

# Woodie Woodie

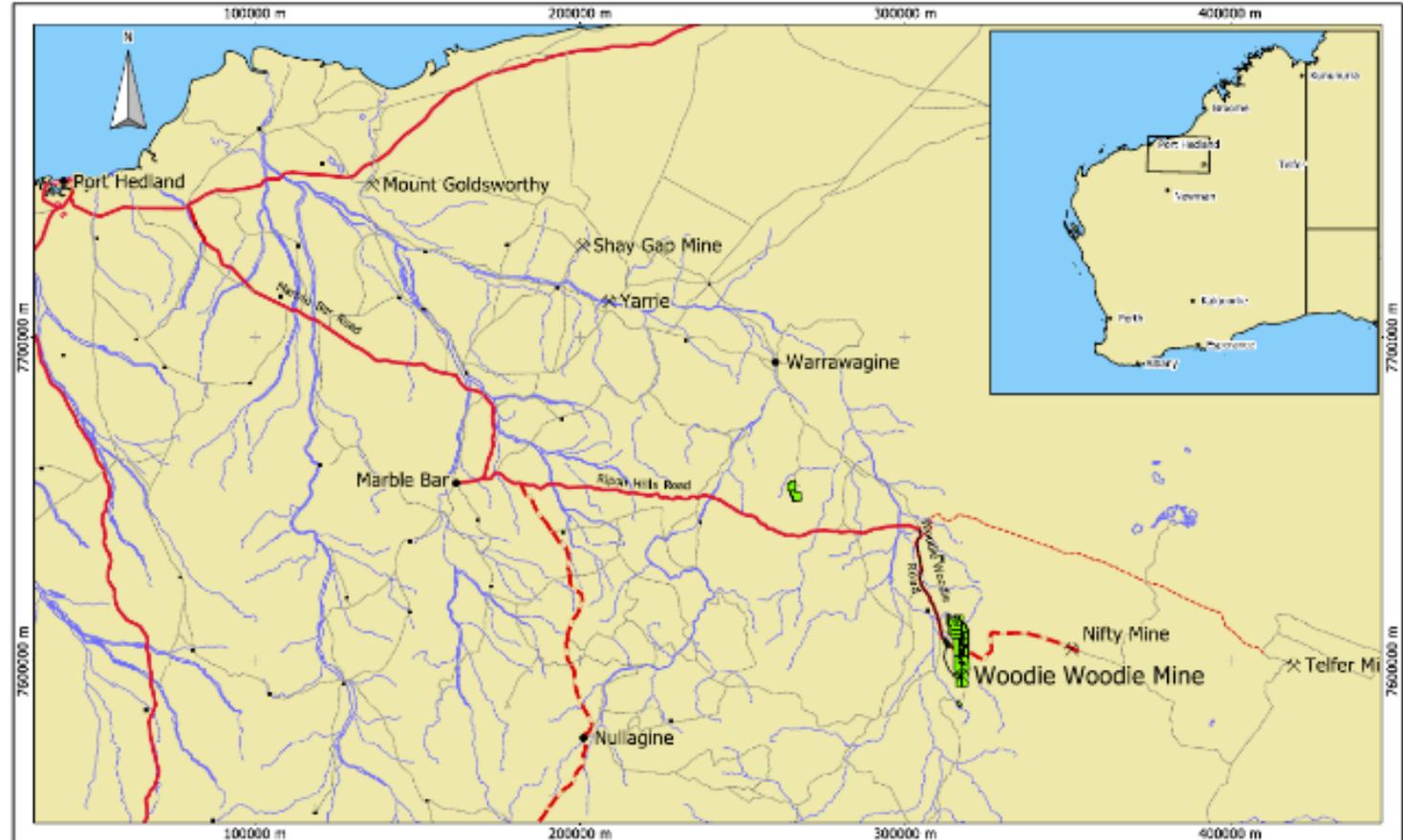
Stakeholder Update

**Kirsty Danby**

# Background

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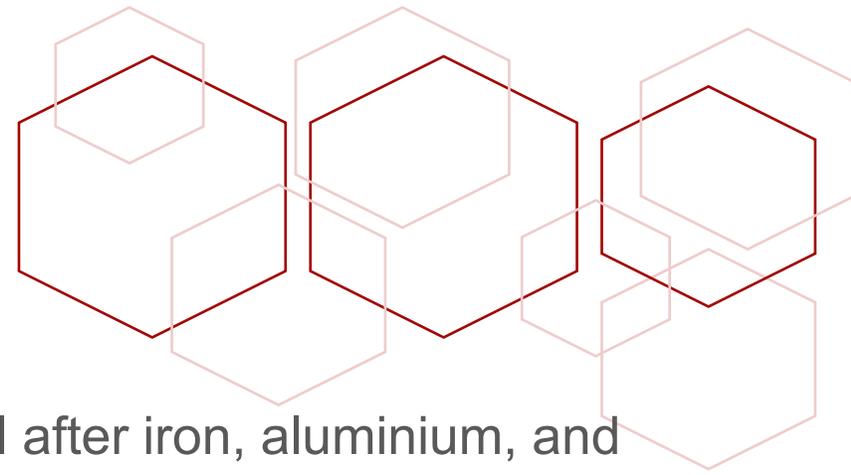
- Woodie Woodie manganese mine is 380km south-east of Port Hedland
- Manganese ore has been mined at Woodie since the early 1950s
- Manganese was the first bulk commodity exported from Port Hedland – 14 years before iron ore





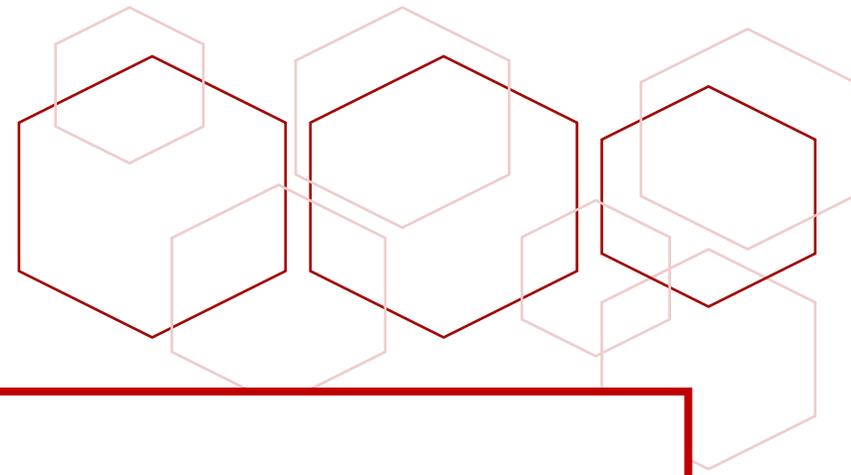
# Minerals for life

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- Manganese is the fourth most-used metal after iron, aluminium, and copper
- As much as 90 per cent of global manganese consumption is accounted for by the steel industry where it is an essential and irreplaceable component in steel manufacturing to improve its strength, resistance and workability
- The use of manganese in many essential modern technologies has resulted in it being designated a critical mineral by Australia, the United States, Canada and Japan
- Woodie Woodie produces the world's best manganese oxide ores

