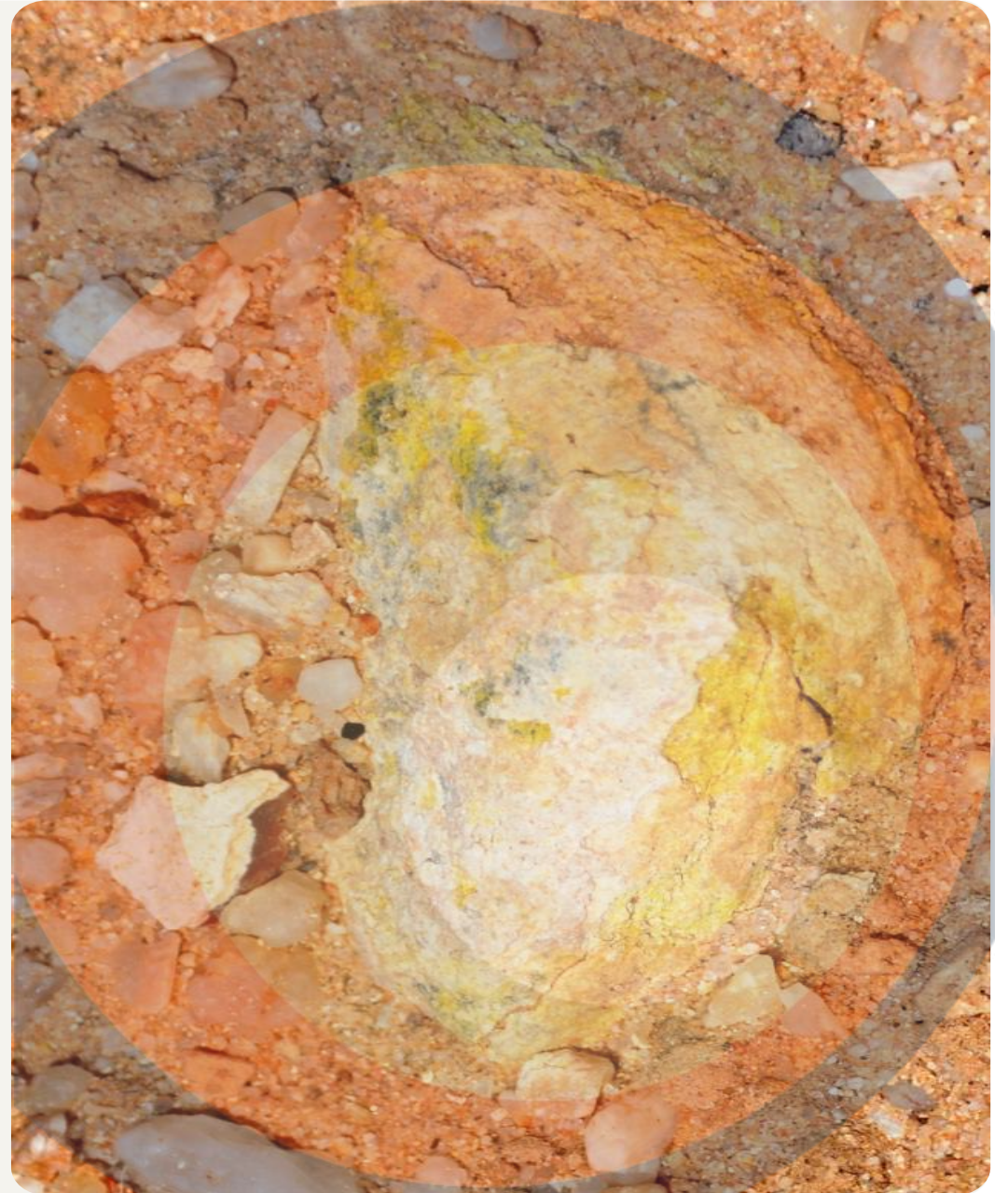




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## **Uranium-Focused Energy Metals Exploration in World-Class Jurisdictions**

**2nd April 2026**



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# About Us

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# About Us

On a mission to discover new resources for future generations



## Company Overview

Arkle Resources PLC (LSE:ARK) is an AIM listed company with a portfolio of critical minerals assets in tier-one mining jurisdictions. The Company targets uranium in Namibia, lithium in Botswana, and zinc in Ireland – three commodities essential to the global energy transition



