# Upstream Major Capital Projects Asia-Pacific Region



Projects moving to base

Droject	Location	Operator		C&E	Peak Prod	Current	Stortup
Project	Location	Operator	WI %	\$Billion	MBOED	Phase	Startup
NWS Oil Development	Australia	Other	16.7	1.8AUD	36	Production	2011
Platong II	Thailand	Chevron	69.9 <sup>(1)</sup>	3.1 <sup>(2)</sup>	74	Production	2011
NWS North Rankin 2	Australia	Other	16.7	5.4	Maintain NWS Capacity	Construction	2013
Chuandongbei	China	Chevron	49	4.7	93	Construction	2013
North Duri Stemflood - Area 13	Indonesia	Chevron	100	0.4	17	Construction	2013
Gorgon LNG Trains 1 – 3 <sup>(4)</sup>	Australia	Chevron	47.3	37	450	Construction	2014
NWS Greater Western Flank 1	Australia	Other	16.7	Refer to operator	Maintain Capacity	Construction	TBD
Wheatstone LNG Trains 1-2 <sup>(4)</sup>	Australia	Chevron	90 / 72 <sup>(3)</sup>	29	260	Construction	2016
Browse LNG	Australia	Other	variable	TBD	TBD	Design	TBD
Bibiyana Expansion	Bangladesh	Chevron	98	TBD	57	Design	TBD
Bangka	Indonesia	Chevron	62	TBD	23	Design	TBD
Gendalo – Gehem	Indonesia	Chevron	~63	TBD	210	Design	TBD
Malampaya Phase 2 Development	Philippines	Other	45	TBD	Maintain capacity	Design	TBD
Block B Development	Vietnam	Chevron	42.9 <sup>(1)</sup>	4.3	86	Design	TBD
Gorgon LNG Train 4 Expansion	Australia	Chevron	47.3	TBD	TBD	Evaluate	TBD

<sup>(1)</sup> Represents a weighted average of Chevron's interest across multiple blocks.

<sup>(2)</sup> Includes future drilling and related costs of approximately \$1.5 B.

<sup>(3)</sup> Represents upstream and downstream equity.

<sup>(4)</sup> Excludes future train expansions, includes domestic gas supply.

# **Upstream Major Capital Projects** Caspian, Middle East and Europe Regions



Project	Location	Operator	WI %	C&E \$Billion	Peak Prod MBOED	Current Phase	Stortup
Project	LOCATION	Operator	VVI 70	φοιποπ	INIDOED	Phase	Startup
Large scale Steamflood Pilot	PZ	Joint Operator	50	0.4	TBD	Production	2009
Karachaganak Train 4	Kazakhstan	Other	20	Refer to Operator	56 <sup>(1)</sup>	Production	2011
ACG Chirag Oil Project	Azerbaijan	Other	11.3	6.0	140	Construction	2013
Clair Ridge	UK	Other	19.4	7.0	120 <sup>(2)</sup>	Construction	2016
CPC Pipeline Expansion	Kazakhstan	Affiliate	15	5.4	670 <sup>(3)</sup>	Construction	2016 <sup>(4)</sup>
Alder	UK	Chevron	70	TBD	30	Design	TBD
Tengiz Future Growth Project	Kazakhstan	Affiliate	50	TBD	250-300	Evaluate	TBD
Karachaganak Expansion III	Kazakhstan	Other	20	TBD	TBD	Evaluate	TBD
Wafra Steamflood - Stage 1	PZ	Joint Operator	50	TBD	80 - 100	Evaluate	2017
Rosebank	UK	Chevron	40	TBD	TBD	Evaluate	TBD

<sup>(1)</sup> Represents incremental liquids stabilization capacity.

<sup>(2)</sup> Represents design capacity.

<sup>(3)</sup> Represents incremental throughput capacity.

<sup>(4)</sup> Represents staged ramp-up with full capacity available in 2016.

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C&E is estimated 100% gross project C&E. Peak production is estimated 100% gross production when project is at its maximum level. 2

