



# Uranium mining at Husab

Presented by Zheng Keping, CEO Swakop Uranium

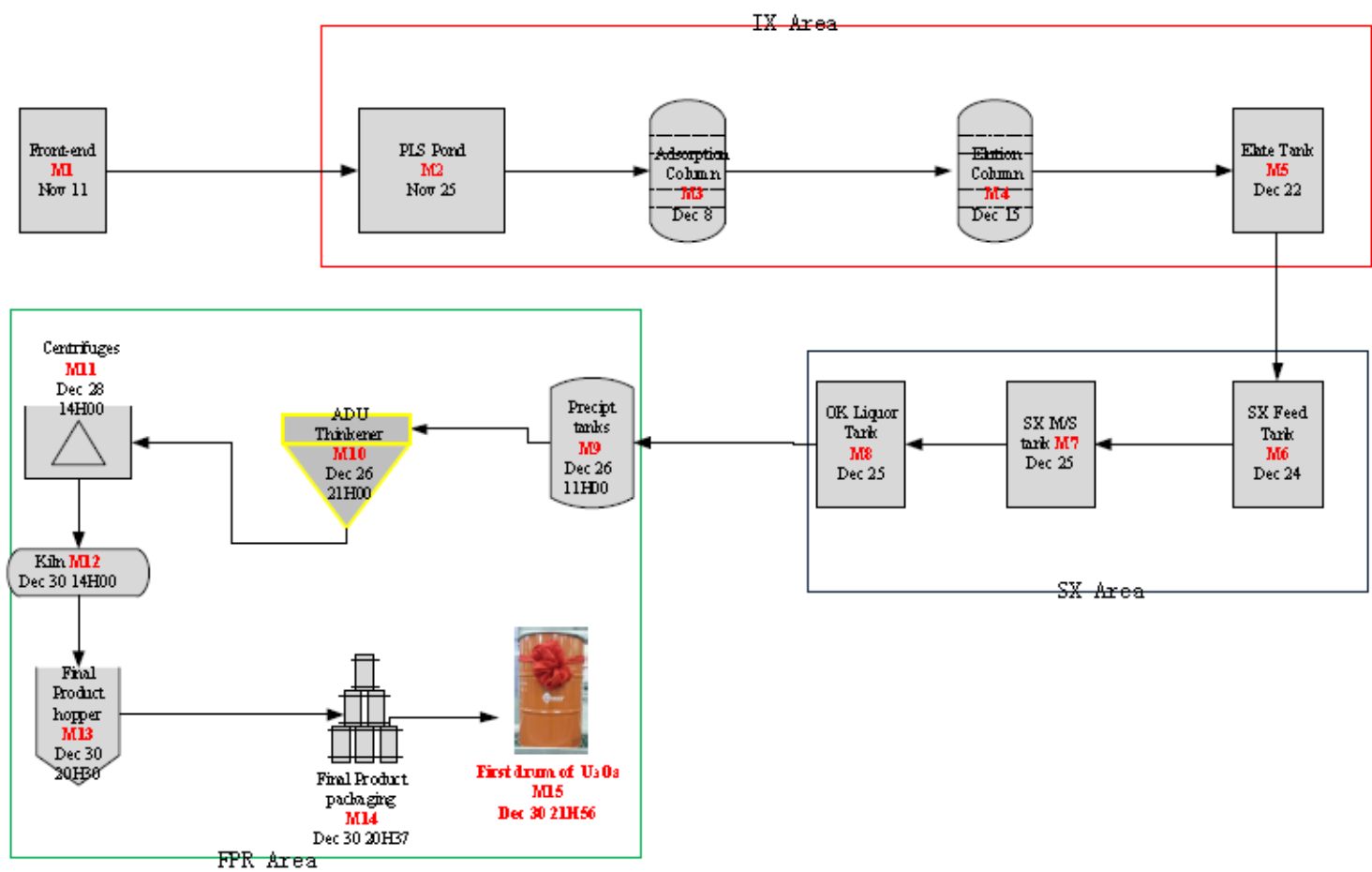
*26 April 2017  
Mining EXPO, Windhoek*

