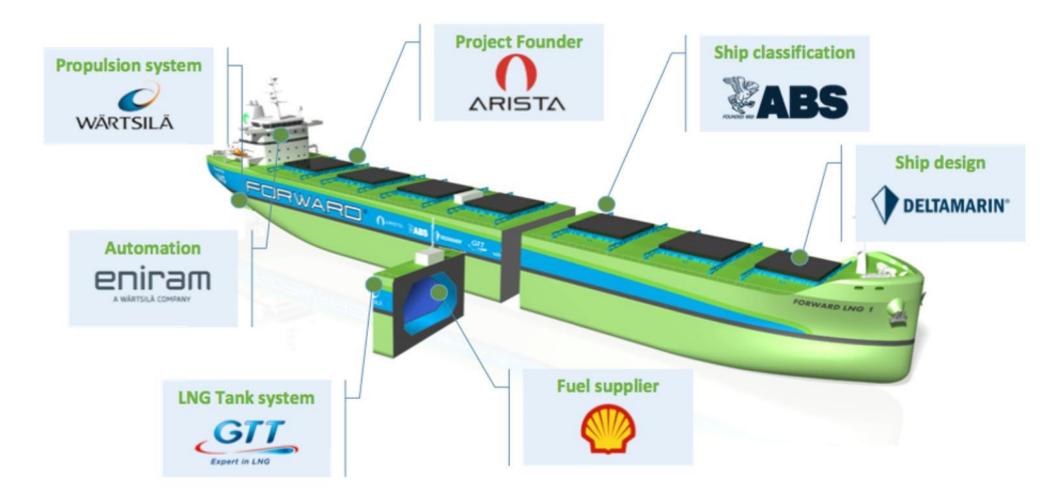
If you were to build a company that aligns with IMO's 2050 emission reduction targets, you would build it on LNG.

Our Vision - Leading an Alliance of Industry Leaders



Shell Calls us a "Game Changer"



Forward Ships is a credible, feasible, game-changer.

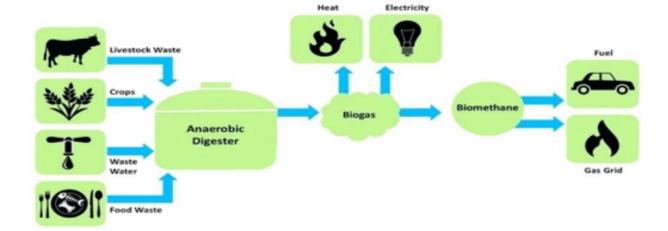
SHELL HAS COMMITTED TO:

Adequate bunkering to launch Forward's operation on 100% LNG

Forward Meets IMO's 2050 Emission Targets Today

EEDI	Action to be taken									
reduction from Phase 0 baseline	Service speed reduction	% of carbon neutral fuel in the mix								
-40%	0.3 kn	0								
-50%	I.8 kn	0								
-70%	5.7 kn	0								
-70%	0.0 kn	55%								
-70%	I.8 kn	40%								