Projects moving to base

## Upstream Major Capital Projects West Africa Region – Angola/Congo



Project	Location	Operator	WI %	C&E \$Billion	Peak Prod MBOED	Current Phase	Startup
Mafumeira Norte	Angola	Chevron	39.2	0.8	57	Production	2009
Tombua Landana	Angola	Chevron	31	4.3	75	Production	2009
Angola LNG Plant	Angola	Affiliate	36.4	10.0	175	Construction	2012
Nemba ESR Stage 1 & 2	Angola	Chevron	39.2	1.0	16	Construction	2014
Lianzi	Angola	Chevron	31.3	TBD	47	Design	2014
Mafumeira Sul	Angola	Chevron	39.2	TBD	120	Design	TBD
South N'Dola	Angola	Chevron	39.2	TBD	28	Design	TBD
Moho Nord	Congo	Other	31.5	TBD	TBD	Design	TBD
Greater Vanza Longui Area	Angola	Chevron	39.2	TBD	TBD	Evaluate	TBD
Lucapa	Angola	Chevron	31	TBD	TBD	Evaluate	TBD
Malange	Angola	Chevron	31	TBD	TBD	Evaluate	TBD
Negage	Angola	Chevron	31	TBD	TBD	Evaluate	TBD

Projects moving to base

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## Upstream Major Capital Projects West Africa Region – Nigeria



Project	Location	Operator	WI %	C&E \$Billion	Peak Prod MBOED	Current Phase	Startup
EGP3A	Nigeria	Chevron	40	2.4	109	Production	2010
Usan	Nigeria	Other	30	Refer to Operator	180	Production	2012
Agbami 2	Nigeria	Chevron	67.3	1.9	Maintains Capacity	Construction	2012
Onshore Asset Gas Management	Nigeria	Chevron	40	0.7	21	Construction	2012
EGTL	Nigeria	Chevron	75	8.4	33 (1)	Construction	2013
Olero Creek Restoration Project	Nigeria	Chevron	40	0.5	48 <sup>(2)</sup>	Construction	2013
EGP3B	Nigeria	Chevron	40	2.4	20 <sup>(3)</sup>	Construction	2016
Sonam Development (Gas Supply Expansion)	Nigeria	Chevron	40	1.7	66	Construction	2016
Dibi Long Term Project	Nigeria	Chevron	40	TBD	55 <sup>(1)</sup>	Design	TBD
BongaSW / Aparo	Nigeria	Other	20 (4)	Refer to Operator	TBD	Evaluate	TBD
Nsiko	Nigeria	Chevron	95	TBD	TBD	Evaluate	TBD

<sup>(1)</sup> Represents total plant off take of liquid products.

<sup>(2)</sup> Represents facility capacity.

<sup>(3)</sup> Represents gas processing capacity and excludes incremental oil production enabled by this project.

<sup>(4)</sup> Represents weighted average interest across multiple blocks.

Projects moving to base

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# Upstream Major Capital Projects Latin America Region



Project	Location	Operator	WI %	C&E \$Billion	Peak Prod MBOED	Current Phase	Startup
Frade	Brazil	Chevron	51.7	3.6	86	Production	2009
Incremental Gas Project	Trinidad & Tobago	Other	50	0.3	37	Production	2009
Papa Terra	Brazil	Other	37.5	Refer to Operator	140	Construction	2013
Maromba	Brazil	Other	30	Refer to Operator	TBD	Design	TBD
Trinidad Starfish	Trinidad & Tobago	Other	50	TBD	TBD	Design	TBD

Projects moving to base

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# Upstream Major Capital Projects North America Region



				C&E	Peak Prod	Current	
Project	Location	Operator	WI %	\$Billion	MBOED	Phase	Startup
Tahiti 1	United States	Chevron	58	2.7	135	Production	2009
Piceance Stage 2	United States	Chevron	100	0.7	11 <sup>(1)</sup>	Production	2009
AOSP Expansion 1	Canada	Other	20	14.3	100	Production	2010
Perdido	United States	Other	33.3 - 60	4.4	130 <sup>(1)</sup>	Production	2010
Tahiti 2	United States	Chevron	58	2.3	Maintains Capacity	Production	2012
Caesar / Tonga	United States	Other	20.3	1.7	46	Construction	2012
Hibernia South Extension	Canada	Other	23.6	1.7	Maintains Capacity	Construction	2014
Big Foot	United States	Chevron	60	4.1	79	Construction	2014
Jack/ St. Malo	United States	Chevron	50 / 51	7.5	177 (1)	Construction	2014
Tubular Bells	United States	Other	42.9	2.3	40 – 45	Construction	2014
Hebron	Canada	Other	26.6	TBD	TBD	Design	TBD
Mad Dog II	United States	Other	15.6	TBD	120 - 140	Design	TBD
Amauligak	Canada	Other	35.4	TBD	TBD	Evaluate	TBD
Buckskin	United States	Chevron	55	TBD	TBD	Evaluate	TBD
Knotty Head	United States	Other	25	TBD	TBD	Evaluate	TBD

<sup>(1)</sup> Represents total processing capacity.

Projects moving to base

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