



Middle Arm Sustainable Development Precinct

Jason Howe, Executive Director Gas Taskforce

ミドルアーム持続可能開発地区

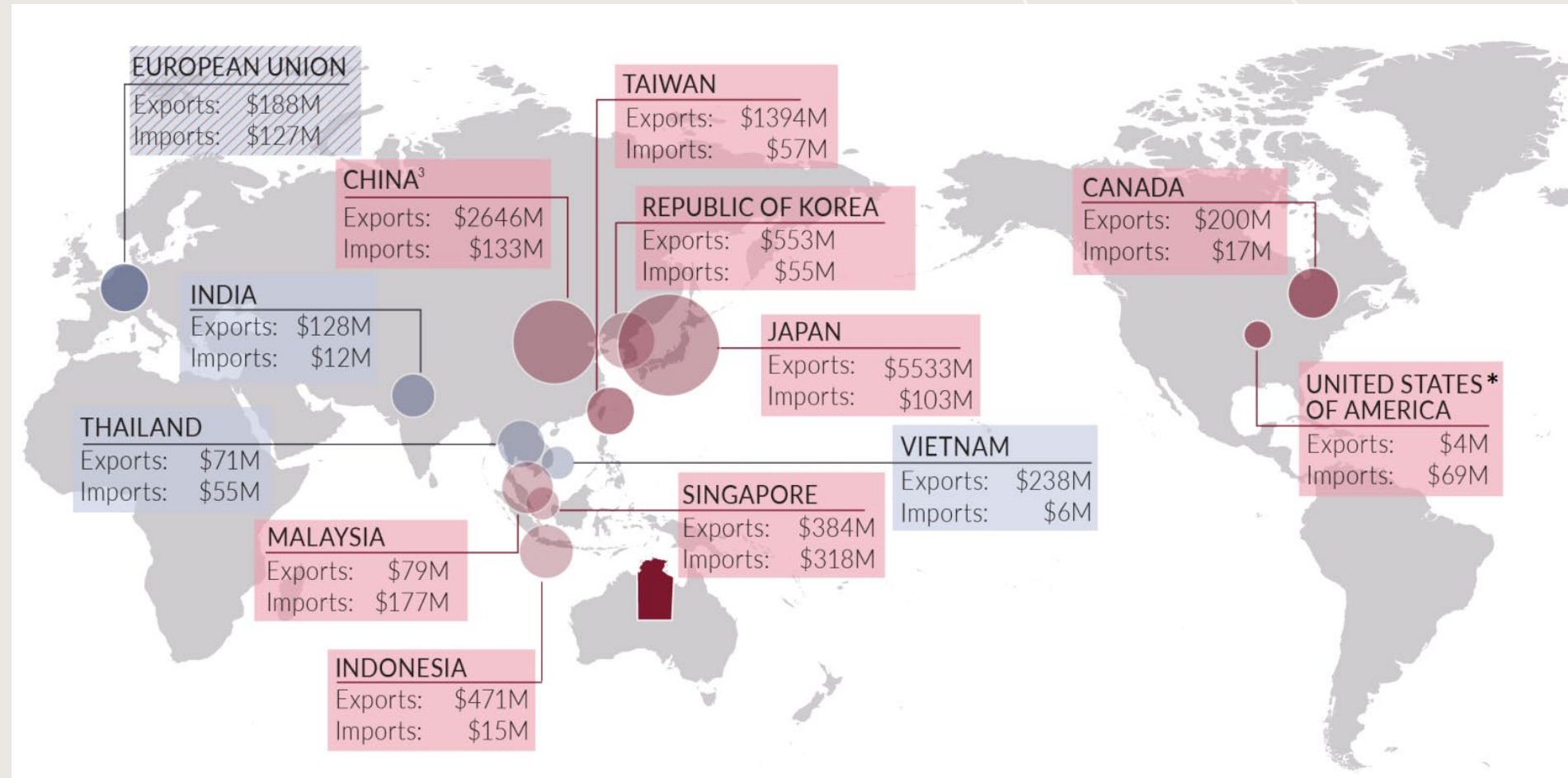