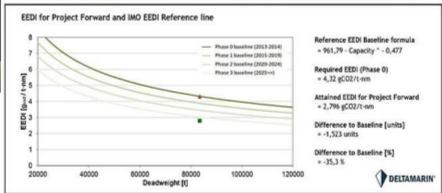


Forward's Patented Kamsarmax is Future-proof

Scale Model Tests Confirm Our Performance Predictions for IMO 2050 targets

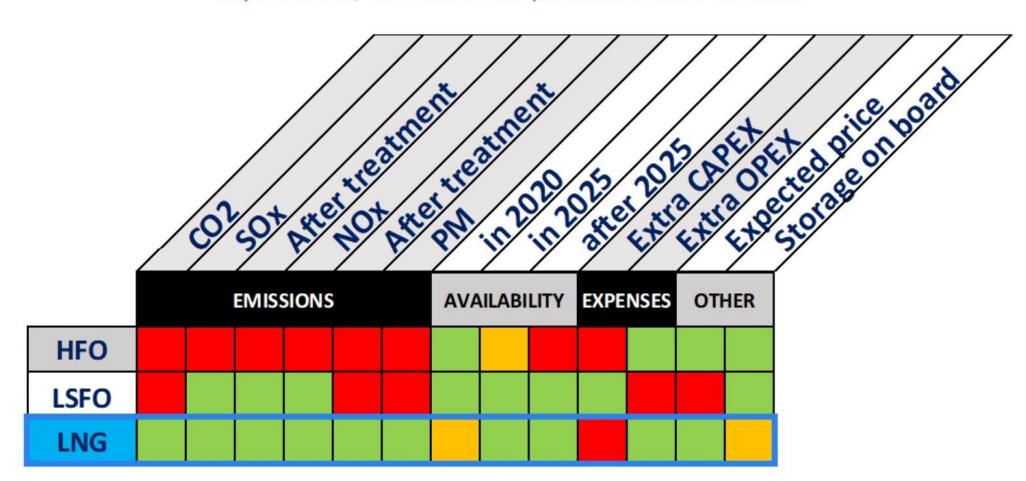


EEDI	Action to	be taken
reduction from Phase 0 baseline	Service speed reduction	% of carbon neutral fuel in the mix
-40%	0.3 kn	0
-50%	1.8 kn	0
-70%	5.7 kn	0
-70%	0.0 kn	55%
-70%	1.8 kn	40%



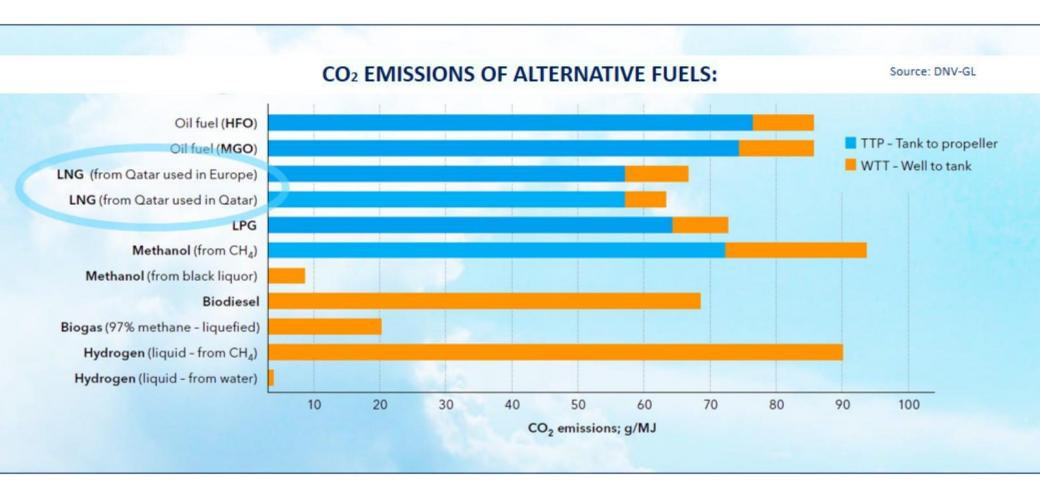
Why LNG as a Fuel

Beyond 2020, CO2 and other pollutants come to focus



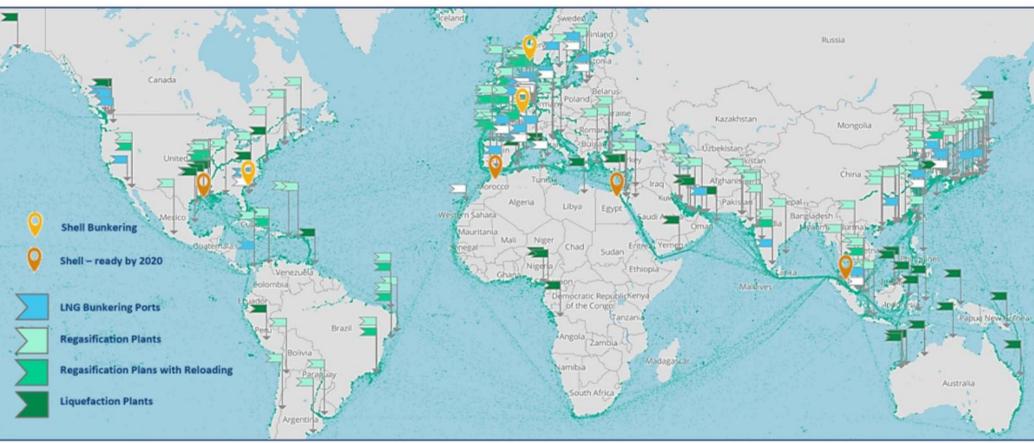
Why LNG as a Fuel

Beyond 2020, CO2 and other pollutants come to focus



LNG is Generally Available

2019: LNG fuel is available in 150 global locations and overlapping with key maritime hubs