# Our Values



**DEDICATION**

**TEAMWORK**

**SIMPLICITY**

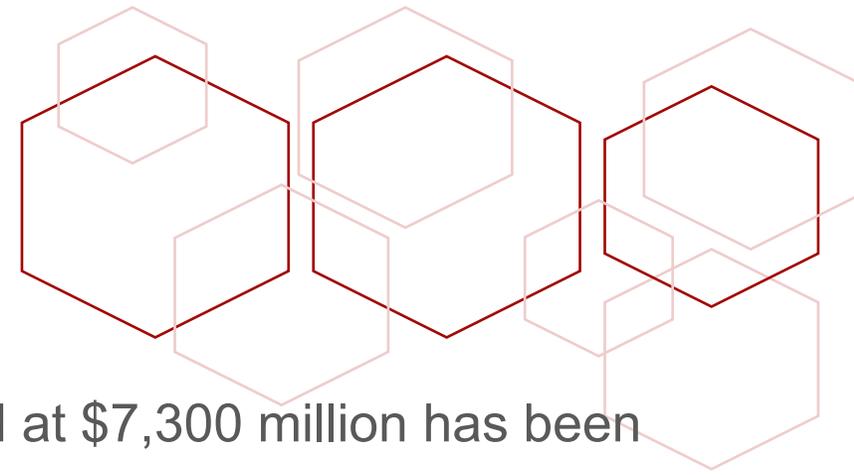
**EXCELLENCE**

**INNOVATION**



# Our Contribution

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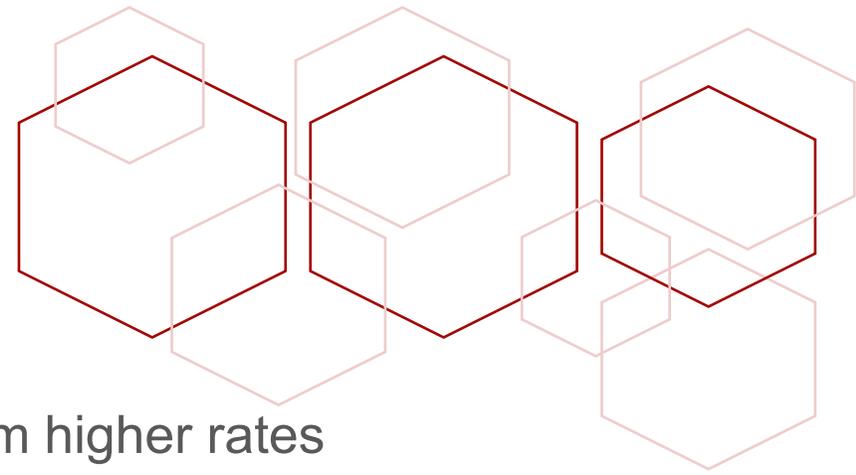


- 13.4 million tonnes of manganese valued at \$7,300 million has been mined at Woodie Woodie since 1990
- Average production over the decade to 2020 was 0.5Mt a year valued at \$300 million
- We have a workforce of 427 people, including 378 company employees and 49 contractors
- The Woodie Woodie operating cost of \$300m a year delivers economic benefits of \$8m in the East Pilbara, \$794m in WA, and \$162m in Australia



# Our Contribution

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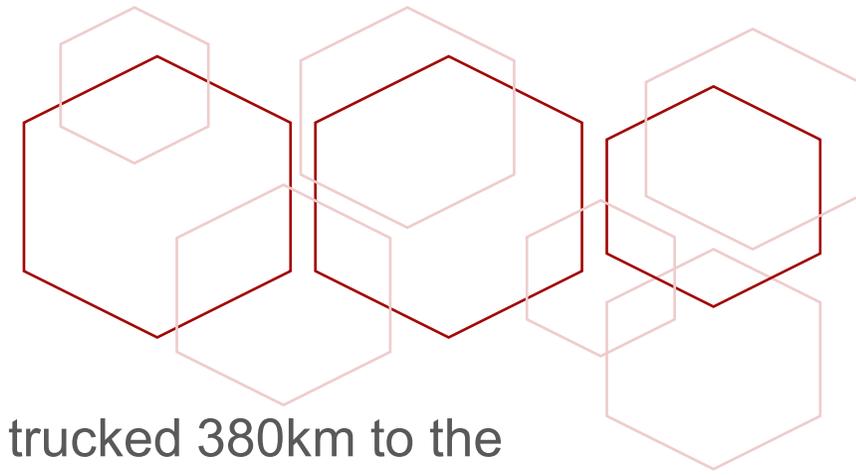


