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# AIoT Net Zero Technology

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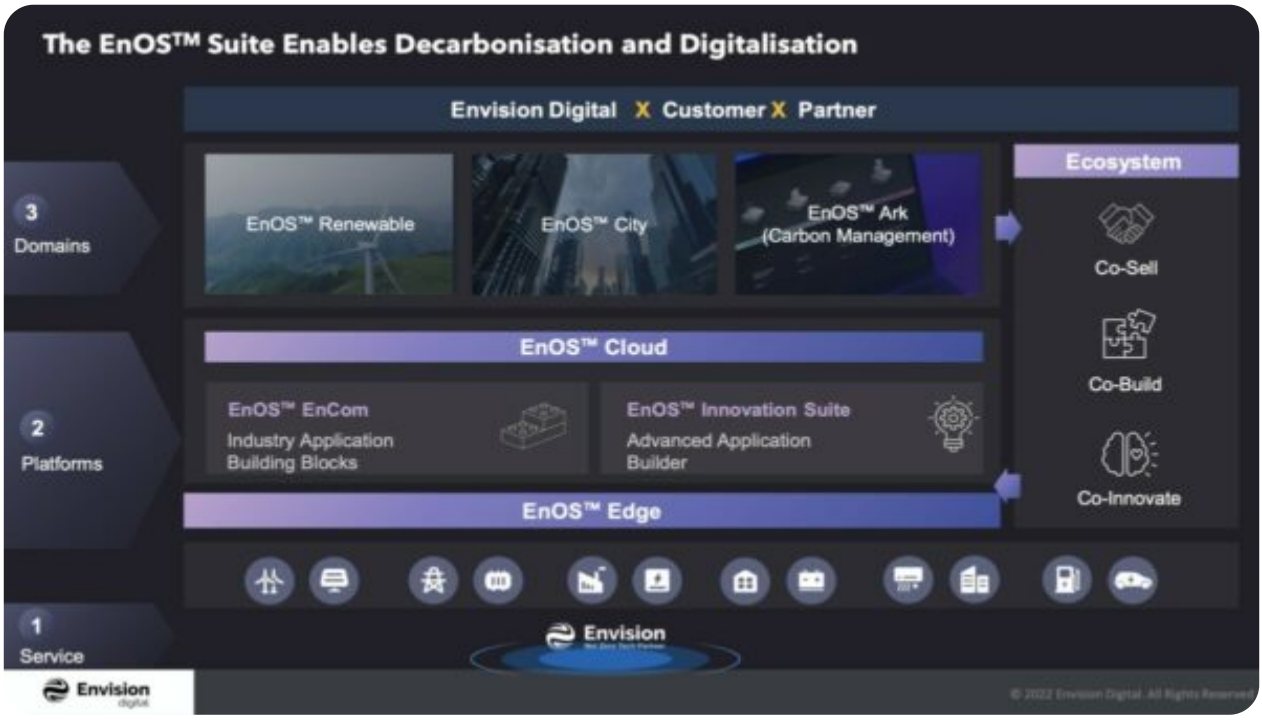
## De Challenge

We will miss the opportunity to limit global warming to 1.5°C if we do not act with urgency. Unless we act swiftly and decisively, today’s climate crisis will soon translate into the end of a civilisation and the planet. Many companies see the need for renewables however with current energy prices, grid constraints, generation fluctuations and also lack of transparancy it is not an easy task. This is where Envision as Net zero tech partner and AIoT leader can help.

## De Solution

Envision Digital helps companies, including ports and the companies within to become a smart and sustainable by deploying various smart energy applications that leverages its EnOS™ AIoT platform based on open source technology. The applications entail: micro-grid control, energy efficiency management, virtual power plant (VPP), renewable assets monitoring for windturbines, photo voltaic and battery storage. As the current challenges cannot become overcome by one, Envision comes and works with a wide group of partners.




## De Businesscase

With our EDGE and cloud based solutions our clients achieve first of all transparency and insights in their Net zero footprint through connecting and monitoring their generation and consumption assets. Second with all this information under a button have the possiblity to enable various energy load and cost optimisations through data insights, forecasts and control.

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