# Drum No1 of Husab's U3O8

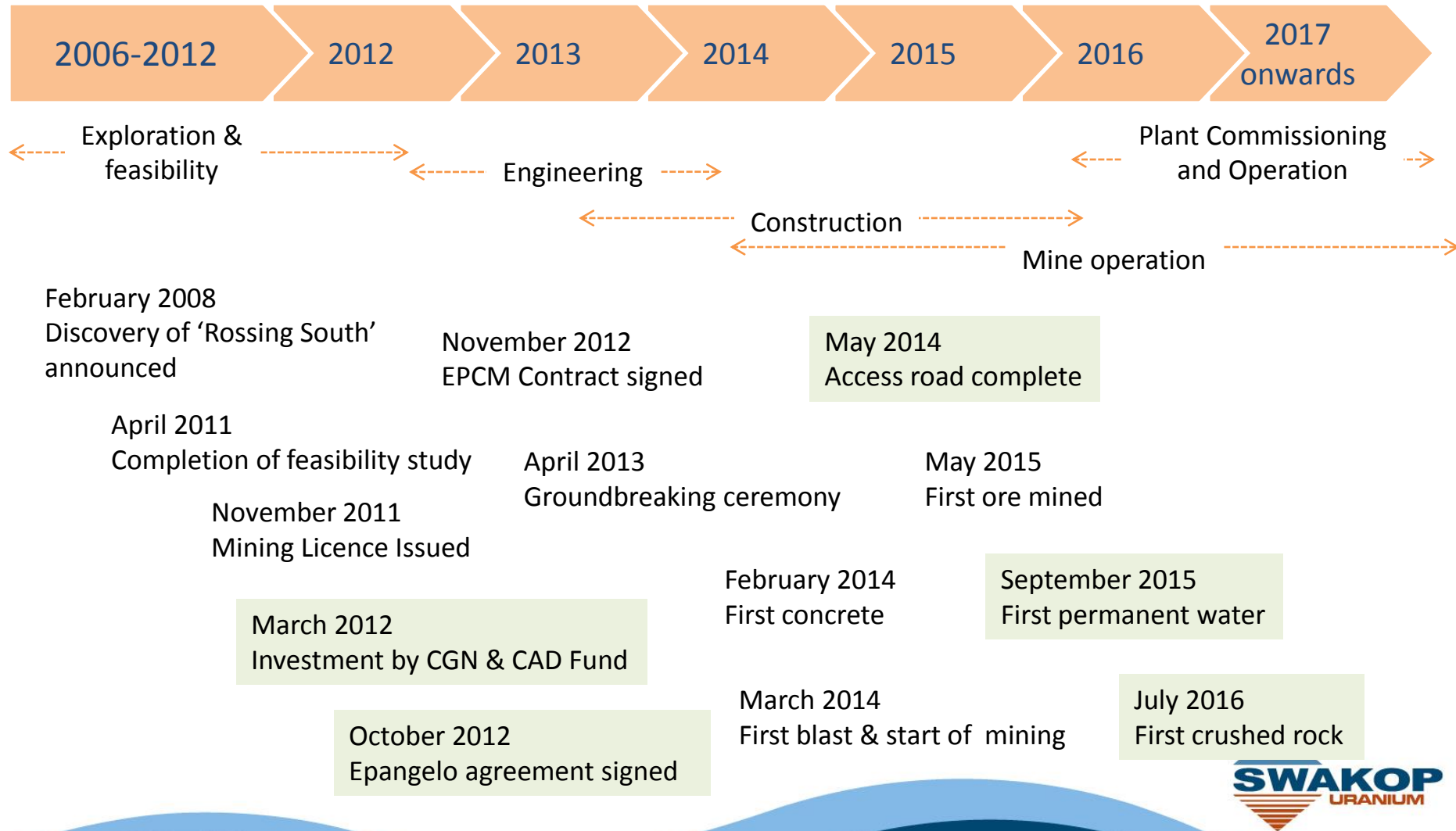


# Hot Commissioning

Husab Mine Processing Plant Hot Commissioning Key Milestones  
(2016.Dec.30)