- Local Government Authorities benefit from higher rates because of the industrial work sites and housing associated with the workforce.
- Rates paid to the Shire of East Pilbara in 2020 were \$0.52m and \$0.14m to the Town of Port Hedland.
- State Government revenue was \$33m in 2020 comprising:
  - Royalties, safety levy and tenement rentals - \$29m
  - Payroll tax - \$3m
  - Department of Main Roads - \$1m



# Supply Chain

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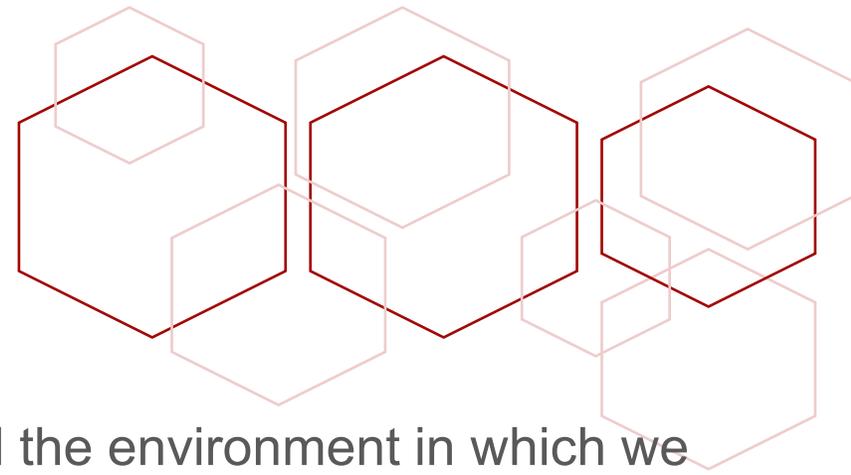


- Manganese ore is processed on site and trucked 380km to the Port of Port Hedland for export.
- ConsMin uses the Utah Point Bulk Handling Facility, built to service junior miners.
- ConsMin was the foundation customer.
- QUBE provides an integrated mine to port supply chain service.



# Environment

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- We are dedicated to caring for others and the environment in which we work.
- We are committed to sustainable development.
- We recognise that good environmental performance is key to our sustainability
- We seek to create a culture where biodiversity is protected and preserved, resources are used efficiently, and, where practicable, waste and pollution is prevented
- Our partnership with Curtin Innovation Centre to use AI to identify the presence of the Northern Quoll has won environmental and tech awards



# Community

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- ConsMin has enjoyed a long relationship with the community of Port Hedland.
- Community Grants Program designed to fund not-for-profit organisations such as sporting groups, community events, small infrastructure projects, and community support services.
- Gold Sponsor of the South Hedland Football Club (the Swans), and Southside Demons Netball Club.
- 2021 donated nearly \$21,000 to the Royal Flying Doctor Service raised through onsite Quiz Nights.
- ConsMin meets and consults with the Traditional Owners over aspects relating to the identification, protection and management of their cultural heritage.

# Woodie Continued Operations Plan

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- ConsMin is proposing to extend the life of the Woodie Woodie mine.
- The continued operations project is subject to Federal and State approvals.
- We are also developing a Mine Closure Plan and Mining Proposal.
- The project will increase the current Clearing Permit Boundary area from 7,589ha to create a Development Envelope of 12,708 ha.
- We are proposing to extend the existing mine boundaries to the north, south, and west.
- Total production volumes and haulage and shipping rates will not increase.
- Mining operations will cease in 2031.
- Rehabilitation and mine closure activities will continue until 2042.





