

Development of Shore Power Systems in Maltese Harbours

*MEDports Associatio
Green Transition Seminar*

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State of Play of shore power systems in Malta ... 2 ports

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Phase 1: 5x16 MVA on 5 different quays

Status: On-stream in 4th quarter 2022

Phase 2: Provision of Shore power to all other berths
(including ship repair + container facility)

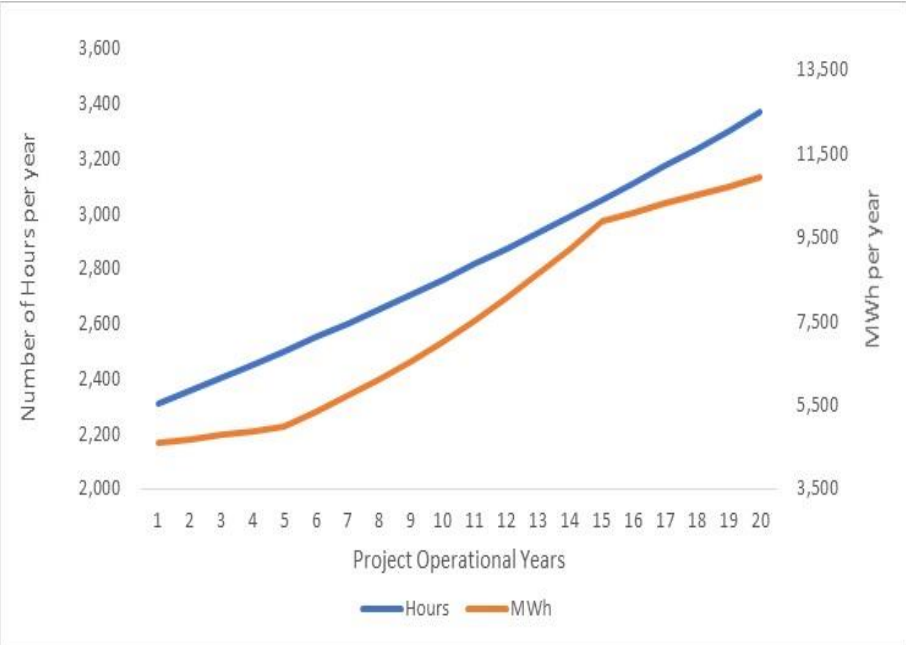
Status: Advanced planning/procurement

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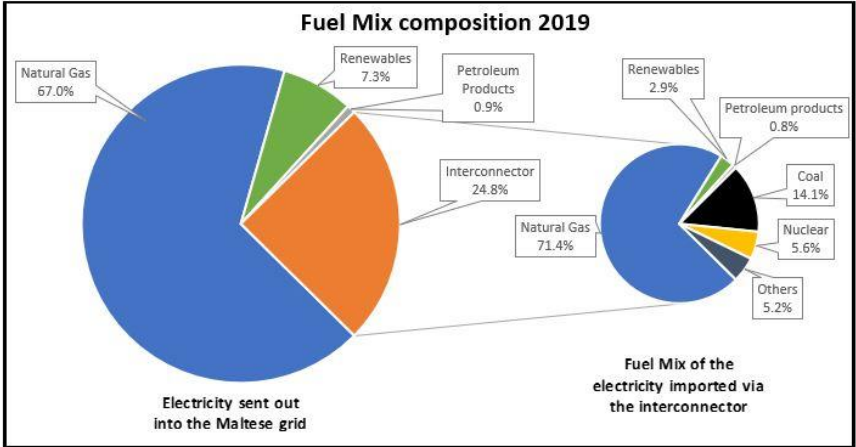
Phase 1: 2 x 7.5 MVA on 2 different quays
at Freeports

