

Sarawak H2 Hub



10 - 12 JUNE
2024

BORNEO CONVENTION
CENTRE KUCHING, SARAWAK

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An Event Hosted and Supported by



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Sarawak H2 Hub

Sarawak H2 Hub introduces a master development plan that provides standardization and optimization over future developments. This will also incentivize Upstream players to develop capacities via "Plug and Play" concept at the same time enticing Downstream players to further extend the Hydrogen value chain.

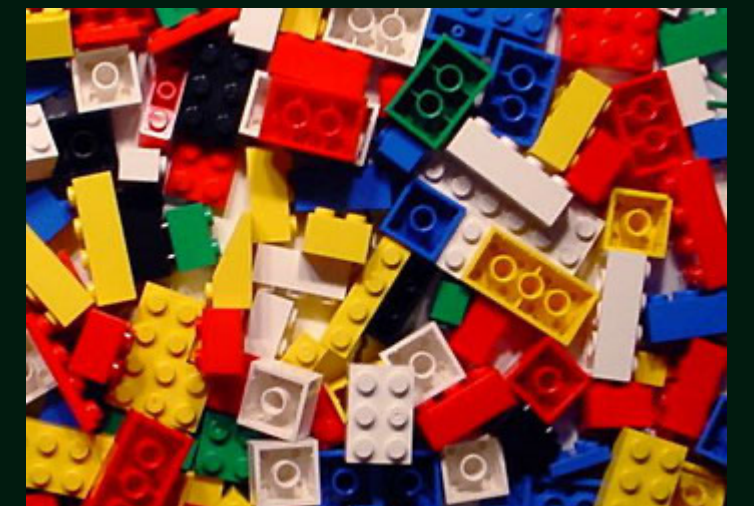
The Sarawak H2 Hub is co-owned and co-developed by SEDC Energy (SEDCE) and clean energy solutions provider Gentari through a newly formed joint venture company.

Note : "Plug & Play concept" in Sarawak Hydrogen Hub refers to a modular approach to setting up Hydrogen production facilities. The concept involves hydrogen production facilities being integrated into the Hub where common utilities and ancillaries are being developed. This standardised approach allows for an accelerated and organised development of the whole hub.



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Strong Partnership



Our partnership is built upon a strong track record in successful project management, construction and operation of global-scale projects.

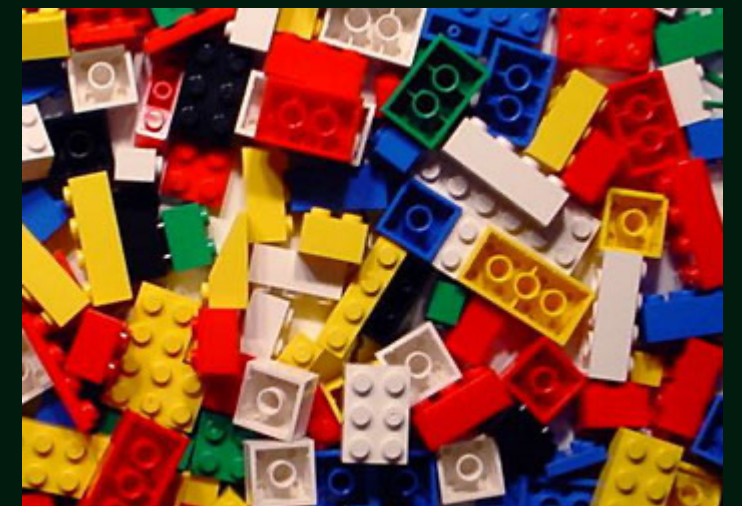
This is a significant milestone in realising Sarawak's ambition to expand the use of cleaner energy, supporting the goal of becoming a commercial hydrogen producer by 2027.

This aligns with SEDCE's mandate to drive the new energy ecosystem in Sarawak and Gentari's vision to be Asia Pacific's most valued clean energy solutions partner by 2030.



