

Indonesian Petroleum Association

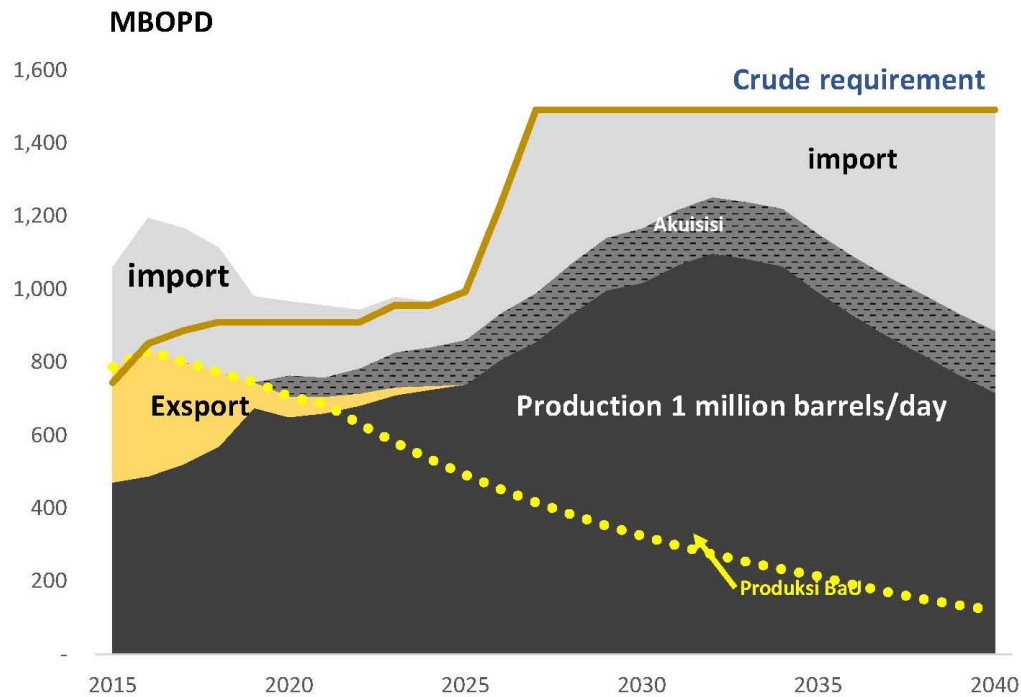


**Rapat Dengar Pendapat Umum
Rancangan Undang Undang
Konservasi Keanekaragaman
Hayati
(RDPU - RUU KKH)**

Jakarta

15 September 2021

Outlook & Strategy: Crude Oil Production

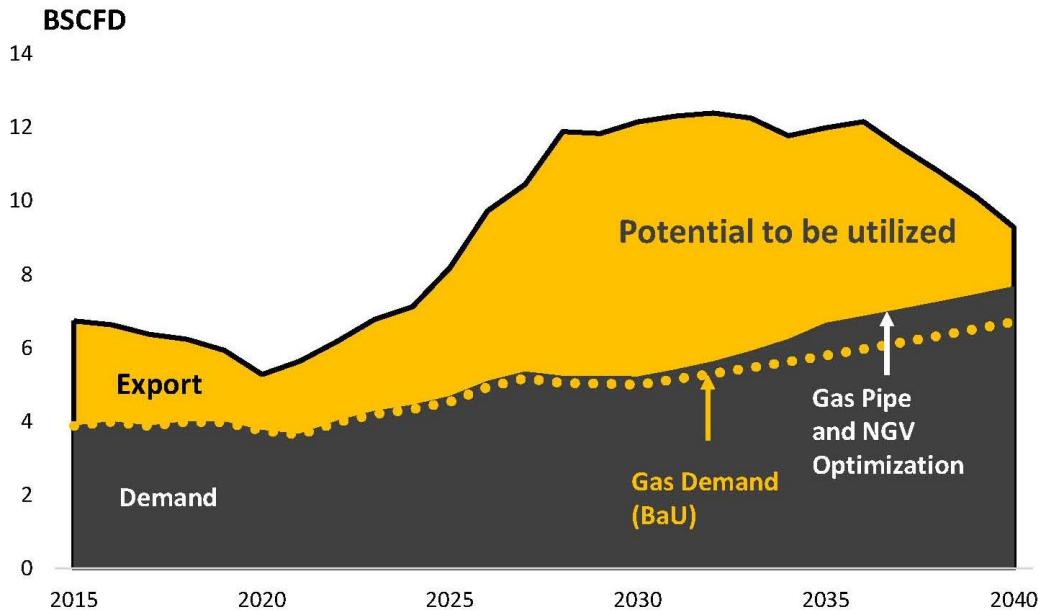


	2020	2025	2030	2040
Crude Demand*	909	993	1.491	1.491
▪ Crude Production	706	739	1.017	717
– Existing production	706	491	323	119
– Reserve to production	-	145	229	80
– EOR	-	87	223	324
– Exploration	-	17	242	194
▪ Acquisition	58	122	150	170
▪ Export	57	-	-	-
▪ Import	202	132	324	604

* Crude needs are adjusted to the increase in other targeted energy source utilization programs

Increase crude oil production 1 million bopd and acquisition of overseas oil fields for refinery needs

Outlook & Strategy: Gas Supply-Demand



	BSCFD			
	2020	2025	2030	2040
Gas Demand	3,8	4,7	5,2	7,7
▪ Gas Production	5,3	8,2	12,1*	9,3
– Existing production	5,3	4,8	2,6	0,9
– Reserve to production	-	2,9	5,8	2,6
– Exploration	-	0,5	3,7	5,8**
▪ Export	1,5	3,5	6,9	1,6

