



Tidal Thames Environment and Heritage Conference

The River Users' perspective: Using the river to bring about improvements to the environment

31 January 2019

Waterborne Freight and the Environment

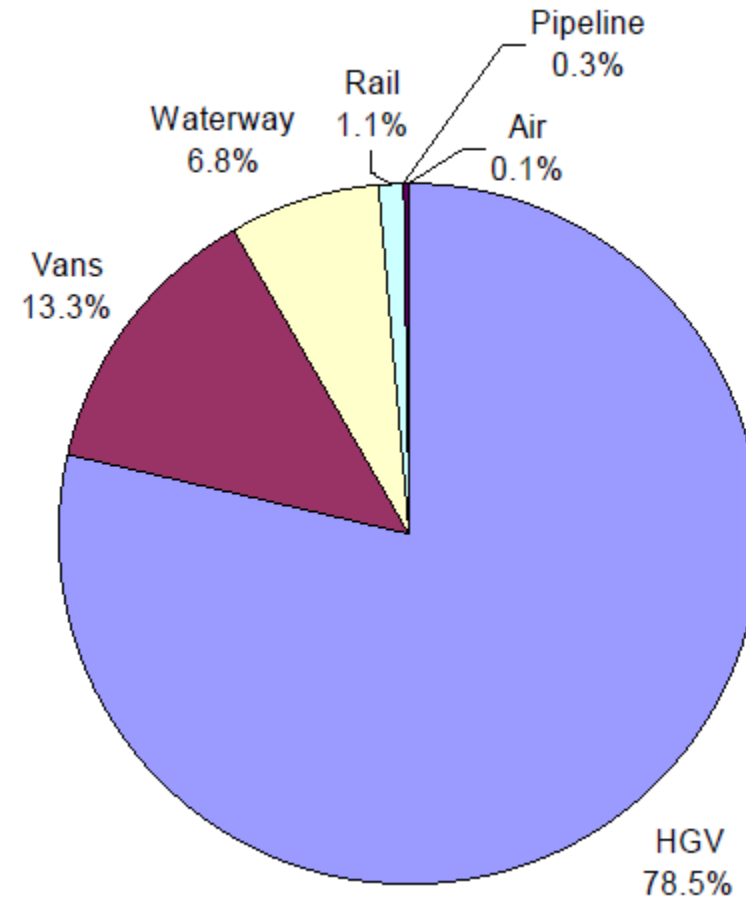
James Trimmer

Why Water?

- Congestion
- Carbon
- Air Quality



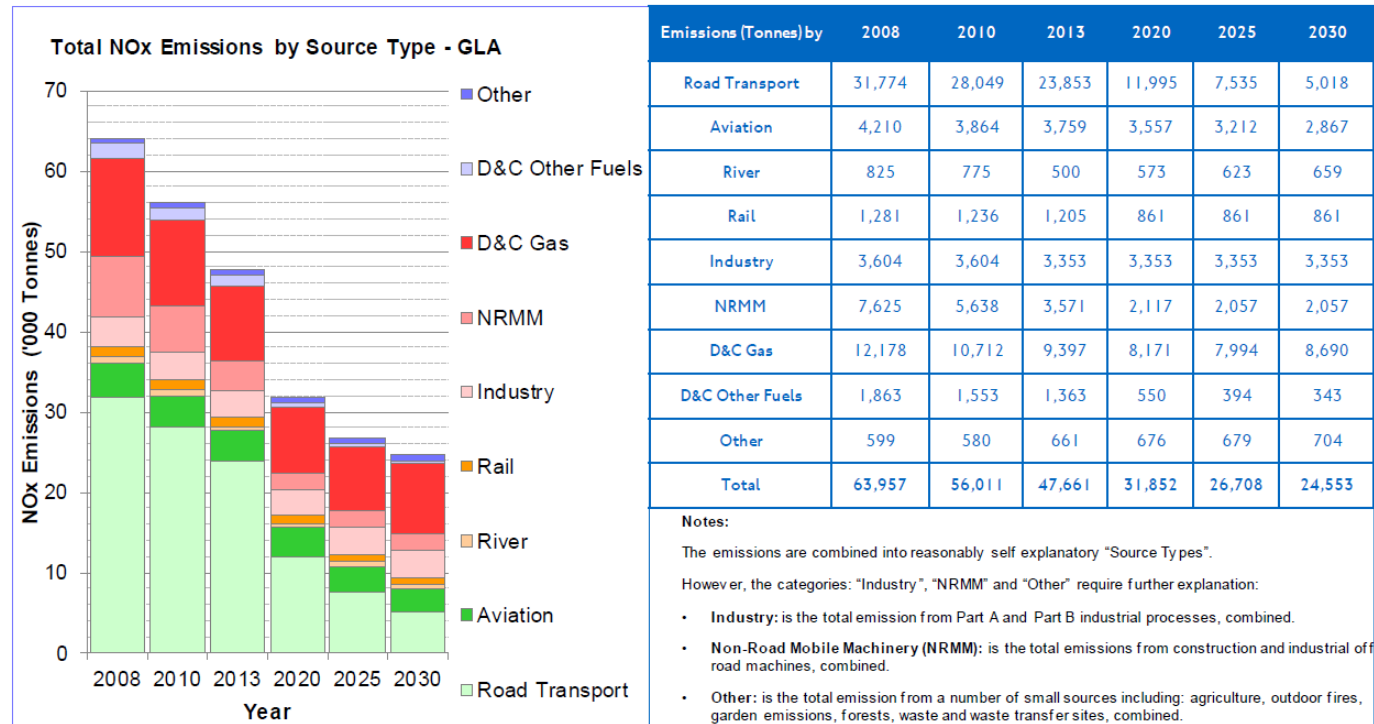
Carbon



Air Quality



Air Quality Baseline



NOx - GLA % Change in Emissions

Year	Road Transport	Aviation	River	Rail	Industry	NRMM	D&C Gas	D&C Other Fuels	Other	Grand Total
2008										
2010	-12%	-8%	-6%	-3%	0%	-28%	-12%	17%	-3%	-12%
2013	-25%	-11%	-39%	-6%	-7%	-53%	-23%	27%	10%	-25%
2020	-62%	-16%	-31%	-33%	-7%	-72%	-33%	70%	13%	-50%
2025	-76%	-24%	-24%	-33%	-7%	-73%	-34%	79%	13%	-58%
2030	-84%	-32%	-20%	-33%	-7%	-73%	-28%	82%	18%	-62%

Air Quality - Exposure Levels

Comparison between Road and River scenarios