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Key Concept

- Holistic end-to-end solutions for sustainable, clean Hydrogen production
- Co-location of hydrogen-related activities. Creating synergies that :
 - Improves efficiency by providing at scale utilities and balance of plants (BOP)
 - Optimize costs by reducing repetitive assets
 - Accelerate deployment of H2 solutions
- Flexibility to expand H2 production in phases
- Prioritize delivery of key infrastructure essential for deployment of H2 solutions



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Figure : Our "winning formula" with investors in mind

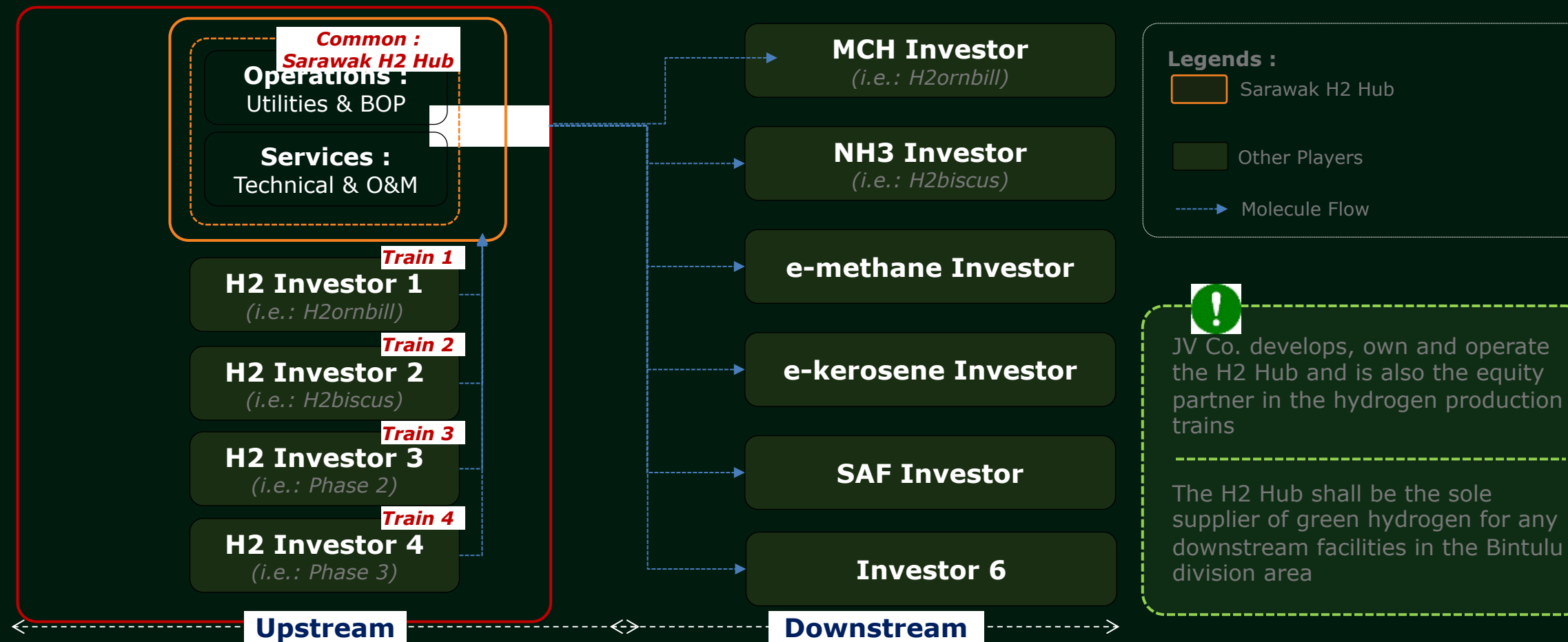
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Key Concept



