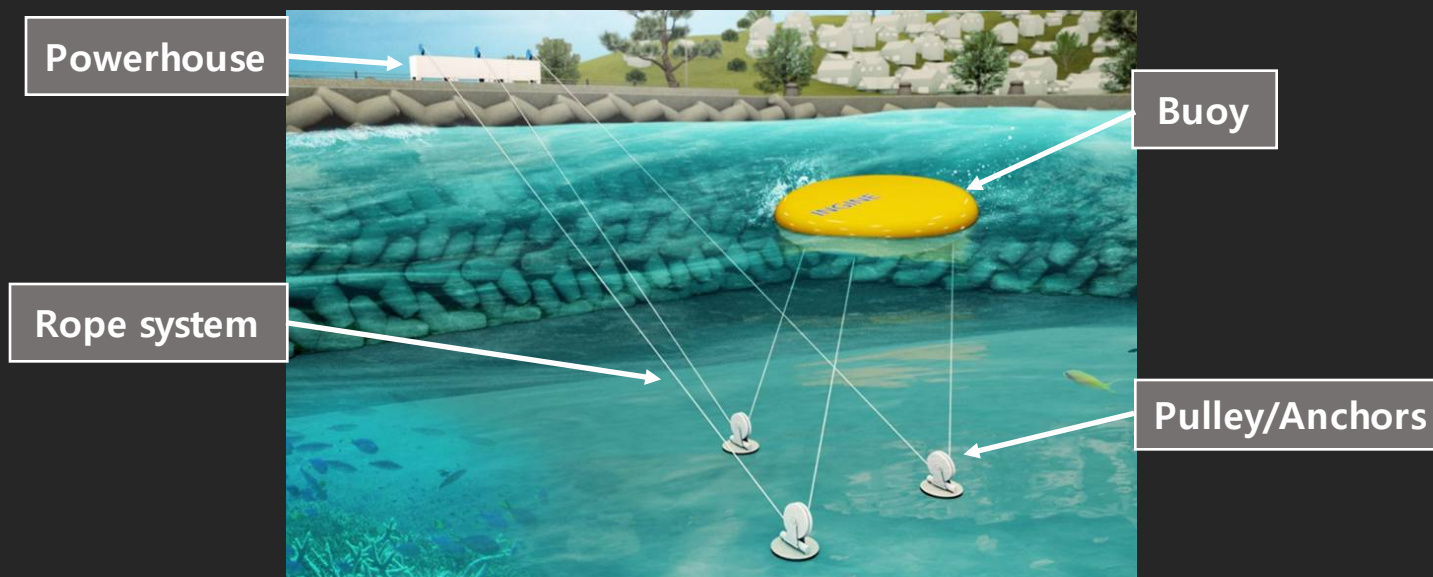


ENGINE's Approach to Ocean Wave Energy

System configuration



The INWAVE Advantage – **Cost effective, Practical Wave Energy**

- **Low CAPEX:** sensitive generating equipment on-land, no need for seabed transmission cables
- **Proven, reliable, widely available components:** only buoy, ropes, anchors, pulleys in marine conditions
- **Ease of logistics, construction, operations, and expansion:** modular system
- **Reduction of potential environmental impact and disruptions to fishing**

Practical Wave Energy – One of World's Longest Track-records in Operation

**Actual Grid-Connected
Plant w/ >2 Yrs. of
Operations in Real-World
Conditions**



Test Power Plant in Jeju Island, South Korea

Continued Enhancement in Performance (1/20 Scale)

Efficiency(%) Matrix: More than 20% at Targeted Wave

Height (m) \ Period (sec)	Period (sec)						
	8.0	9.0	10.0	11.0	12.0	13.0	14.0
1	10.7		27.6		12.8		8.3
1.5	17.5	20.8	24.5	18.2	14.4	22.2	10.2
2	28.1	21.8	29.1	21.5	16.2	20.2	10.2
2.5	32.3	22.3	26.3	20.0	16.3	19.0	10.2
3			28.6	20.2	16.4	21.2	10.4
3.5			30.1	21.6	16.7	17.9	13.0
4					17.3		13.2

July, 2017 Data

- 1:20 Scale Tank Test in Yeosu Experimental Center / Regular Wave

For more info, Visit www.ingine.co.kr/en
or email kwansun@ingine.co.kr