





Fuel Options Available Do Not Get Us As Far As Needed			
Fuel Option for Propulsion		CO2 Reductions	
Advanced biofuels	INC is the Drie	25-100%	
LNG	LNG is the Brid 'Zero Emission		0-20%
Hydrogen	Shipping		0-100%
Ammonia			0-100%
Fuel cells	Barry Parker, Co Barry Parker, bdp1 Consult strategic and tactical suppo	ntributor ing Ltd provides ort	2-20%
Electricity			0-100%
W Government support for research in countries with capacity Sc Government support for making alternate fuels available at ports			
Nuclear		0-100%	
Source: ITF (2018). Decarbonizing maritime transport, Table 4.			

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## The Good News: There Are Industry Champions

## Maritime CEOs rally behind IMO efforts to de-carbonise world shipping

THE maritime industry is being urged to speed up both technological and business model innovation, further improve operational and technical energy efficiency, and switch to zero-carbon fuels and new propulsion systems in an effort to achieve de-carbonisation.

The message came as 34 CEOs and industry leaders worldwide gathered at the **Global Maritime Forum**, where they signed a call for action aimed at steering the industry towards decarbonisation, reported London's Tanker Operator.

... but there are significant concerns about cheating, and enforcement ... Hence governance at the national level is as important as multilateral.