## Founding Project

Founded in 2004 by John Teeling and Jim Finn, the Company co-discovered the Stonepark zinc deposit in County Limerick – now Ireland's second largest undeveloped resource – in a joint venture with Teck Ireland. Teck's interest was acquired by Group Eleven Resources (TSX-V: ZNG), who continue to advance the project alongside Arkle



## Transformative Acquisition

In January 2026, the Company announced a transformative deal to acquire Namibia Uranium Pty Ltd, which has introduced four highly prospective uranium licences contiguous to major development and production assets in a world-class uranium jurisdiction. A fundraising of £1.7 million was completed concurrent with the acquisition, which was significantly oversubscribed



## New Direction and Leadership

This acquisition, alongside the Company's existing licence portfolio and the introduction of new management, repositions Arkle to become a leading explorer in energy metals with uranium at the heart of its strategy. The board retains the deep experience of its founders whilst new management brings fresh capital markets, operational, and African expertise to the next phase of the Company's development



# Summary

**Positioned to become one of London's premier uranium explorers at the beginning of a sustained global nuclear expansion cycle**

## Transformational Acquisition

85% of 4 EPLs covering 540 km<sup>2</sup> in Erongo province, directly contiguous to Trekkopje (Orano), Rössing (CNNC) and Marenica (Elevate) – three world-class uranium deposits

## Proven Uranium at Surface

2025 sampling returned up to 3,855 ppm U<sub>3</sub>O<sub>8</sub> across all four EPLs, with grades 20× higher than neighbouring resource grades. Land position near >1.2 billion lbs of known uranium endowment

## Fully Funded 2026 Work Programme

£1.7m raised (oversubscribed) funding geophysics, mapping and up to 4,000m RC drilling, targeting a maiden resource estimate

## World-class Uranium Expertise

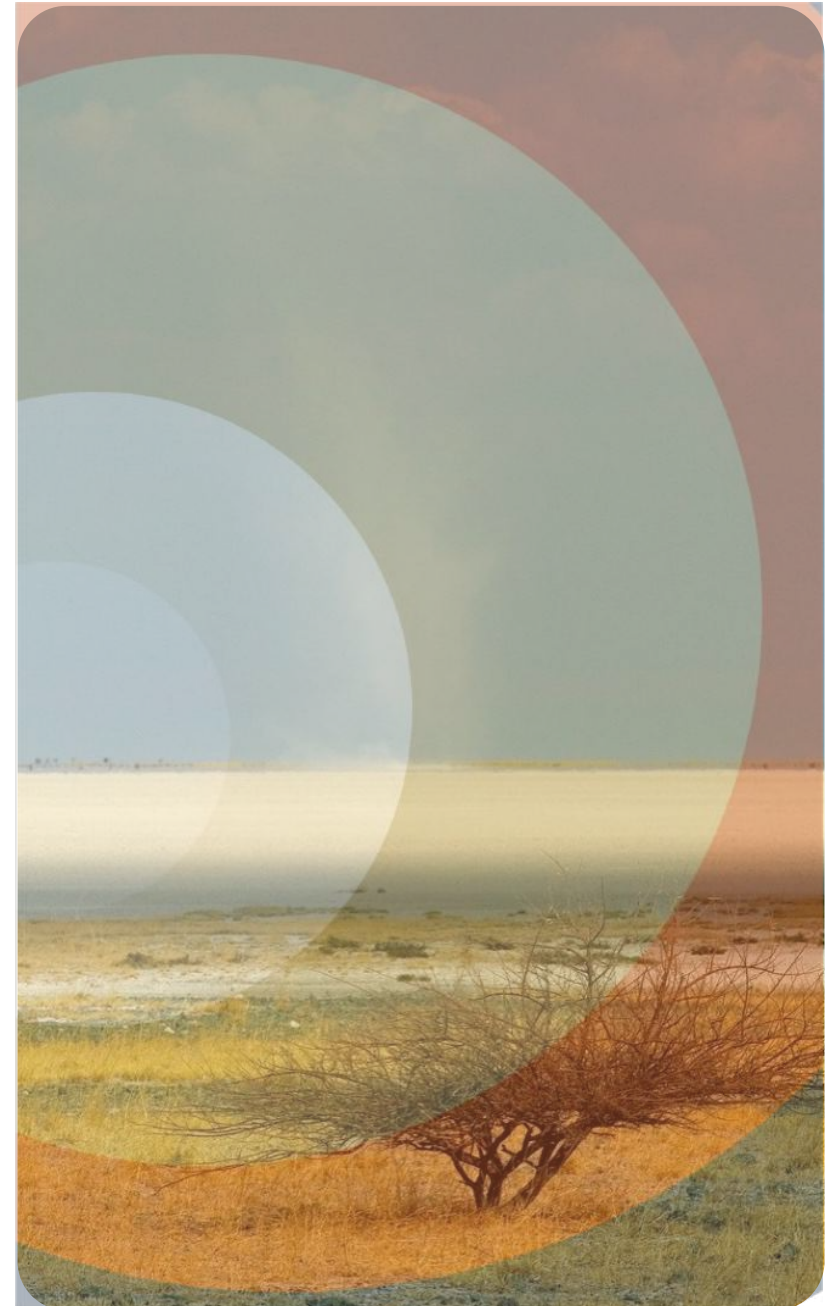
Technical team with direct experience at Rössing, Langer Heinrich, Cameco, Forsys and Bannerman, including the discoverers of Cigar Lake and McArthur River