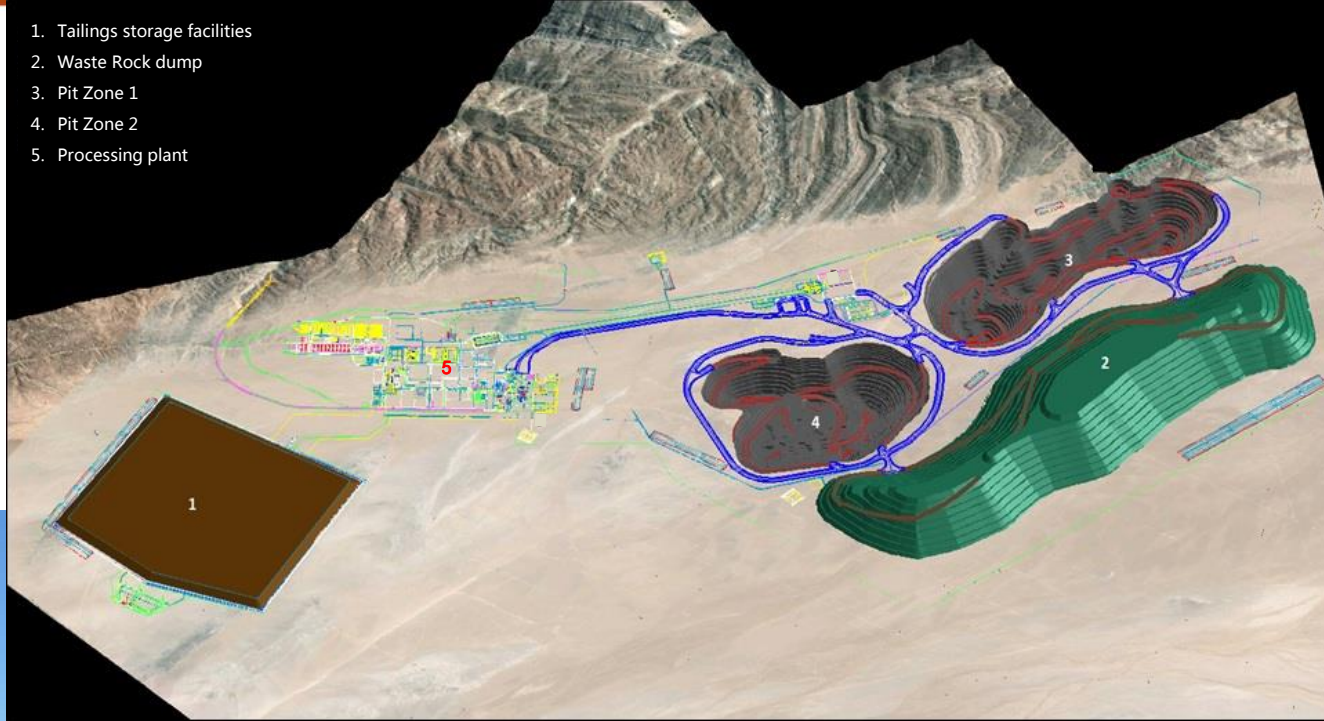
# Husab timeline – discovery to production in less than a decade