ガス担当特別委員会 エグゼクティブ・ディレクター、ジェイソン・ハウ

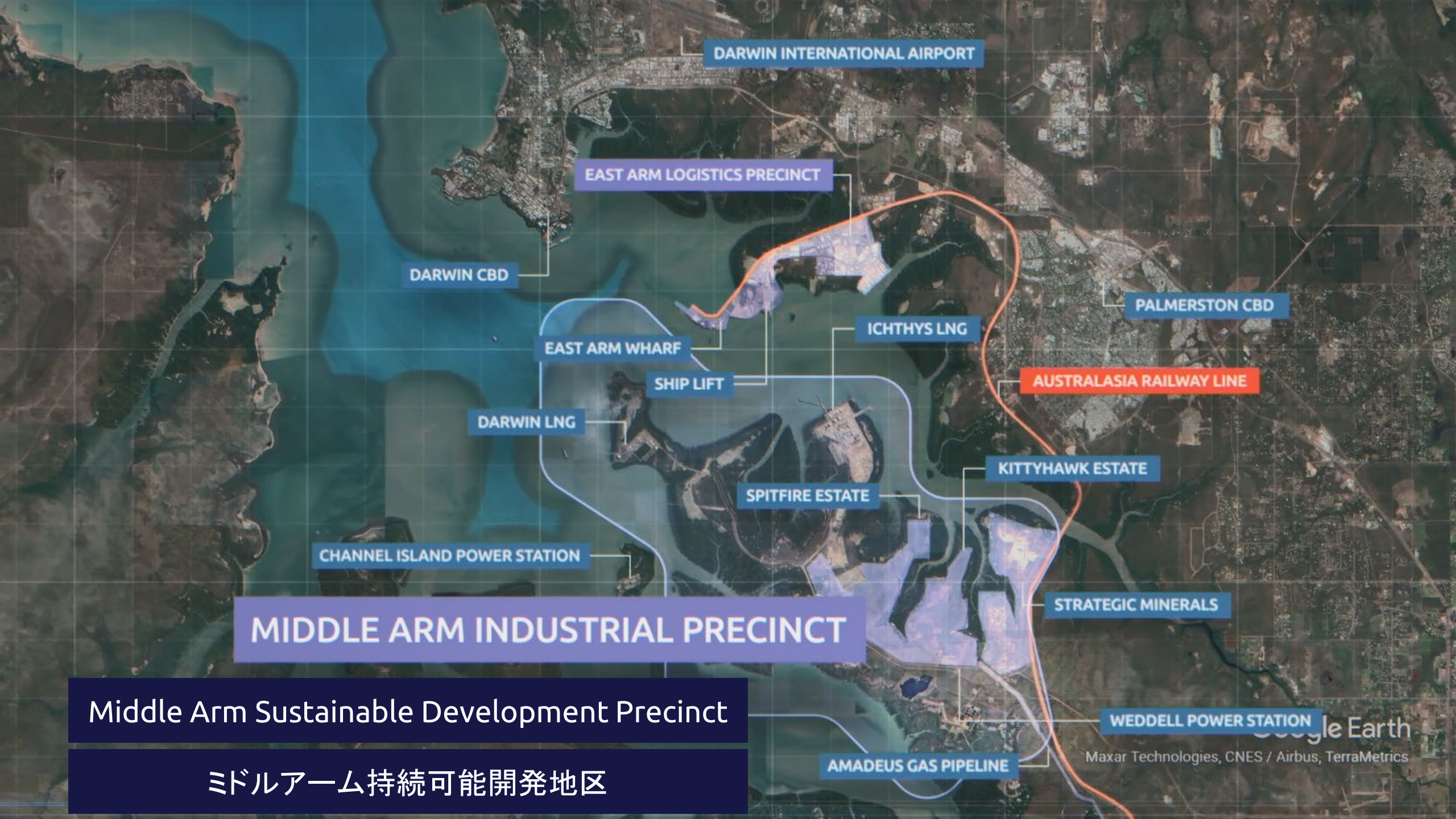
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Positioning the Territory for low emission growth