## Unique London-listed Exposure

One of the only AIM-listed uranium explorers with direct exposure to Africa's key uranium belts, at the beginning of a sustained global nuclear expansion cycle

## Diversified Portfolio Upside

1,612 km<sup>2</sup> of lithium brine licences in Botswana plus 22.36% JV interest in Stonepark zinc (5.1 Mt @ 11.3% Zn+Pb) adjacent to Glencore's Pallas Green. Operator Group Eleven intends to drill 15,500 m over the next two years



# Projects Snapshot

## Uranium in Namibia

- Four 85% held uranium Exclusive Prospecting Licences (EPLs) covering 540km<sup>2</sup> in Erongo region
- Adjacent to three major uranium projects
- 2025 exploration identified significant uranium anomalies on all four licences with surficial, easy-to-explore targets
- Namibia is a recognised tier-one supplier to global utilities and is the world's third largest uranium producer
- Arkle's technical team has experience at Rössing, Langer Heinrich, Forsys and Cameco



## Lithium in Botswana

- Three 100% held Prospecting Licences (PLs) in the Makgadikgadi Salt Pans covering 1,612 km<sup>2</sup>
- 2024 surveys on PL148 and PL075 confirmed thick brine layers with lithium in all samples and significant magnesium
- Q4 2025 geophysics on PL1716 indicates brines to 25m depth
- Further exploration and drilling is planned to assess lithium brine concentrations at depth
- Environmental Impact Assessment (EIA) is underway as a prerequisite to drilling



## Zinc in Ireland

- 22.36% JV interest in the Stonepark zinc project, Co. Limerick
- Partnered with Group Eleven Resources (in which Glencore is 14% shareholder)
- Seven contiguous licences covering 201 km<sup>2</sup>
- Inferred Resource: 5.1 Mt at 11.3% Zn+Pb (8.7% Zn, 2.6% Pb); open along and across strike
- Adjacent to Glencore's 45.4 Mt Pallas Green deposit; higher grade and shallower (190–395m)



# Corporate Snapshot

| Key Information                       |               |
|---------------------------------------|---------------|
| Exchange                              | AIM           |
| Stock Code                            | ARK           |
| Financial Year End                    | 31 December   |
| Total Issued Shares (Ordinary Shares) | 1,521,110,997 |
| Shares Not In Public Hands            | 29.70%        |