# WCOP – Overview

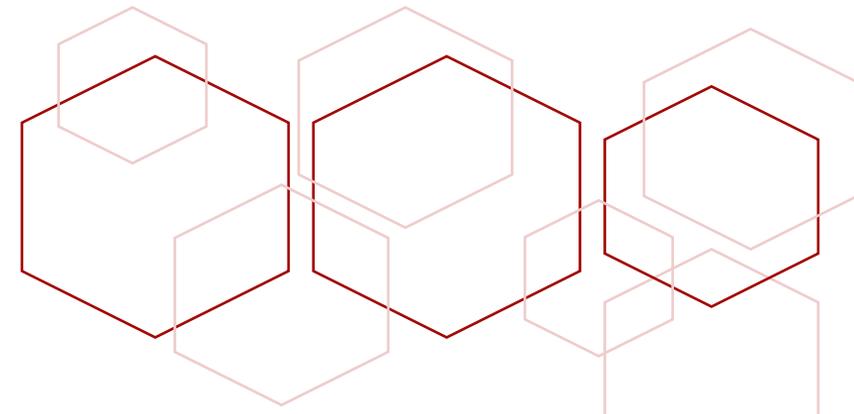
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- Continued operations are estimated to generate a total of 35 jobs in the Pilbara, about 1,440 in the rest of WA and 325 jobs in the rest of Australia.
- Includes construction of various infrastructure to support mining activities, including roads and tracks, administration facilities including an accommodation village, communications infrastructure, processing plant, workshops and associated infrastructure.
- We will continue to implement exclusion zones surrounding known Aboriginal Heritage Sites for protection from ground disturbing activities.
- Dust from transport and exporting at Utah Point, Port Hedland are not expected to increase given the throughput levels are not increasing.

# WCOP – The Environment

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- Woodie Woodie falls partly in the Warrawagine and Wandanya Pastoral Stations or otherwise on UCL.
- We have conducted extensive environmental studies over the past 24 months to determine the impact of the continued operations.
- These studies have focused on five key factors identified by the EPA under which our continued operations project is being assessed.
- These are: Terrestrial and Subterranean Fauna; Flora & Vegetation; Inland Waters and Social Surrounds.
- We have embarked on stakeholder engagement around these key issues to gain feedback that will be incorporated into our overall continued operations and closure plans.



# WCOP – Flora and Fauna

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- Flora and Fauna surveys have identified a number of Conservation Significant Species;
  - Priority Flora Species have been identified but no Threatened Species.
  - Terrestrial Species such as the Northern Quoll and the Pilbara Olive Python have been recorded.
  - Investigations into impacts to Subterranean Fauna are ongoing. Impacts to any SubT Fauna species identified as conservation significant will be managed appropriately.
- We propose to avoid/minimise impacts to Conservation Significant Species and their habitats wherever possible and are developing a plan to manage this.





# WCOP – Water use and reuse

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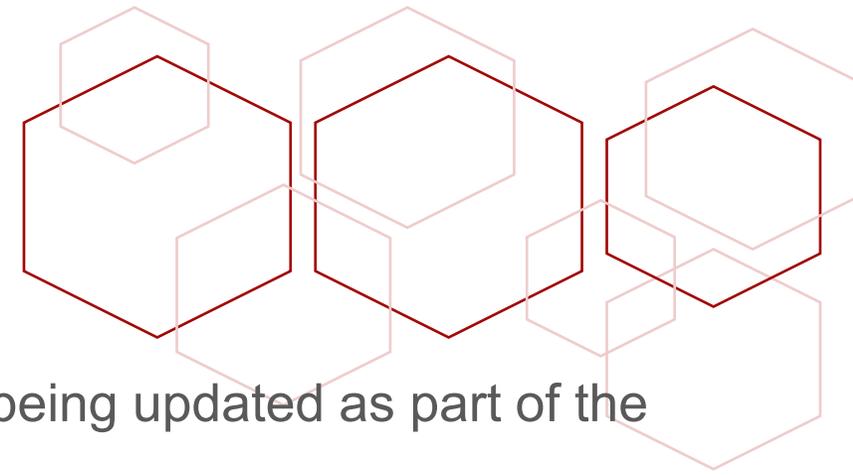


- Water used on site comes from groundwater sources under licence from the Department of Water and Environmental Regulation.
- These licences allow for potable water use and use in mining activities including dust suppression and ore processing.
- Excess water is discharged into natural creek lines, which flow on to the Oakover River (including to Carawine Gorge).
- This abstraction and discharge will continue, extending flows further downstream.
- Mine closure will then potentially reduce water levels at Carawine Gorge when inflows return to natural levels.
- Aquatic surveys have confirmed no sensitive water receptors are to be impacted by dewatering or discharge activities.