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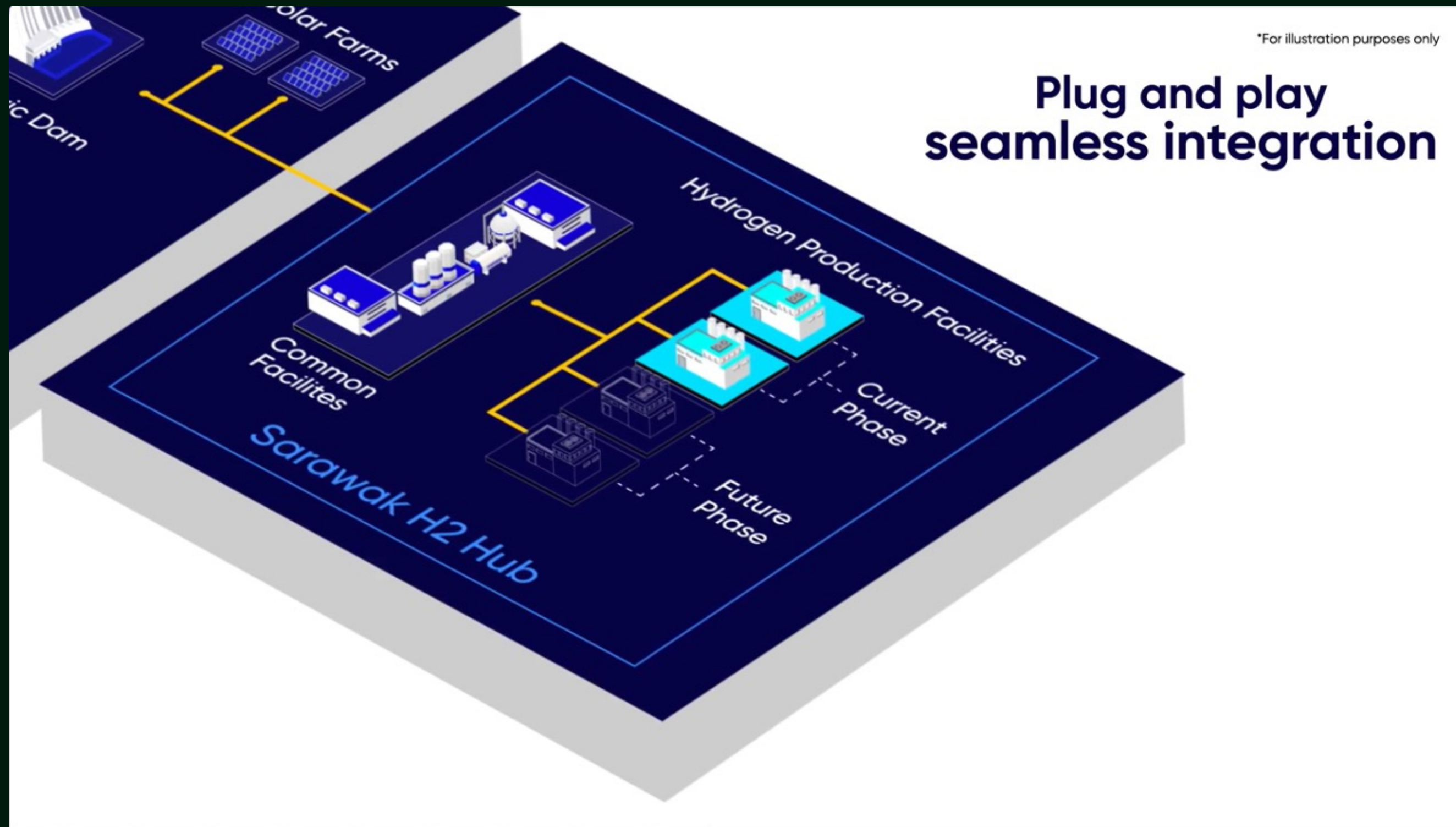
The Sarawak H2 Hub is an entity that protects value and ensures long-term viability for the Sarawak Hydrogen Economy

Visual Concept



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Note : For illustration only, general arrangement of Sarawak H2 Hub via “plug and play concept”

H2 Hub Key Projects

Currently :

- Project H2ornbill – 88KTPA of H2 production
- Project H2biscus – 150 KTPA of H2 production
- Downstream within this H2 Value Chain :
 - Methylcyclohexane (MCH) (for Japan)
 - Clean ammonia (NH3) (for Korea)

Future development

- Domestic Production –
- New Investor(s)
- SEDC Petchem Industrial Park will have the potential to unlock additional investments for other petchem derivatives
 - E.g. : Sarawak Petchem for green methanol, e-methane, e-ammonia, e-kerosene