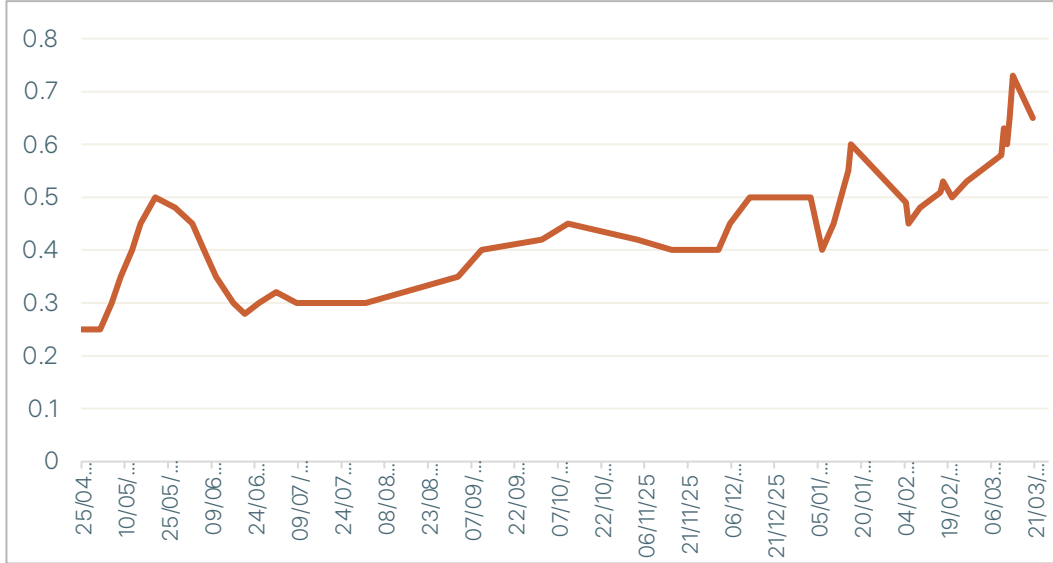
| Substantial/Director Shareholders |        |
|-----------------------------------|--------|
| Aron L. Haludilu                  | 12.33% |
| Rory Harding (Director)           | 4.94%  |
| John James Teeling (Director)     | 4.85%  |
| David Cockbill (Director)         | 2.36%  |
| James Michael Finn (Director)     | 1.86%  |
| Robin Birchall (Director)         | 0.77%  |

Information on slide as at 2<sup>nd</sup> April 2026

## Share Price Information (as at 02/04/26)

|             |           |
|-------------|-----------|
| Market Cap  | £8.81 Mn  |
| Share Price | 0.6 pence |

## 12 Month Share Price (GBP)



# Our Metals

## Uranium

- Uranium market is in a multi-year structural upcycle
- Nuclear resurgence driving long-term demand growth
- AI and data centre power demand accelerating consumption
- Years of underinvestment constraining primary supply
- U<sub>3</sub>O<sub>8</sub> futures above US\$100/lb in early 2026
- Significant projected long-term supply gap without new investment



## Lithium

- Lithium market shifting from oversupply to tightening conditions
- Strong EV and BESS demand growth
- Critical metal underpinning lithium-ion battery technology (+90% of demand)
- Essential to high energy density, long-life, fast-charging batteries
- Central to the global clean energy transition
- Geographically concentrated and slow-to-scale supply creating strategic risk



## Zinc

- Critical metal underpinning construction, industry and energy infrastructure
- Emerging zinc-air and zinc-ion batteries enabling long-duration storage
- Fourth most used metal globally with structural demand growth
- Supply concentrated in few countries, with China dominant
- Tight global inventories supporting firm LME pricing
- Ireland: No.1 globally for zinc per km<sup>2</sup> (Fraser Institute). Stonepark in prolific Limerick district



# Board Of Directors



## John Teeling

Executive Chairman

John is one of Ireland's most experienced mining entrepreneurs, with involvement in the Irish resources sector stretching back to the late 1960s with the Tynagh and Tara zinc mines. He has brought ten companies to AIM listing including African Diamonds, Pan Andean Resources, Minco, African Gold, Persian Gold and West African Diamonds. John founded Kenmare Resources, now a LSE Main Board titanium producer, and was a Director of Arcon International (Galmoy zinc mine). In Africa, his company African Diamonds discovered the AK6 kimberlite in Botswana, subsequently acquired by Lucara Diamond Corporation. He holds degrees in Economics and Business from University College Dublin, an MBA from Wharton and a Doctorate in Business Administration from Harvard



## Rory Harding

Executive Director & Interim CEO

Rory is an emerging markets professional with experience in energy, mining and investment banking. He is an advisor to London merchant bank and natural resources boutique, Strand Hanson, where he previously ran West African and Caribbean representative offices. Rory has co-founded and originated assets for publicly listed mining companies, most recently Electrum Discovery Corp (TSXV:ELY), recipient of the 2025 BHP Xplor award. Rory is a Non-executive Director at Botswana Minerals PLC (LSE:BMIN) and a director of a number of private mining and energy companies. He previously worked in trading and business development for international energy trading houses. He holds a BSc in Biochemistry from the University of Exeter