* Excludes Natuna D-Alpha

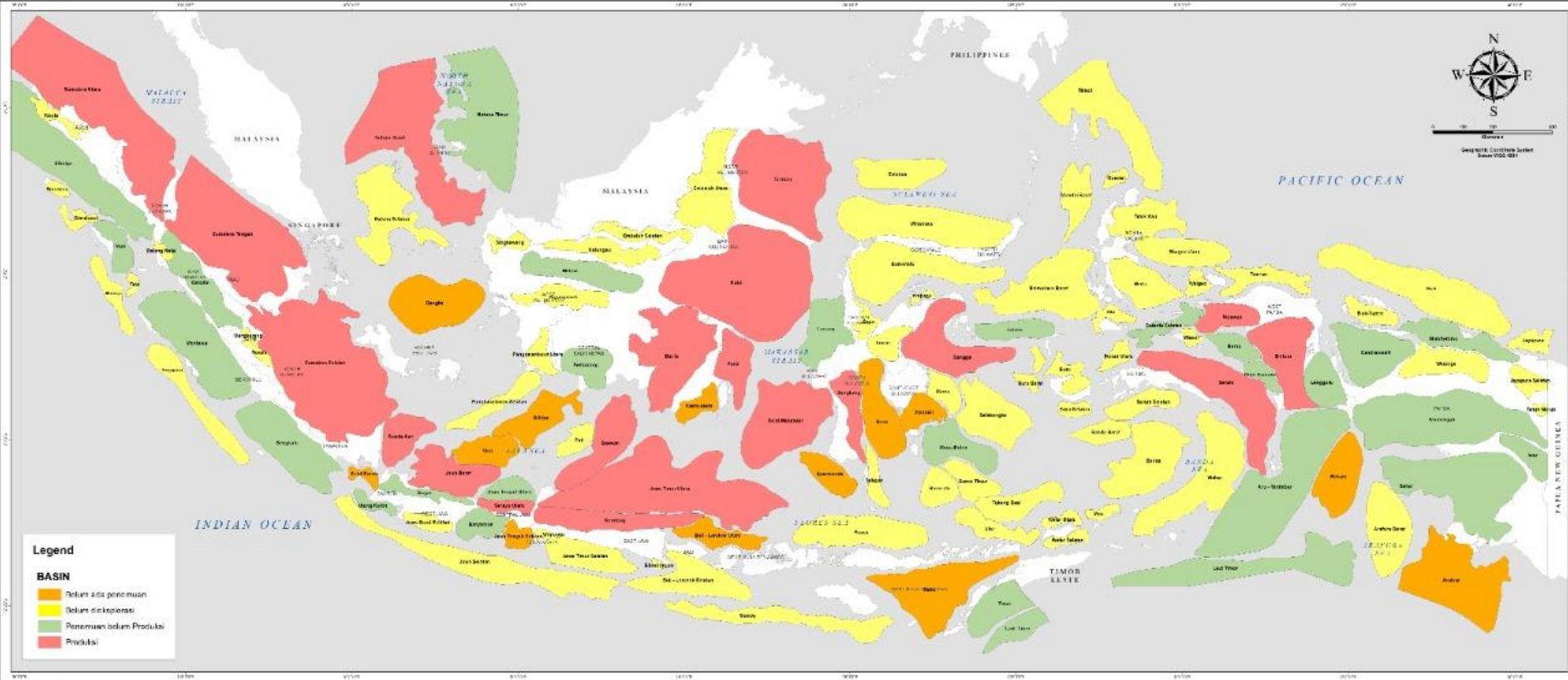
** Includes syngas production in 2037

1. Produce 500 thousand tons of Rich Gas/year starting in 2022 and increase **gas production to 12 BSCFD in 2030.**
2. **Investors and gas producers need support**, including: certainty of demand, especially from the power generation sector, the industrial sector (fertilizer, petrochemical, others), and the transportation sector, fiscal/non fiscal incentives, gas prices have taken into account the economics of the gas field, and the availability of gas infrastructure