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Visual Concept

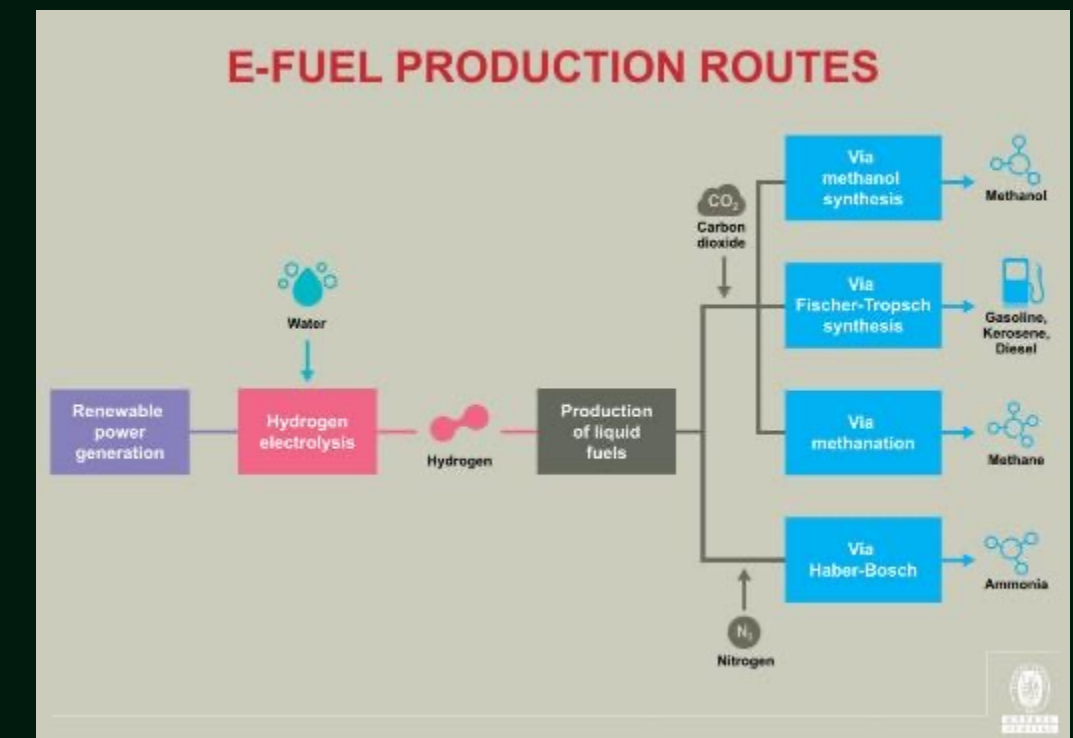
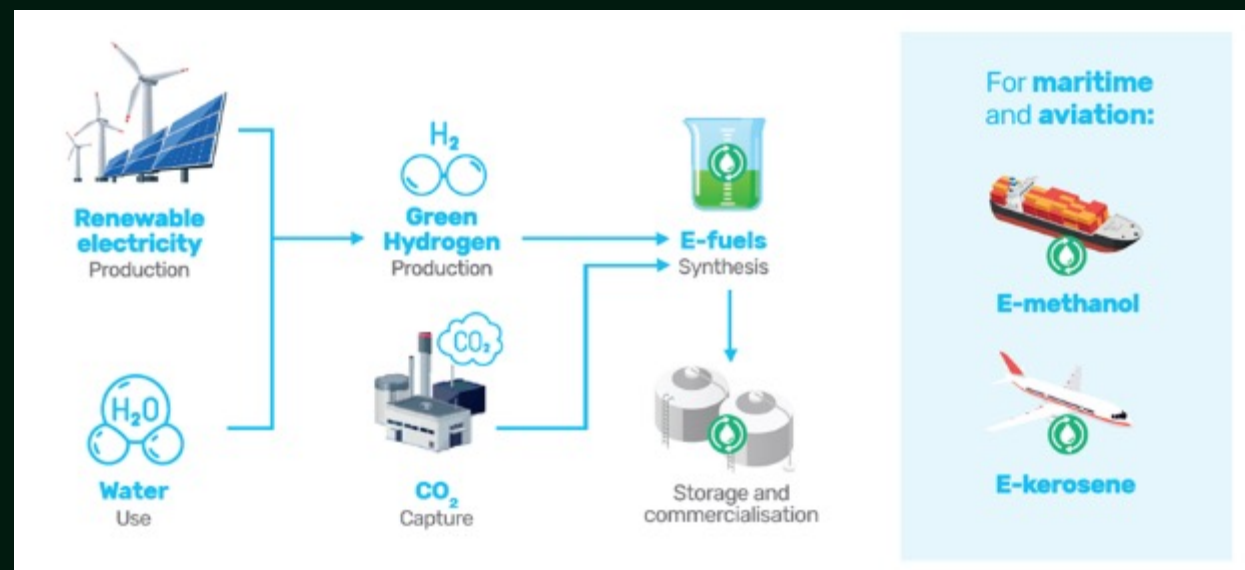


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Reducing the building blocks, with opportunities to expand and scale up production via this concept.