## Jim Finn

Financial Director & Company Secretary

Jim has over 40 years' experience in working with exploration companies and has extensive experience in the administration of both oil and gas and minerals companies. He has been responsible for listing several resource sector companies on AIM in London, including two of the first companies ever listed on AIM; Pan Andean Resources and African Gold. He was previously Finance Director of African Diamonds during the discovery phase of the AK6 kimberlite. He holds a degree in Management and an Association of Chartered Certified Accountants (ACCA) qualification



## David Cockbill

Non-Executive Director

David is an experienced corporate financier and public capital markets executive. He studied accountancy at Manchester University before commencing a 35-year career in the City of London with various leading investment banks such as HSBC and Société Générale, including periods with ING and Dresdner as a proprietary trader. David has been a Financial Conduct Authority (FCA) regulated person since 2021 focusing on opportunities within the micro-cap sector and raising capital for public companies in the natural resources and technology sectors



## Robin Birchall

Non-Executive Director

Robin has more than 25 years' experience in the financing and management of resource companies and is currently CEO of African copper explorer Oscillate PLC. Prior to this he had numerous leadership roles including Chairman of Evolution Energy Minerals, Non-Executive Director of Helium One Global, Chairman of Awalé Resources, CEO of Giyani Metals Corp and Chairman of Silver Bear Resources. Robin previously worked in Investment & Corporate Banking with BMO Capital Markets, where he completed a variety of high-profile transactions for resource companies



# Advisory & Exploration Team

## Board Advisers



### Mark Burnett

Strategic Adviser & Board Observer

Mark Burnett is a mining investment specialist with over a decade of experience in capital markets, corporate finance, and strategic advisory. He is the Director of Mining Investments at RAB Capital, one of London's leading specialist mining investors, where he evaluates and manages investments across the extractive industries. Mark is currently Executive Director of London-listed Strategic Minerals PLC and Non-Executive Director of Guardian Metal Resources PLC. His capital markets network and deal origination capabilities are a significant asset to Arkle as the Company scales its operations across multiple jurisdictions. Mark's role as Strategic Adviser encompasses investor relations strategy, capital raising, corporate development, and M&A screening. He holds an MPhil from the University of Oxford and was an Officer in the British Armed Forces



### Chris Healey

Chief Geologist

Chris Healey is a licensed professional geologist with over 50 years' experience in the natural resources industry, spanning exploration through to production across base metals and uranium. Healey began his career with INCO (now Vale), where he gained foundational experience in base metals exploration including zinc. He subsequently spent over 20 years with Cameco Corporation, the world's largest uranium producer, where he was head of U.S. operations and was responsible for the acquisition and evaluation of major uranium properties including the discovery of Cigar Lake and McArthur River – two of the world's highest-grade uranium deposits. He has also held senior leadership and board positions with numerous public mining companies including Titan Uranium Inc (TSX-V), UEC (NYSE), and Noble Plains Uranium Corp (TSX-V). He holds a BSc in Geology from the University of Wales, Swansea

## Namibian Operations Management



### Aron Haludilu

Namibia Director & Country Manager

Aron has over 15 years experience across the financial services and natural resources industry in Namibia. He is a Director of Maravilla Oil & Gas, the partner to Chevron E&P in Block 82 offshore Namibia and the partner to Total Energies & Petrobras in Block 2613 offshore Namibia. Aron also acts as the Country Manager of Stamper Oil & Gas (TSXV:STMP). He formerly worked at FirstRand Bank Namibia with roles in tax compliance and strategy, prior to which he was a Broker and Director of Lavoro Insurance



### Willem Kotze

Namibia Exploration Manager

Willem is a seasoned geoscientist with over 40 years of uranium exploration experience in Namibia. During his career, he has worked on several major Namibian projects including Langer Heinrich and Rössing mines. He has consulted for many successful uranium companies including Bannerman Resources and Forsys, delivering JORC compliant resource evaluations and managing exploration strategies

# Uranium Assets in Namibia

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# Highlights



## Exclusive Prospecting Licences

Four 85%-held EPLs covering 540 km<sup>2</sup> in the Erongo uranium belt, one of Africa's most prolific uranium districts