Cekungan & Wilayah Kerja Migas

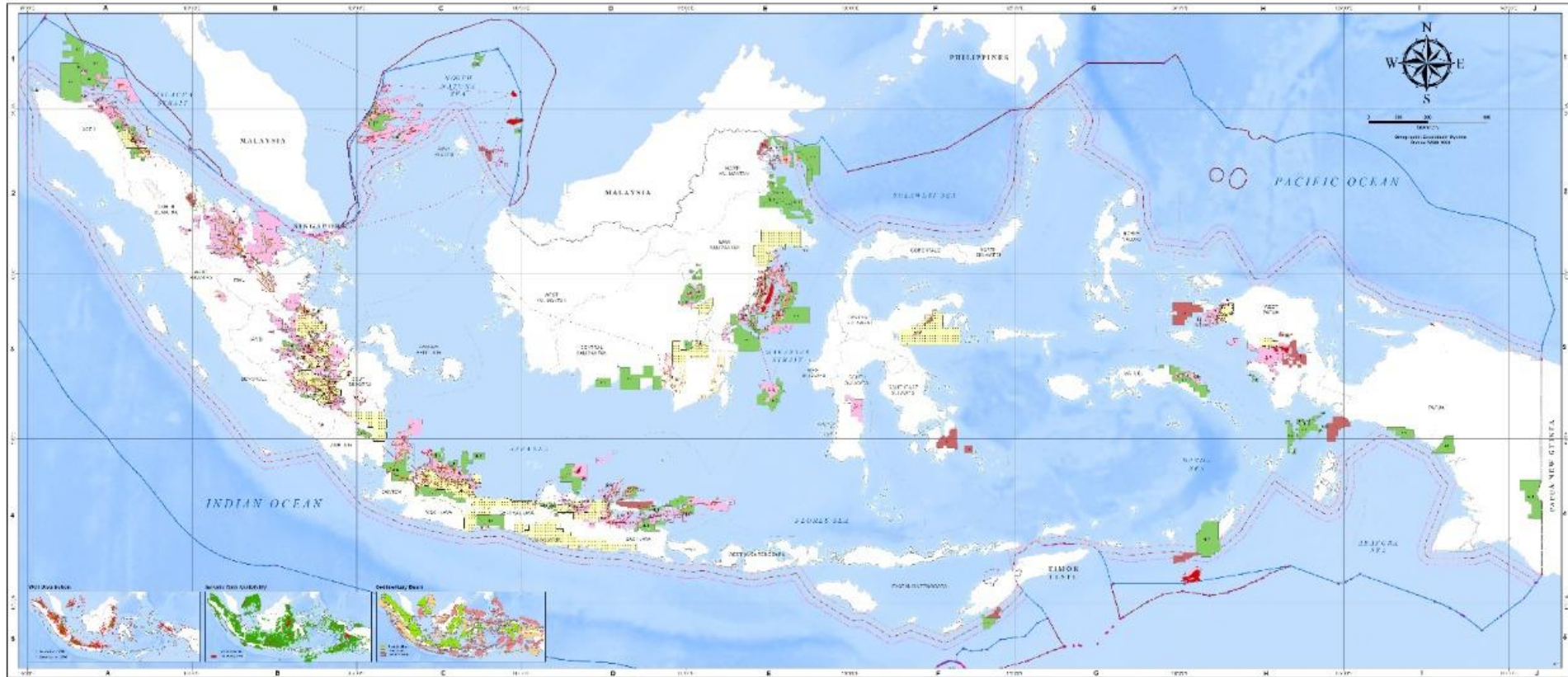


INDONESIA OIL AND GAS BASIN (2020)



“Dengan 128 cekungan, Indonesia terdapat *potensi* yang mampu meningkatkan cadangan dan produksi migas”

INDONESIA OIL & GAS WORKING AREA MAP - STATUS SEPTEMBER 2021



UPSTREAM OIL AND GAS MAP REPUBLIC OF INDONESIA (AS OF SEPTEMBER 2021)		REGION I (SUMATRA & MATAWA ISLANDS)		REGION II (JAVA, MADURA & KALIMANTAN)		REGION III (SYSTEM ROOMS)		UNCONVENTIONAL	
Legend Conventional Unconventional Other State-owned Foreign-owned Joint-venture Other		Legend Conventional Unconventional Other State-owned Foreign-owned Joint-venture Other		Legend Conventional Unconventional Other State-owned Foreign-owned Joint-venture Other		Legend Conventional Unconventional Other State-owned Foreign-owned Joint-venture Other		Legend Conventional Unconventional Other State-owned Foreign-owned Joint-venture Other	
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Tantangan terkait KKH

- Akses untuk eksplorasi & fasilitas produksi (sumur / pipa) yang sudah ada dalam kawasan
- Akses potensi sumber daya migas dalam kawasan.
- Kegiatan pada wilayah kerja yang *overlaying* (tumpang tindih), berbatasan, atau berdekatan dengan **kawasan konservasi** atau **ekosistem penting**.



