

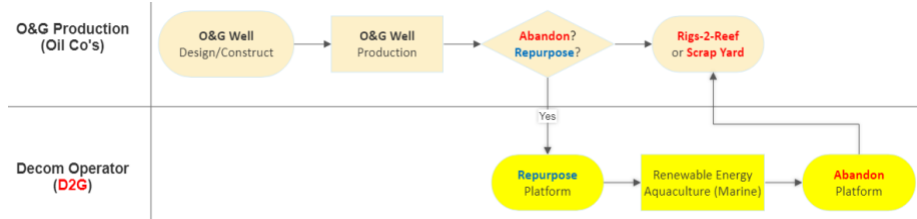
TA-6619 REG: Marine Aquaculture, Reefs, Renewable Energy, and Ecotourism for Ecosystem Services

Context

| Decommissioning platforms is new to Asia ( \$100 bn cost) | 1000's of platforms  
 | ASEAN members: limited Decom experience | Inconsistent regulations | Cautious  
 | High regulatory uncertainty creates excess cost (re: Oil Co's) resulting in stalemate

Solution

| As an SPV , D2G: "Decom Operator" to operationalize Blue Economy opportunities  
 | D2G: a new class of supplier to manage offshore late-life assets & Decom processes  
 | D2G assists ASEAN members & Oil Co's to harmonize regs; deliver MARES solutions



Technology

| Oil Companies reduce: cost, complexity, managerial efforts to run late-life assets  
 | D2G: negotiate & offload late-life assets | D2G: Repurpose | Rigs-2-Reef Retire  
 | D2G: to "cookie-cutter" activity across concessions & ASEAN borders for efficiency

Business Model

| Leverage Blue Finance to repurpose late-life assets | Earn income (Fish, RE)  
 | Rigs-2-Reef reduces Decom cost by 15% -25% | D2G and Oil Co's share \$\$ savings

Financing

| A Pilot Test proves concept | Three phases: Pre-FEED (4 mo.), FEED (6 mo.) and Field Trial (18 mo.) | Cost: US\$10m-\$15m

Results

| Converting Scrap => Gold | D2G is a one-stop shop to repurpose late-life assets (MARES style) and terminate as Rigs-2-Reef

Lessons Learned

| Every nation has its own unique (Decom) Regs | Little harmonization | Oil Companies frustrated by high Decom \$\$\$ costs

Developer

| D2G have assembled a group of qualified contractors to develop/operate: Wind & Fish Farms, Rigs-2-Reef, CCUS, and more

PROJECT SUMMARY

PROJECT NAME:  
 Proposal to recycle "used" O&G platforms for: Aquaculture Fish Farms and Renewable Energy

CAPITAL COST:  
 Initial budget at \$15 million:  
 Due Diligence (\$1M now sought)  
 FEED (\$4M) | Pilot (\$10M)

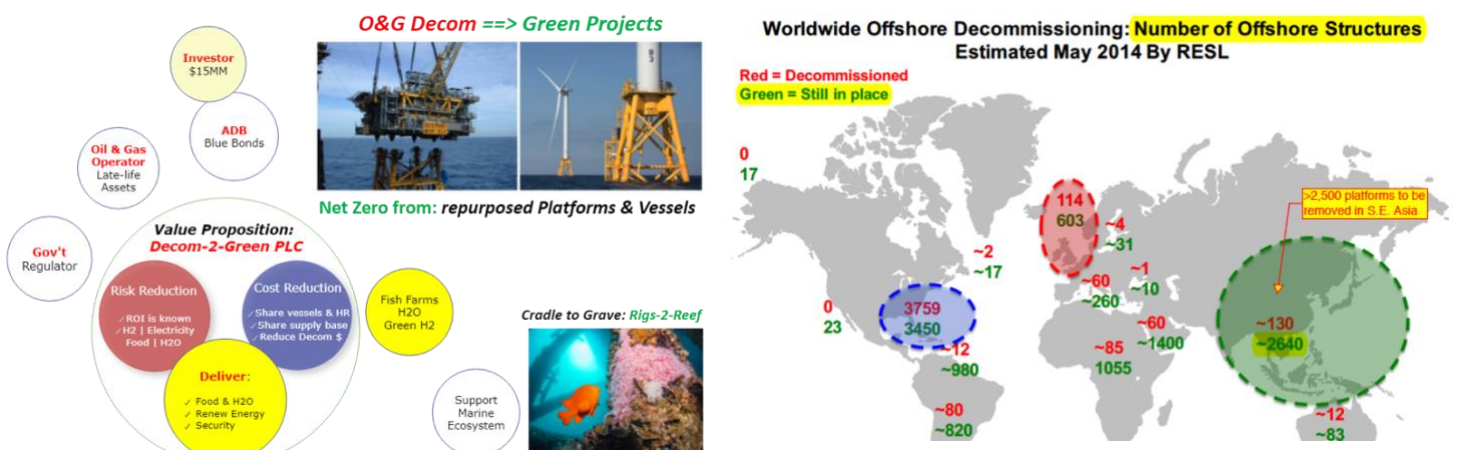
DEVELOPER:  
 Decom-2-Green PLC

PROJECT HOST:  
 TBA

GEOGRAPHICAL LOCATION:  
 Gulf of Thailand (scaled globally)

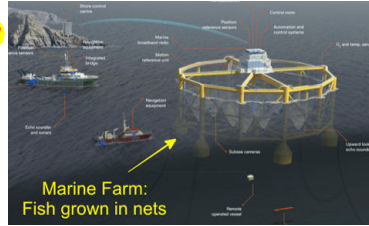
TYPE OF PROJECT:  
 Repurpose energy infrastructure for Aquaculture operations, offshore RE development, and other MARES operations

PROJECT TIMELINE:  
 2023-2025





More Details?  
Click any photo!