## Proximity to Major Deposits

EPLs are directly adjacent to three major uranium projects: the Rössing mine (9th largest globally), Trekkopje (Orano) and Marenica (Elevate Uranium)



## Sampling Results

2025 exploration identified significant uranium anomalies across all four licences with surficial, easy-to-explore targets and grades up to 3,855 ppm U<sub>3</sub>O<sub>8</sub>



## Industry Recognition

Namibia is a recognised tier-one uranium jurisdiction and the world's third largest uranium producer



## Team Experience

Our technical team has experience at Rössing, Langer Heinrich, Forsys and Cameco



# Building a New Uranium Explorer for the London Market

Arkle is positioned to become one of London's premier uranium explorers at the beginning of a sustained global nuclear expansion cycle

- There are only a small number of London-listed companies (e.g., Kazatomprom, Neo Energy Metals, Power Metal Resources and Yellowcake) focussed on uranium versus approximately 40 listed companies in Australia and 58 in Canada
- Of the few uranium-exposed companies listed in London, they represent primary production and development plays (rather than exploration), portfolio interests or in the case of Yellowcake, a focus solely on the purchase of physical  $U_3O_8$  for investors spot market price exposure
- Arkle seeks to become one of London's premier uranium explorers offering diversified exposure within some of Africa's key uranium belts (Namibia, Botswana, Zambia) alongside some of the world's largest producers. In addition, the Company retains a portfolio of prospective exploration assets in Ireland and Botswana

## Namibia: A World-Class Uranium Mining Jurisdiction

### Leading Uranium Supplier

Recognised tier-one supplier to global utilities and the world's third largest uranium producer

### Established Mining Infrastructure

Excellent infrastructure to support mining operations, including desalination plants, abundant good quality gravel roads and close-proximity to Namibia's main deepwater port at Walvis Bay

### Secure Mining Jurisdiction

Transparent mining code with secure rule of law and strong Government and community support for uranium

### Skilled Local Workforce

Experienced local workforce with direct uranium mining and processing expertise

### Strong Government Support

Highly supportive and stable government with strong community support for uranium mining



# The Uranium Renaissance Gathers Pace

The beginning of a sustained global nuclear expansion cycle is underway

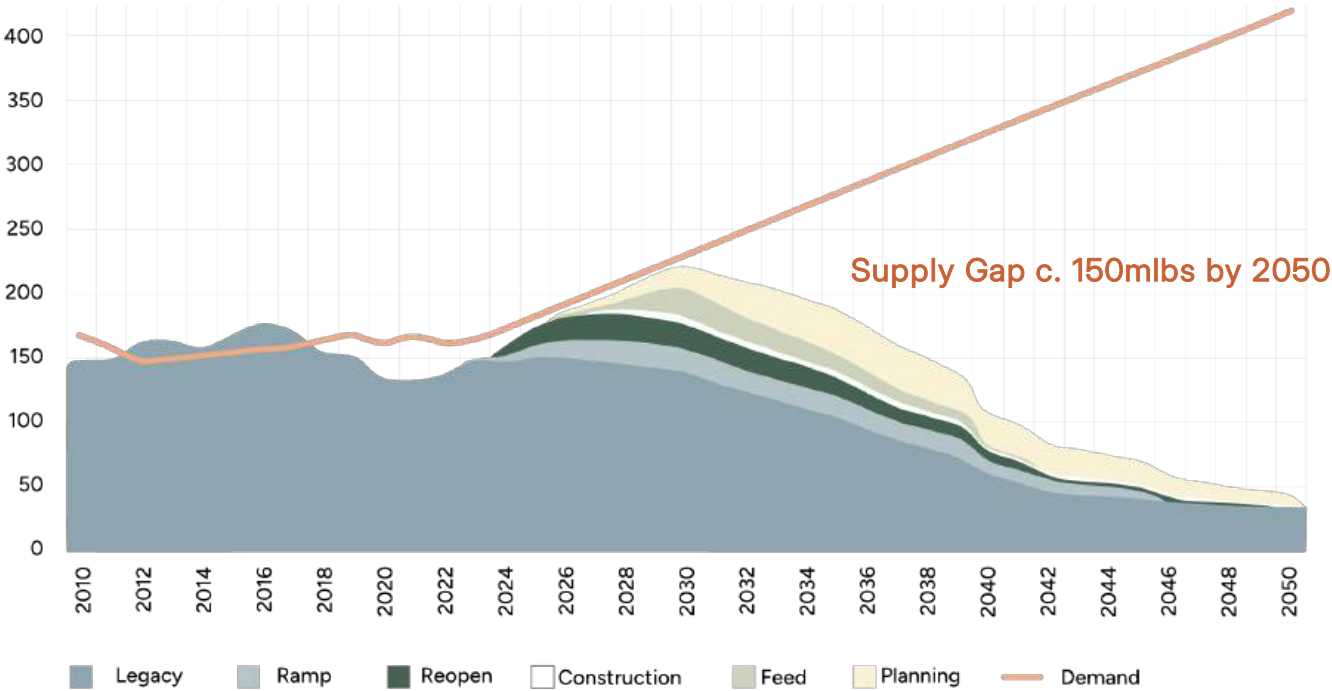
The uranium market is in a multi-year structural upcycle, driven by renewed global interest in nuclear energy as a reliable, low-carbon baseload power source