2019:

49 Ports supplying LNG

282 LNG-fueled ships in operation and on order

139 LNG-ready ships

30 Bunker Vessels supplying LNG as fuel (6 in operation)

Large container players committing to LNG: CMA-CGM ordered 9 ships of 22K TEU

Source: GTT, Capital Link presentation, March 2018

Sources:





Historically, LNG is Cost-Competitive

Over the past 10 years, having operated our Forward Kamsarmax fueled with LNG vs. MGO would have created a \$20m hard cash accumulated savings



Fuels: The recipe for the perfect Price Arbitrage

The spread between high and low sulphur fuel oil has already widened significantly for 2020



NOTES:

0.5% LSFO and LNG fuels are not reported – Platts only now does

Forward's Kamsarmax is Cost-Competitive already Today

August 12, 2019, Rotterdam

FUEL TYPE	PRICE		PER	EQUIVA QUAN		т	OTAL COST	Δ over LNG	Ì	∆ over LNG SPOT
LSMGO	\$	529.50	t	7,568	t	\$	4,007,256	\$ 1,379,564	\$	2,271,452
LSFO	\$	483.90	t	7,568	t	\$	3,662,155	\$ 1,034,463	\$	1,926,351
HFO 380	\$	301.50	t	7,979	t	\$ 2,405,669		\$ (222,023)	\$	669,864
LNG	\$	8.80	MMBtu	298,584	MMBtu	\$	2,627,692	\$ -	\$	891,888
LNG SPOT	\$	5.81	MMBtu	298,584 MMBt		\$ 1,735,804		\$ (891,888)	\$	-

August 12, 2019, Singapore

FUEL TYPE	PRICE		PER	EQUIVA QUAN		TOTAL COST			Δ over LNG	,	Δ over LNG SPOT		
LSMGO	\$	561.00	t	7,568	t	\$	4,245,648	\$	1,490,354	\$	2,339,399		
LSFO	\$	520.30	t	7,568	t	\$	3,937,630	\$	1,182,337	\$	2,031,382		
HFO 380	\$	357.50	t	7,979	t	\$	2,852,493	\$	97,199	\$	946,244		
LNG	\$	9.23	MMBtu	298,584	MMBtu	\$	2,755,294	\$	-	\$	849,045		
LNG SPOT	\$	6.38	MMBtu	298,584	MMBtu	\$	1,906,249	\$	(849,045)	\$	-		

As per above, the first 100 ships alone can produce savings of approx. 2 m / ship x 100 ships = 200 m / year = 4 billion in twenty years, covering essentially the full value of the capital investment.

- LNG total cost includes including pilot fuel of LSMGO of approx. 100 t / year
- 5,500 running hours or 230 sailing days a year, at service speed
- * Savings between LSMGO and LNG assume ships operate only in ECA 0.1% areas

SAVINGS

PER FORWARD KAMSARMAX
PER YEAR UP TO

\$2,271,000

"A once-in-a-generation disruption"



Forward Ships is proud to be a Founding Signatory



Unleashing the potential of the global moritime industry

Call to Action in support of decarbonization

Getting to Zero Coalition

> We are a member of the **Getting to Zero Coalition**

> > #GettingtoZeroCoalition

www.forwardships.com

ANNEX

Now & the Future: Forward's Kamsarmax's Savings

FORWARD SHIPS: Competitive Yearly Savings with LNG vs. 0.5% LSFO (in USD)