Unlock the value chain of h2 derivatives by targeted investments in the Petchem industry. Clean H2 would provide investment opportunities for other products.

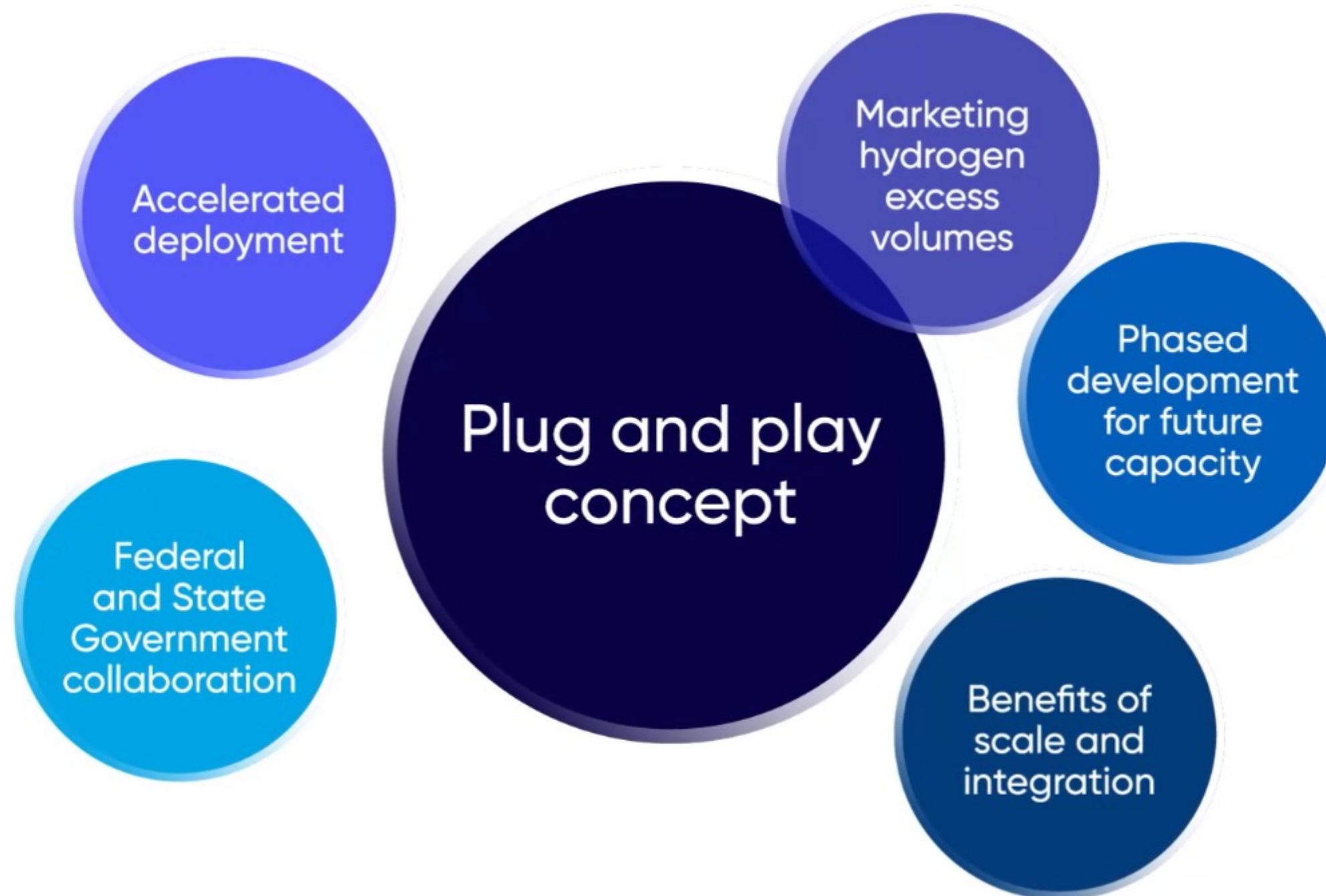


Our Value Proposition

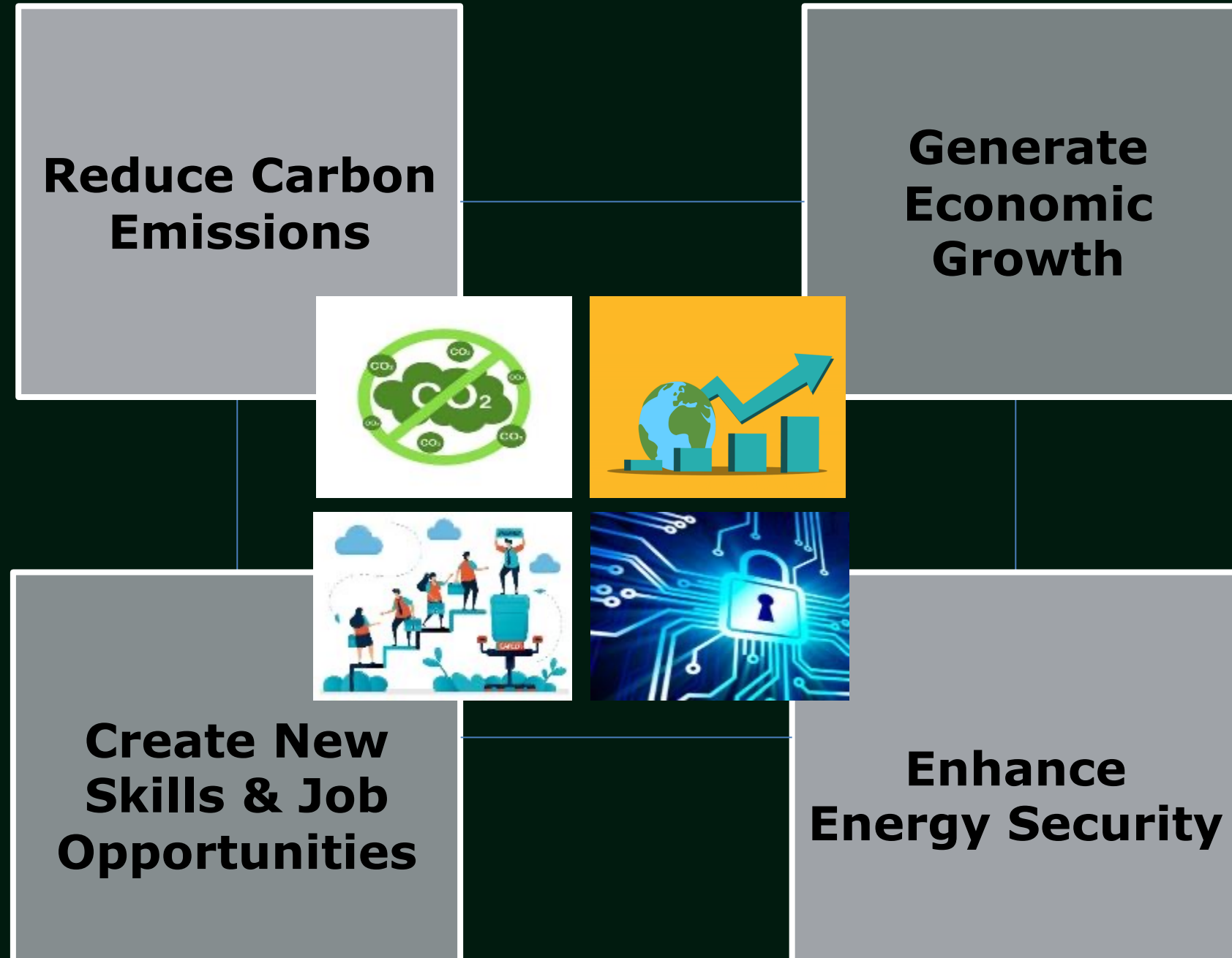


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THANK YOU