Repurpose Decommissioned Platforms  
- recycle for use with Renewables?

Wind Turbine | H2  
OSS | CCUS

Marine Farms

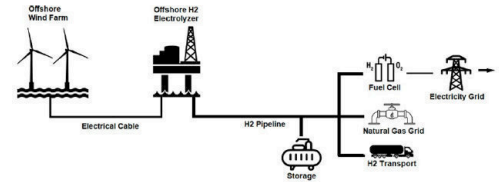
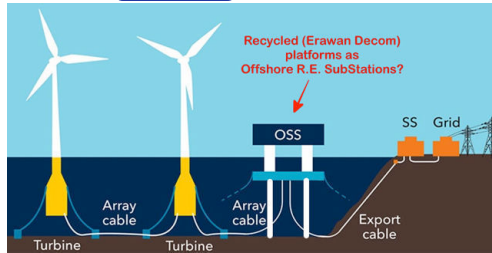
Green House

Marine | Hydroponic Farm  
Offshore Dockyards

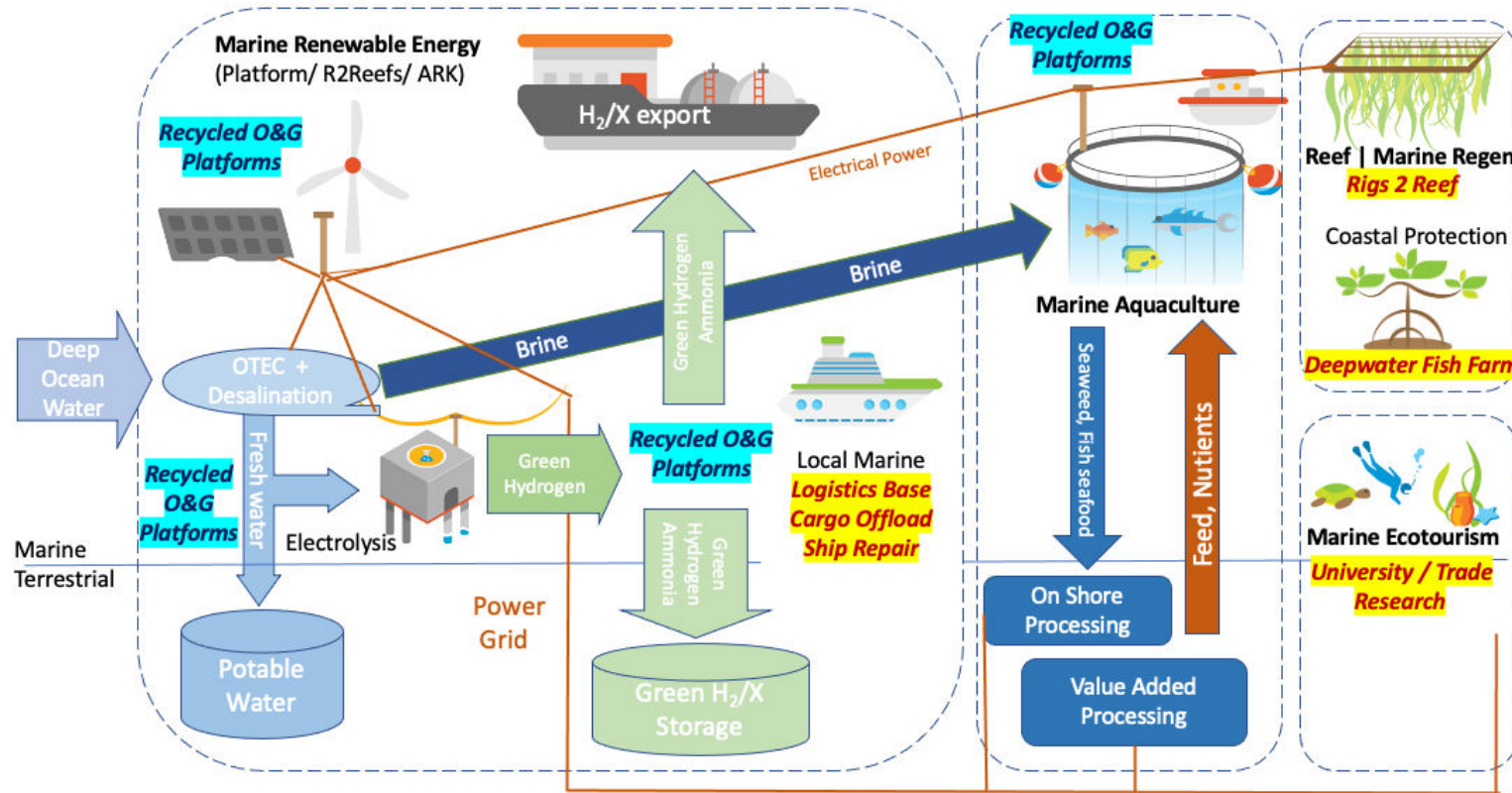
Wind Turbine

Electric  
Transformer

Hydrogen H2



TA-6619 REG: Marine Aquaculture, Reefs, Renewable Energy, and Ecotourism for Ecosystem Services