ANNUAL DIFFERENCE IN FUEL COST

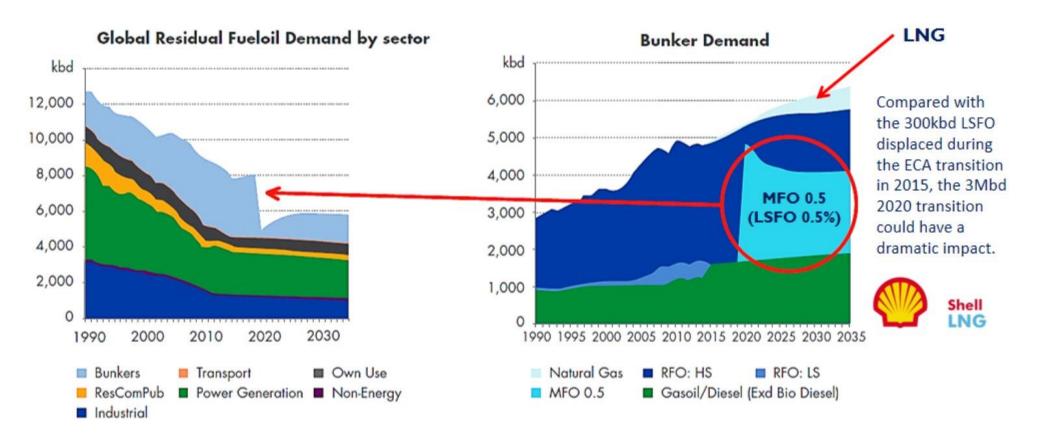
	FUEL PRICE (USD/MT)														-							
		\$ 300	\$	350	\$	400	\$ 4	50	\$	500	\$	550	\$	600	\$	700	\$	800	\$	900	\$	1,000
	\$ 2	1,713,769	2,111	,989	2,510	209	2,908,42	9	3,306,64	49	3,7	04,869	4,	103,090	4,8	99,530	5,69	5,970	6,49	2,411	7,2	88,851
3	\$ 3	1,406,636	1,804	,856	2,203	,076	2,601,29	6	7,000 51	16	3,3	97,736	3,	795,957	4,5	92,397	5,38	38,837	6,18	5,278	6,9	81,718
IBT	\$ 4	1,099,502	1,497	,723	1,895	,943	2,294,16	3	2,692,38	83	3,6	50,603	3,	488,823	4,2	85,264	5,08	31,704	5,87	8,144	6,6	74,585
/MMBTU)	\$ 5	792,369	1,190	,590	1,588	8,810	1,987,03	0	2,385,25	50	2,7	83,470	3,	181,590	3,9	78,131	4,77	74,571	5,57	1,011	6,3	67,452
/asn	\$ 6	485,236	883,4	456	1,281	,677	1,679,89	7	2,078,11	17	2,4	76,337	2,	874,557	3,0	70,998	4,4	57,438	5,26	3,878	6,0	60,319
Š	\$ 7	178,103	576,	323	974	543	1,372,76	4	1,770,98	84	2,1	69,204	2,	567,424	3,3	63,864		0,305	4,95	6,745	5,7	53,185
CE	\$ 8	-129,030	269,	190	667	410	1,065,63	1	1,463,85	51	1,8	62,071	2,	260,291	3,0	56,731	3,85	3,172	4,64	9,612	5,4	46,052
PRI	\$ 9	-436,163	-37,9	943	360,	277	758,497		1,156,71	18	1,5	54,938	1,	953,158	2,7	49,598	3,54	16,039	4,34	2,179	5,1	38,919
S	\$ 10	-743,296	-345,	076	53,	144	451,364		849,58	5	1,2	47,805	1,	646,025	2,4	42,465	3,23	38,906	4,03	5,346	4,8	31,786
-	\$ 11	-1,050,429	-652,	209	-253	,989	144,231		542,45	1	94	0,672	1,	338,892	2,1	35,332	2,93	31,772	3,72	8,213	4,	24,653
	\$ 12	-1,357,562	-959,	342	-561	,122	-162,90	2	235,31	8	63	3,538	1,	031,759	1,8	28,199	2,62	24,639	3,42	1,080	0	17,520

"The huge demand shift from HFO to LSFO is likely to increase bunker costs by up to four times their current level"

Wood Mackenzie Research March 2017

- The table above summarizes the cost benefits from bunker costs only, for various prices of LNG and liquid fuel, assuming 5,500 running hours or 230 sailing days a year, at service speed.
- Within normally expected price variations, Forward Ships yield savings of more than \$ 1 million per year.
- If the price of liquid fuel rises above \$550 USD/MT, Forward Ships are unquestionably the winners.

Fuels: The recipe for the perfect Price Arbitrage



Source: Shell, June 2017