低排出型の発展
に向けたノーザ
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取り組み

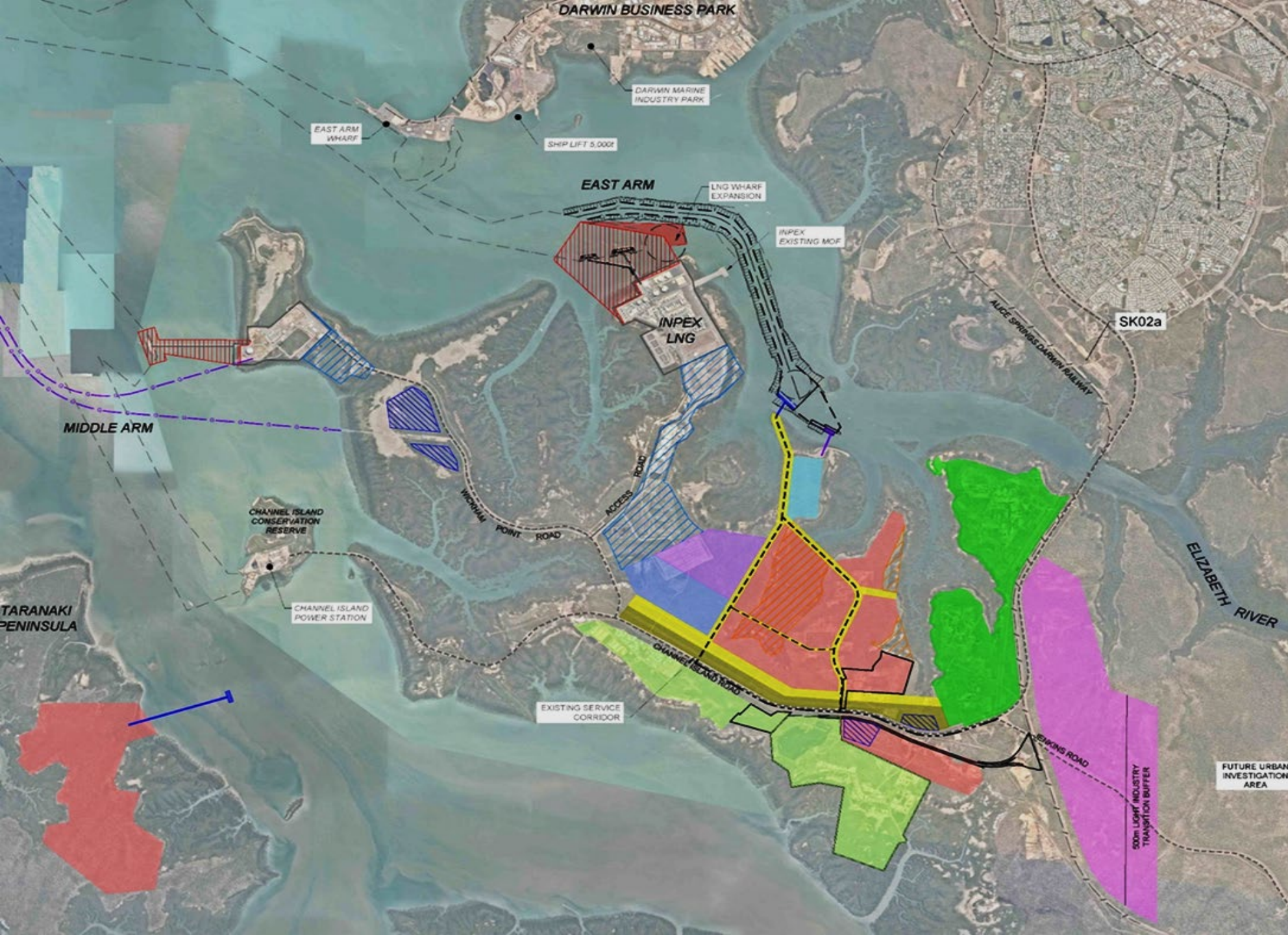




MIDDLE ARM INDUSTRIAL PRECINCT

Middle Arm Sustainable Development Precinct

ミドルアーム持続可能開発地区



LEGEND

EXISTING:

- EXISTING ROAD
- EXISTING RAILWAY
- EXISTING SERVICES CORRIDOR

PROPOSED:

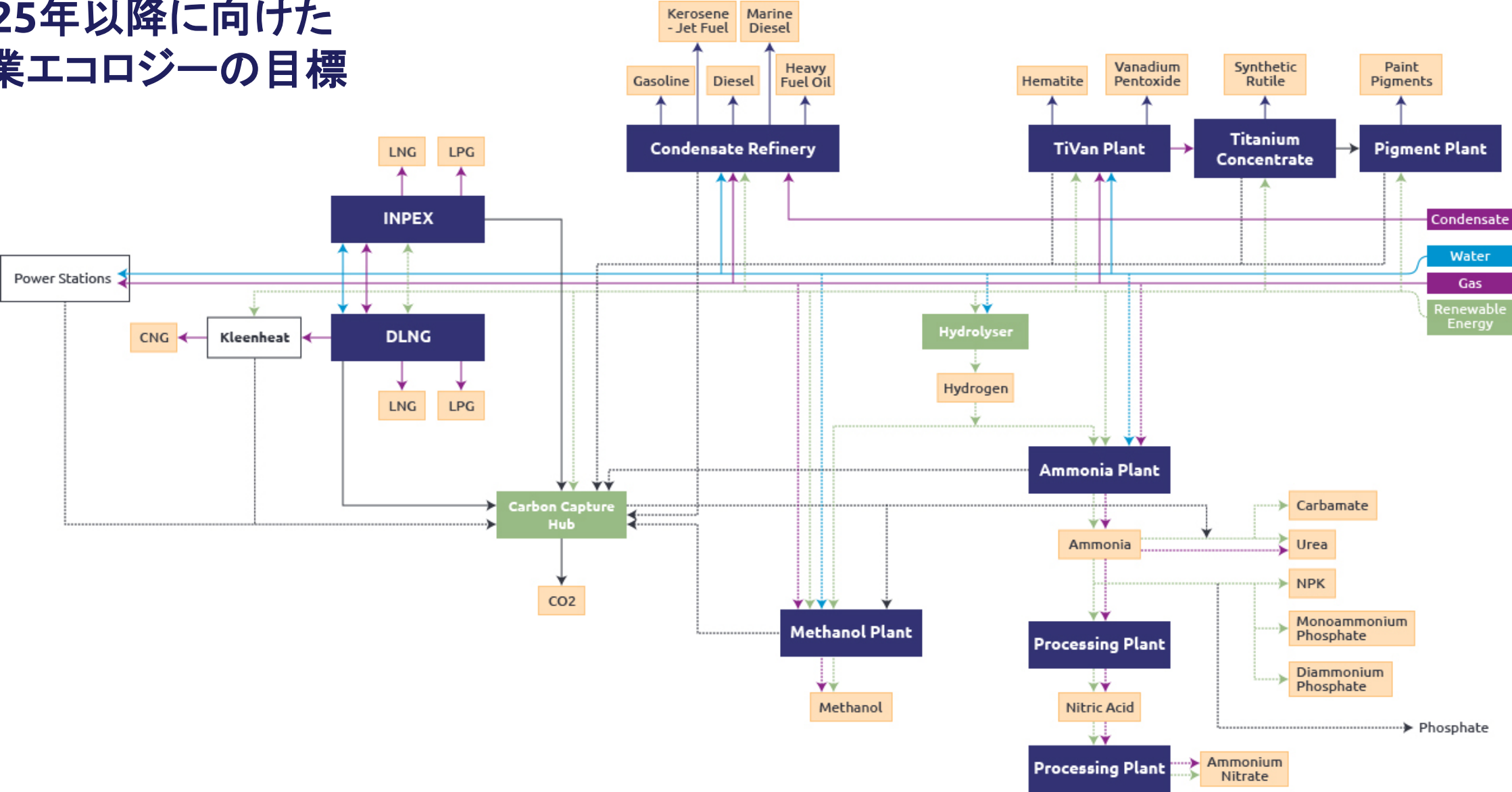
- CAUSEWAY & WHARF
- CAUSEWAY & MOF (MODULE OFFLOADING FACILITY)
- DREDGE CHANNEL
- NEW ROAD / CARRIAGEWAY (REFER NOTE 1)
- ROAD DUPLICATION
- PRODUCT CORRIDOR (REFER NOTE 2) (ON SURFACE OR TRENCHED)
- POTENTIAL INFILL OPTION SUBJECT TO REZONING
- UTILITIES

POTENTIAL LAND USE:

- AMMONIA / UREA
- CONDENSATE REFINING
- COMMON USER AREA
- FREEHOLD
- LNG EXPANSION
- POTENTIAL LNG / PETROCHEMICAL INC. HYDROGEN INDUSTRIES
- MINERALS PROCESSING
- POTENTIAL SUPPORT INDUSTRIES