# Site layout

1. Tailings storage facilities
2. Waste Rock dump
3. Pit Zone 1
4. Pit Zone 2
5. Processing plant

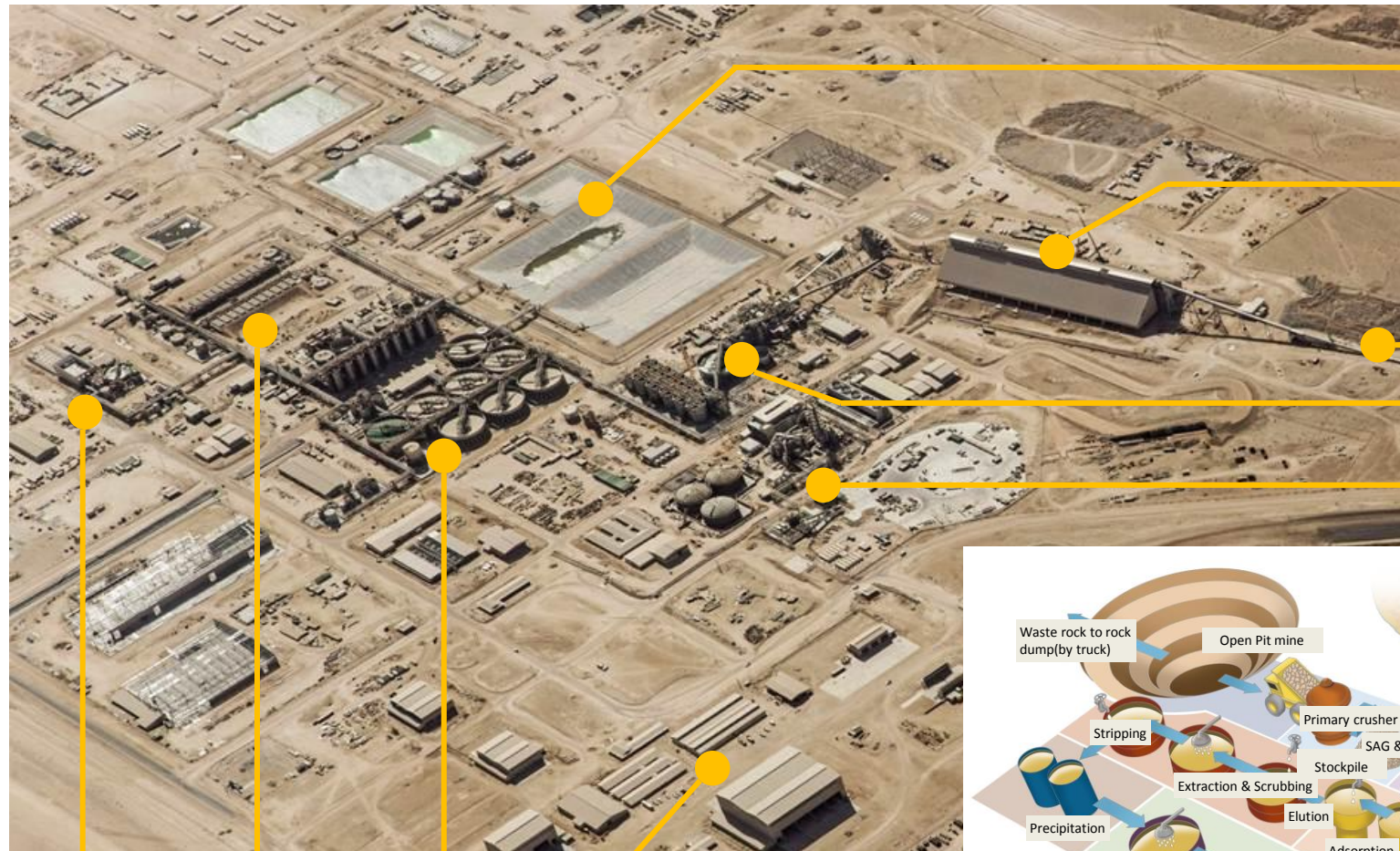


## Owner's PJT + EPCM





# Processing Plant



Ponds

Ore Stockpile

To crusher

Milling and leach

Acid plant and tanks

FPR

IX & SX

CCD circuit

Workshops and offices





# Mining Load and Haul commenced in March 2014








# CGN – Swakop Uranium's majority shareholder and key customer

## Top 5 globally and China's largest nuclear power company

	Operation	Construction
Reactors <sup>(1)</sup>	18	10
Installed Capacity <sup>(1)</sup>	19,300MWe	12,436 MWe
Share of China's capacity in operation/construction <sup>(1)</sup>	62.7%	47.6%