Years of underinvestment, mine closures and falling production from name-plate capacities have constrained primary supply just as utilities are returning to long-term contracting

The World Nuclear Association has identified a major supply gap of c. **150mlbs** U<sub>3</sub>O<sub>8</sub> by 2050 if there is not significant investment in new supply

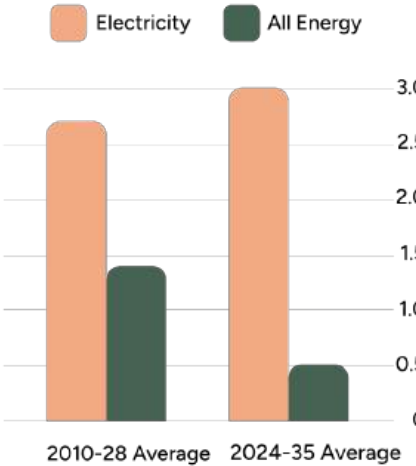
Drivers include energy security concerns, the exponential rise of power-hungry AI and data centres, emerging technologies like small modular reactors (SMRs), and commitments from governments and technology companies to expand nuclear capacity

The U<sub>3</sub>O<sub>8</sub> price has started to respond positively as the supply/demand imbalance has become more widely recognised, breaking a psychological barrier of US\$100/lb. The structural fundamentals of rising reactor commitments, accelerating power demand from AI infrastructure, and slow supply response support a constructive medium-term price outlook



Source: World Nuclear Association, Nuclear Fuel Report 2023 – 2040

Annual Demand %, increase on a year earlier



# Key Market Drivers

**Structural global forces are accelerating long-term uranium demand while supply remains constrained**

## Surging Electricity Demand

- Rapid expansion in digital infrastructure, AI and data centres driving unprecedented demand
- Widespread electrification of transport, heating and rising industrial production
- Increased cooling demand from more frequent global heatwaves

## Decarbonisation

- Uranium is the primary fuel for nuclear power – large-scale, reliable, low-carbon electricity
- Nuclear energy indispensable to reducing greenhouse gas emissions globally
- Essential to the push toward net-zero targets by 2050 and beyond

## Geopolitics & Energy Security

- Russia-Ukraine war exposed Western dependency on Russian nuclear fuel
- U.S. and Europe committed to major investment in nuclear energy security
- 33 countries aim to triple nuclear capacity by 2050, driving reactor extensions and new builds

## Small Modular Reactors

- Faster, more flexible and scalable deployment vs. traditional large reactors
- Potential for mass production and widespread rollout – potentially adding hundreds of GW
- Creates a significant new layer of sustained uranium demand beyond conventional forecasts

