>	International Maritime Organization	<b>PEM</b>	Polymer Electrolyte Membrane
<b>EEXI</b>	Energy Efficiency Existing Ship Index	<b>IT</b>	Information Technology	<b>R&amp;D</b>	Research & Development
<b>EJ</b>	Exajoule	<b>KFTC</b>	Korea Fair Trade Commission	<b>SOx</b>	Sulfur Oxide
<b>EPC</b>	Engineering, Procurement & Construction	<b>kW</b>	Kilowatt	<b>TEU</b>	Twenty-foot Equivalent Unit
<b>ESG</b>	Environmental, Social & Governance	<b>LNG</b>	Liquefied Natural Gas	<b>VLEC</b>	Very Large Ethane Carrier
<b>ETS</b>	Emissions Trading System	<b>LNGC</b>	LNG Carrier	<b>XFD</b>	Type of propulsion system
<b>FLNG</b>	Floating Liquefied Natural Gas	<b>LSFO</b>	Low Sulfur Fuel Oil		
<b>FSRU</b>	Floating Storage Regasification Unit	<b>LTI</b>	Long Term Incentives		