Status: Start of construction in 4th quarter
2022

Why?.....Significant Reductions in Emissions to Air

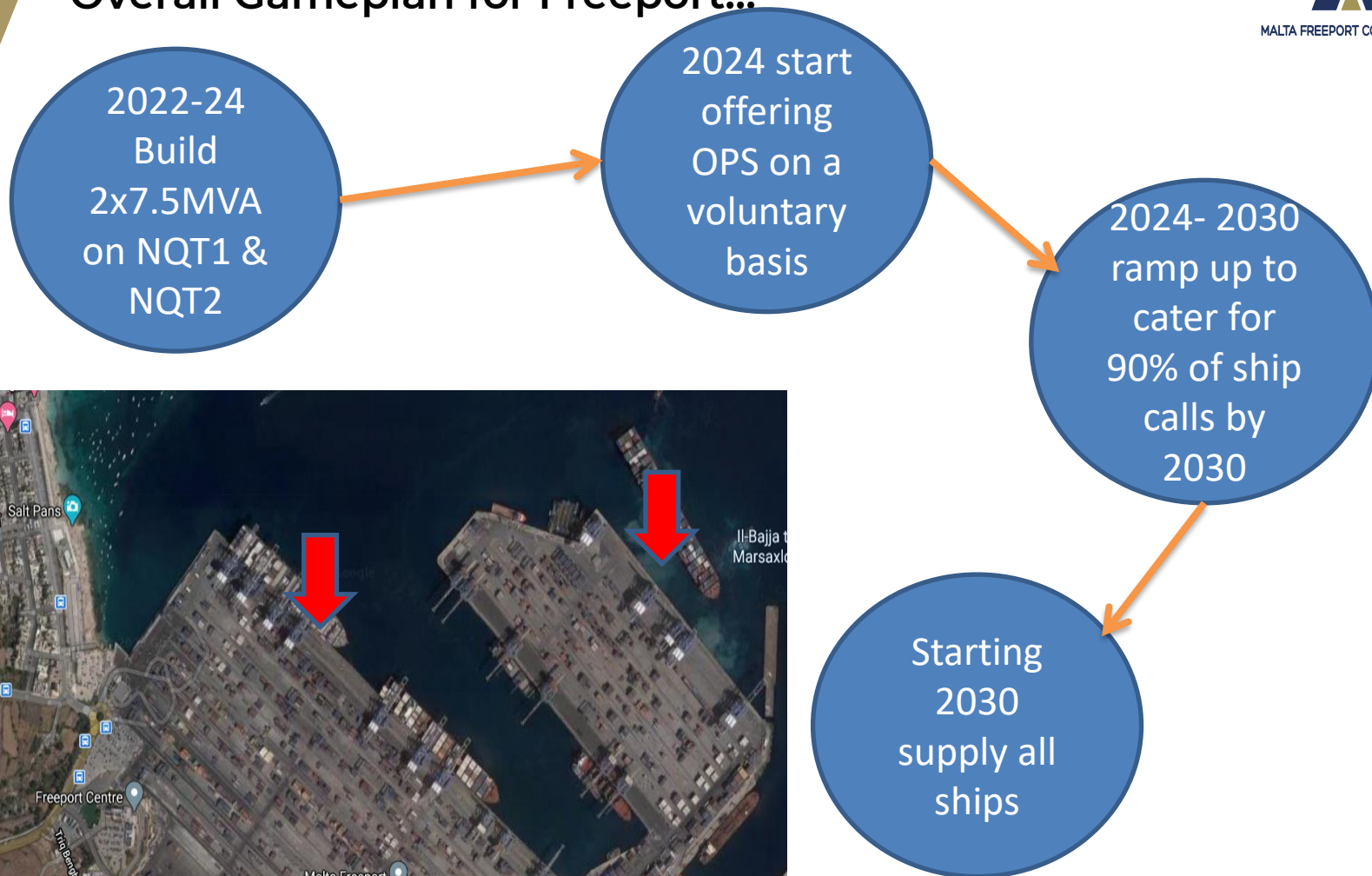


The use of 0.1% Sox marine diesel is assumed
Demand voluntary basis



Emissions per year (tonnes)	CO ₂ e	NO _x	PM	SO ₂
Baseline scenario	4,539	88.9	2.26	3.47
Project scenario	2,744	6.2	0.17	0.01
Reduction through shore power project implementation	1,795	82.7	2.09	3.45

Overall Gameplan for Freeport...



Main Directions in Environment Mgt at Malta Freeports....