Targeted industrial ecology post-2025

2025年以降に向けた 産業エコロジーの目標

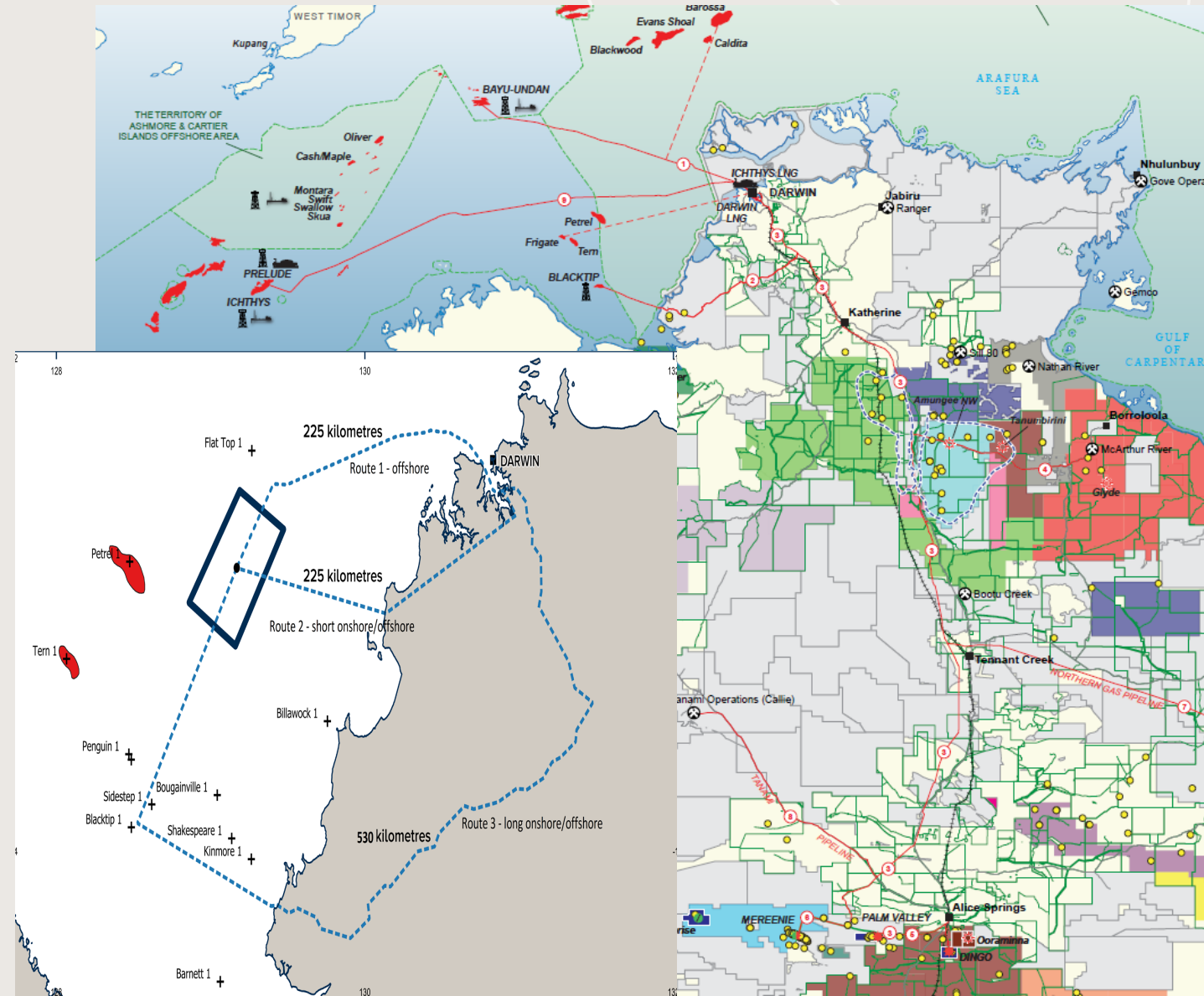


Fast-tracking carbon capture use and storage at Middle Arm

Hydrogen production could be achieved at \$2.50/kg with \$6/GJ gas, assuming 90% CO₂ is captured, with potential to capture 95% with a modest increase in cost.