Ekplorasi Migas di Kawasan Konservasi

Canada memberikan ijin kepada BP untuk melakukan eksplorasi Migas di Area Konservasi Laut

Amerika: 5.002 sumur & 2.155 km dari 595 jalur pipa di area (*NWRS, National Wildlife Refuge System*) – Sistem suaka margasatwa nasional

Ekstraksi Migas diizinkan secara hukum di dalam kawasan lindung di **Uganda**, seperti banyak **negara Afrika lainnya**, dan bahwa **otoritas satwa liar** dan **perusahaan minyak** beradaptasi untuk hidup berdampingan di dalam kawasan lindung



Usulan

1. Pengukuhan Kawasan Konservasi Keanekaragaman Hayati (KKH) dan Penetapan Wilayah Kerja (WK) secara *vice-versa* perlu rekomendasi KL terkait; dengan mempertimbangkan:
 - a) WK/ Kegiatan yang sudah ada
 - b) Potensi Ekplorasi/ Eksploitasi.Usul menambahkan: “*rekomendasi /konsultasi dengan kementerian/lembaga terkait*” pada pasal 63 RUU KKH.

2. Pemanfaatan **kawasan jasa ekosistem** untuk mengakses sumber daya energi (baik masa air, panas bumi, atau migas) sejalan dengan upaya mempertahankan fungsi ekosistem & memperkuat pemanfaatan jasa ekosistem untuk kepentingan khusus. Pasal 102, 103 & 104 RUU KKH.

TERIMA KASIH

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