-  Gigawatt-level units in operation
-  Gigawatt-level units under construction
-  1.75 Gigawatt-level units under construction

Hongyanhe Nuclear Base 

Yangjiang Nuclear Base 

Taishan Nuclear Base 

Ningde Nuclear Base 

Daya Bay Nuclear Base 

Fangchenggang Nuclear Base 



(1) As at 31 July 2016. Includes units owned or managed by CGN. Operating units includes units available for commercial operation and in-service units

# Flagship mine development in Namibia



Visit by Dr. Saara Kuugongelwa – Amadhila, Prime Minister of the Republic of Namibia  
29 July 2016



Visit by His Excellency Hage Geingob, President of Namibia and President of Mali, Ibrahim Keita  
19 March 2016



Visit by His Excellency Hage Geingob, President of Namibia and Edgar Lungu, President of Zambia  
27 August 2015





# Strong focus on environmental protection

**Covered ore stockpile**



**Fully lined Tailings Storage Facility**





# From exploration to the brink of production



# Commitment to Harambee Prosperity Plan



**Swakop Uranium  
contributes to the HPP  
Pillars**



Effective  
Governance



Economic  
Advancement



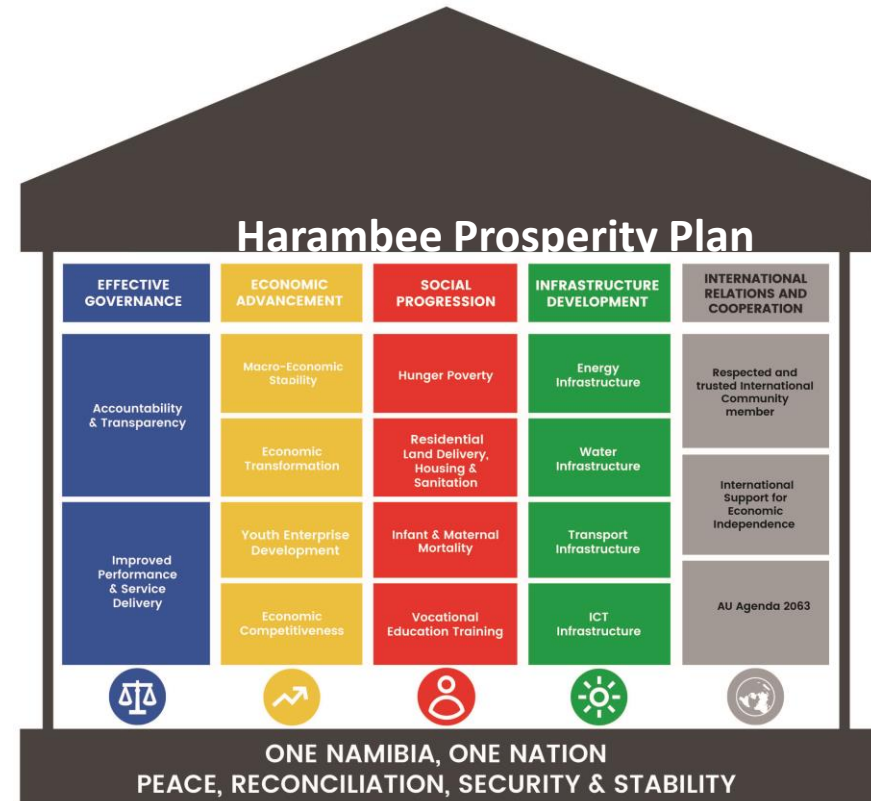
Social  
Progression



Infrastructure  
Development



International  
Relations &  
Cooperation



# The world's largest uranium mine

Thank you