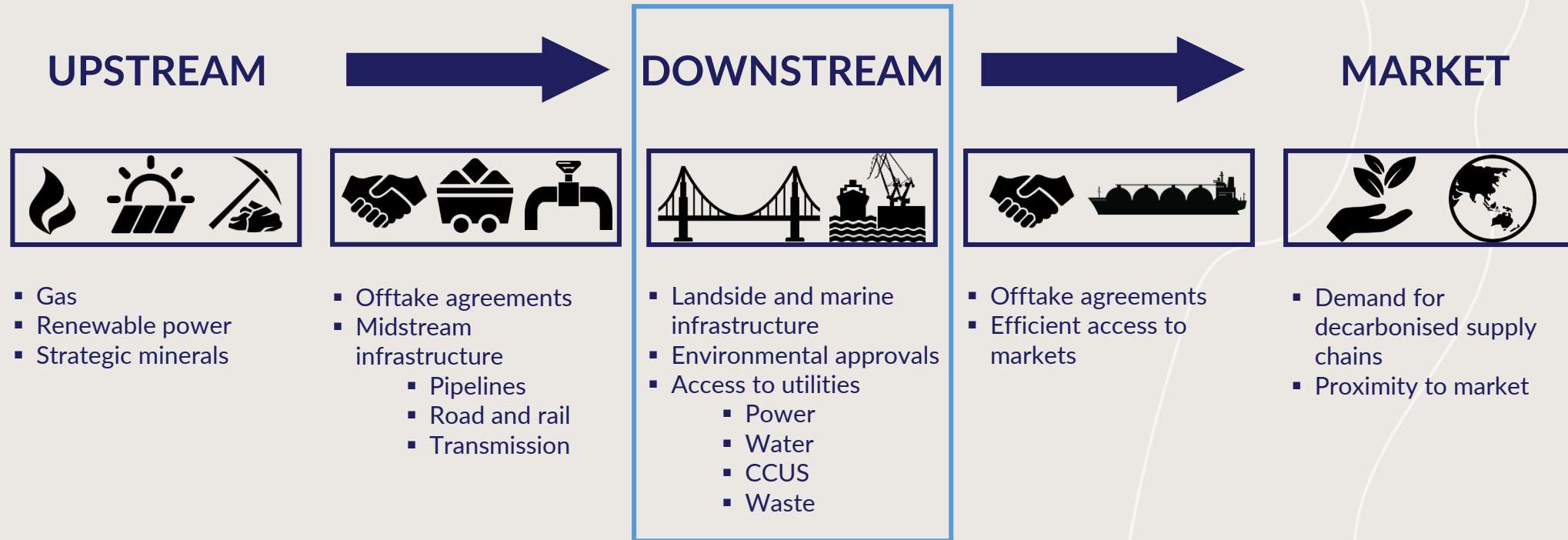
ミドルアームにおける二酸化炭素回収・貯留のファーストトラック

水素は\$2.50/kg（ガス\$6/GJ）で製造が可能となり、CO₂の回収率は90%、ただし多少のコスト増により95%の回収も可能と推測されている。



We are driving the development of the Precinct

準州政府は同地区の開発を推進しています



Enabling policy | Cost-effective inputs | Offtake agreements | Competitive finance | Public investment | Globally competitive projects

支援策 | 費用対効果に優れた支援 | 長期供給契約 | 競争力の高いファイナンス | 公共投資 | 世界的に競争力の高いプロジェクト

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Investment ready opportunities

投資への準備が整った機会の数々

Project name	Description	Capital required
Darwin Clean Energy	Condensate processing plant up to 100,000 barrels per day	\$2.95B
TNG	Vanadium-titanium-iron project. Inland mine with processing plant proposed at Middle Arm	\$848M
Core Lithium	High-grade lithium mining and export project	\$85M
Sun Cable	Solar project: domestic and export 14GW solar farm 4 500km HVDC transmission system 3.2GW dispatchable power	\$22B
Kittyhawk Stage 1	32ha developable land at Middle Arm adjacent to Weddell Power Station and utilities corridor	NT Government-funded

Developing investment opportunities

発展中の投資機会

Project name	Description	Capital required	Targeted timeline
Gas-based manufacturing	1Mtpa -Ammonia -Methanol	\$1-3B per project	Early stage equity investment opportunities from 2022
Infrastructure	Marine and landside	Up to \$2B	Target construction from 2023-24
Carbon capture use and storage	Common-user transport and storage hub	\$2B+	Potential for construction to commence 2025-26
Hydrogen	Green H ₂ Blue H ₂	Approx. \$1B per project	Prospects are starting to firm, pilot projects expected to be producing by 2025-26
Minerals processing and manufacturing	Phosphate rock Rare Earths	Approx. \$1B per project	Investment opportunities available



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For further information or to express your interest, please contact

さらなる詳細をご希望の方、またはご関心をお持ちの方は
以下までご連絡ください。

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