# WCOP – Mine closure

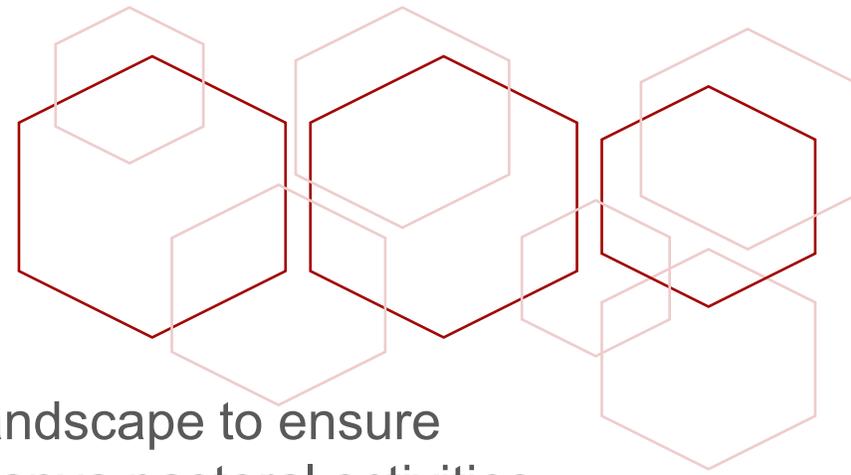
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- A Mine Closure Plan is in place. This is being updated as part of the continuing mining operations.
- Mine closure occurs in two distinct stages. The first stage, decommissioning, involves the removal and disposal of all infrastructure and contaminated material.
- The second stage involves rehabilitation and revegetation.
- At closure Woodie will consist of open voids, backfilled voids and rehabilitated waste rock dumps.
- We have committed to ensuring these features are safe, stable and non-polluting.
- Monitoring will occur throughout closure activities.

# WCOP – Mine closure

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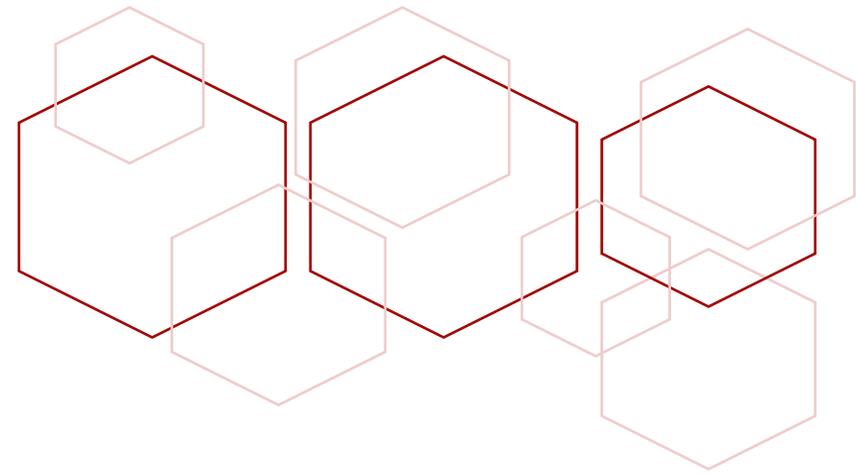


- The area will be returned to a pastoral landscape to ensure continuation for Warrawagine and Wandanya pastoral activities.
- Through the stakeholder consultation process, several features may remain and be handed over to other land holders.
- This could include the airstrip and any water supply bores.
- Discussions will be held with Traditional Owners over closure planning.
- There will likely be job opportunities related to rehabilitation which will encompass training and development.



# Get in touch

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We want to hear from you. If you have any questions or concerns, email us:

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