**TA6619 MAREs- Marine Aquaculture, Reefs, Renewable Energy, and Ecotourism for Ecosystem Services**

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and Ecotourism for Ecosystem Services

**Financial pro forma**

No	Item	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
	<b>Marine Renewable Energy</b>											
	Capital Cost 1 (VAWT to power Fish Farm)		\$ (500,000)	\$ (200,000)	\$ (250,000)	\$ (250,000)	\$ (300,000)	\$ (300,000)	\$ (350,000)	\$ (350,000)	\$ (400,000)	\$ (400,000)
	Capital Cost 2 (HAWT for Green H2 TBA)											
	Revenue 1 - VAWT (internal use: Fish Farm)											
	Revenue 2 - HAWT (TBA)											
	<b>Balance (Revenue - Cost)</b>		\$ (500,000)	\$ (200,000)	\$ (250,000)	\$ (250,000)	\$ (300,000)	\$ (300,000)	\$ (350,000)	\$ (350,000)	\$ (400,000)	\$ (400,000)
	<b>Marine Aquaculture</b>											
	Capital Cost (Pre-FEED   FEED engineering)	\$ (5,140,000)										
	Capital Cost (Pilot - repurpose platform)		\$ (7,000,000)	\$ (1,500,000)	\$ (1,650,000)	\$ (1,815,000)	\$ (1,996,500)	\$ (2,196,150)	\$ (2,415,765)	\$ (2,657,342)	\$ (2,923,076)	\$ (3,215,383)
	Capital Cost (Fish Pens - installed)		\$ (1,500,000)	\$ (2,700,000)	\$ (2,000,000)							
	Capital Cost (Fish Feed per year)		\$ (3,504,000)	\$ (11,442,750)	\$ (15,412,125)	\$ (16,953,338)	\$ (18,648,671)	\$ (20,513,538)	\$ (22,564,892)	\$ (24,821,381)	\$ (27,303,520)	\$ (30,033,872)
	Fish Pen - Capacity (m3)		12,800	29,000	14,500							
	Fish Pen - Total Capacity Available (m3)		12,800	41,800	56,300	56,300	56,300	56,300	56,300	56,300	56,300	56,300
	Fish Kg - Gross Weight (for processing)		384,000	1,254,000	1,689,000	1,689,000	1,689,000	1,689,000	1,689,000	1,689,000	1,689,000	1,689,000
	Revenue 1 - Fish (Sea Bass) @ 50% Capacity		\$ 2,112,000	\$ 7,586,700	\$ 10,218,450	\$ 11,240,295	\$ 12,364,325	\$ 13,600,757	\$ 14,960,833	\$ 16,456,916	\$ 18,102,608	\$ 19,912,868
	Revenue 2 - Fish (Seriola) @ 50% Capacity		\$ 3,072,000	\$ 11,035,200	\$ 14,863,200	\$ 16,349,520	\$ 17,984,472	\$ 19,782,919	\$ 21,761,211	\$ 23,937,332	\$ 26,331,065	\$ 28,964,172
	<b>Balance (Revenue - Cost)</b>	\$ (5,140,000)	\$ (6,820,000)	\$ 2,979,150	\$ 6,019,525	\$ 8,821,478	\$ 9,703,625	\$ 10,673,988	\$ 11,741,387	\$ 12,915,525	\$ 14,207,078	\$ 15,627,786
	Total Capital Cost	\$ (5,140,000)	\$ (12,504,000)	\$ (15,842,750)	\$ (19,312,125)	\$ (19,018,338)	\$ (20,945,171)	\$ (23,009,688)	\$ (25,330,657)	\$ (27,828,723)	\$ (30,626,595)	\$ (33,649,255)
	<b>Total Free Cashflow</b>	\$ (5,140,000)	\$ (7,320,000)	\$ 2,779,150	\$ 5,769,525	\$ 8,571,478	\$ 9,403,625	\$ 10,373,988	\$ 11,391,387	\$ 12,565,525	\$ 13,807,078	\$ 15,227,786
	IRR - 15%		45%									
	NPV - 15%	\$21,330,275										

Note: Costs are indicative and subject to change.

Note: Business Model focus is initially on raising and selling fish (e.g., Sea Bass, Seriola); R.E. expansion is considered if ROI is positive.

Note: Assuming the (platform) late-life assets are transferred to D2G at no charge (e.g., donated by the Oil Co.).

Note: Fish Feed costs may be reduced by growing and harvesting seaweed.