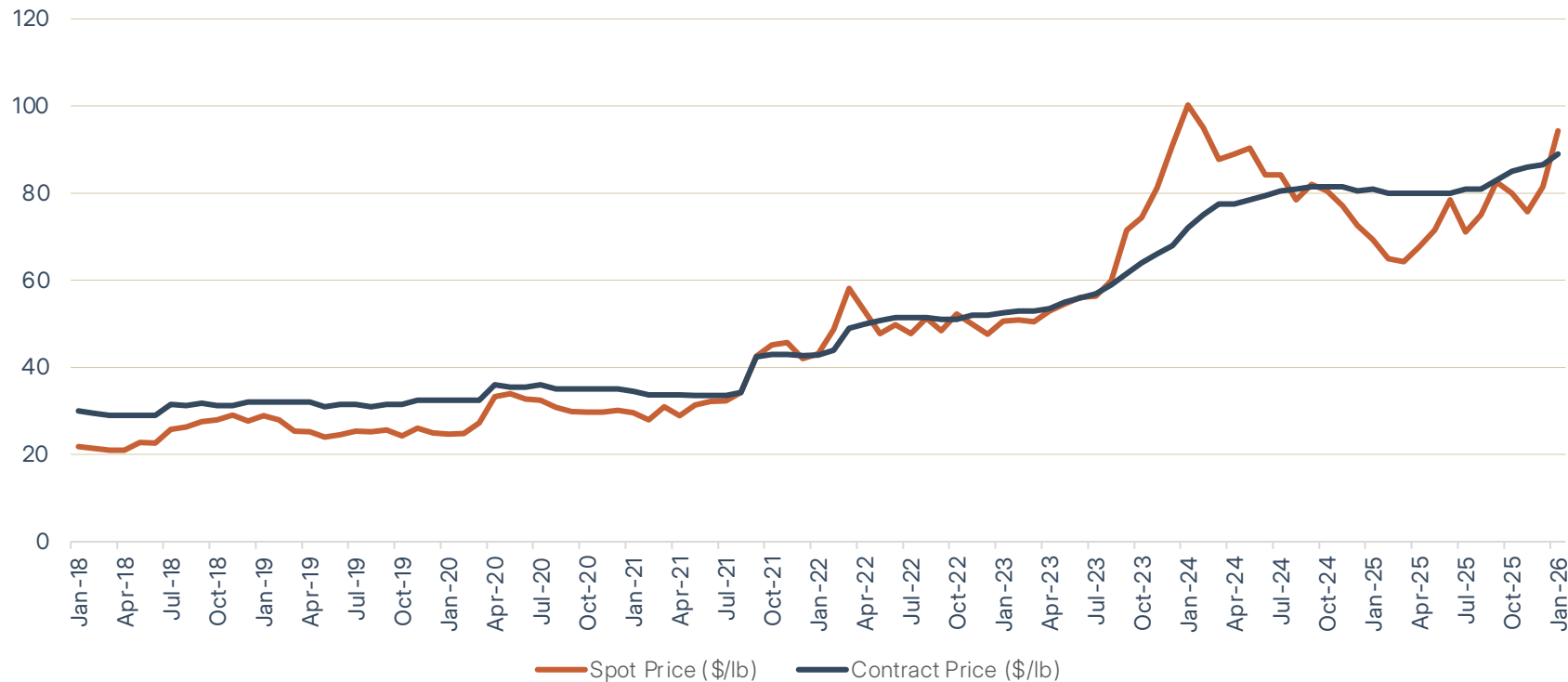
## Supply Constraints

- Years of underinvestment, project delays and sanctions constrain primary supply
- Secondary supply largely eroded – US, European and Japanese utilities have drawn down stockpiles
- China and India strategically stockpiling; Yellow Cake and Sprott acquired >70 Mlbs since 2018



# A Bullish Outlook for Uranium Prices

Supply/demand picture supports a bullish price outlook for uranium which makes up a small proportion of the overall cost for nuclear power; Utilities' concern is less about price and more about availability of nuclear fuel



Analysts are largely bullish for 2026 and beyond, with expectations of continued price strength (potentially stabilising around \$100+ per pound or higher) due to tightening fundamentals

Spot prices could test recent highs, while long-term contracts reflect utility urgency to secure supply

The Company views uranium as entering a multi-year upcycle, with potential for significant upside in related equities and physical holdings

"We've never seen tailwinds quite like this," **Grant Isaac, CFO of Uranium mining major Cameco**, told the FT. "There is no doubt that there is growing demand for uranium."

"We see increasingly that Kazakh material will flow to China and Russia and less of it will go West," which posed an issue for western utilities", **said Andre Liebenberg, CEO of London-listed uranium vehicle Yellow Cake**. "We could easily see a supply crunch in the medium term just because of the lack of new projects that can come on stream quickly."



# Namibia – A Well-Established Uranium Producer

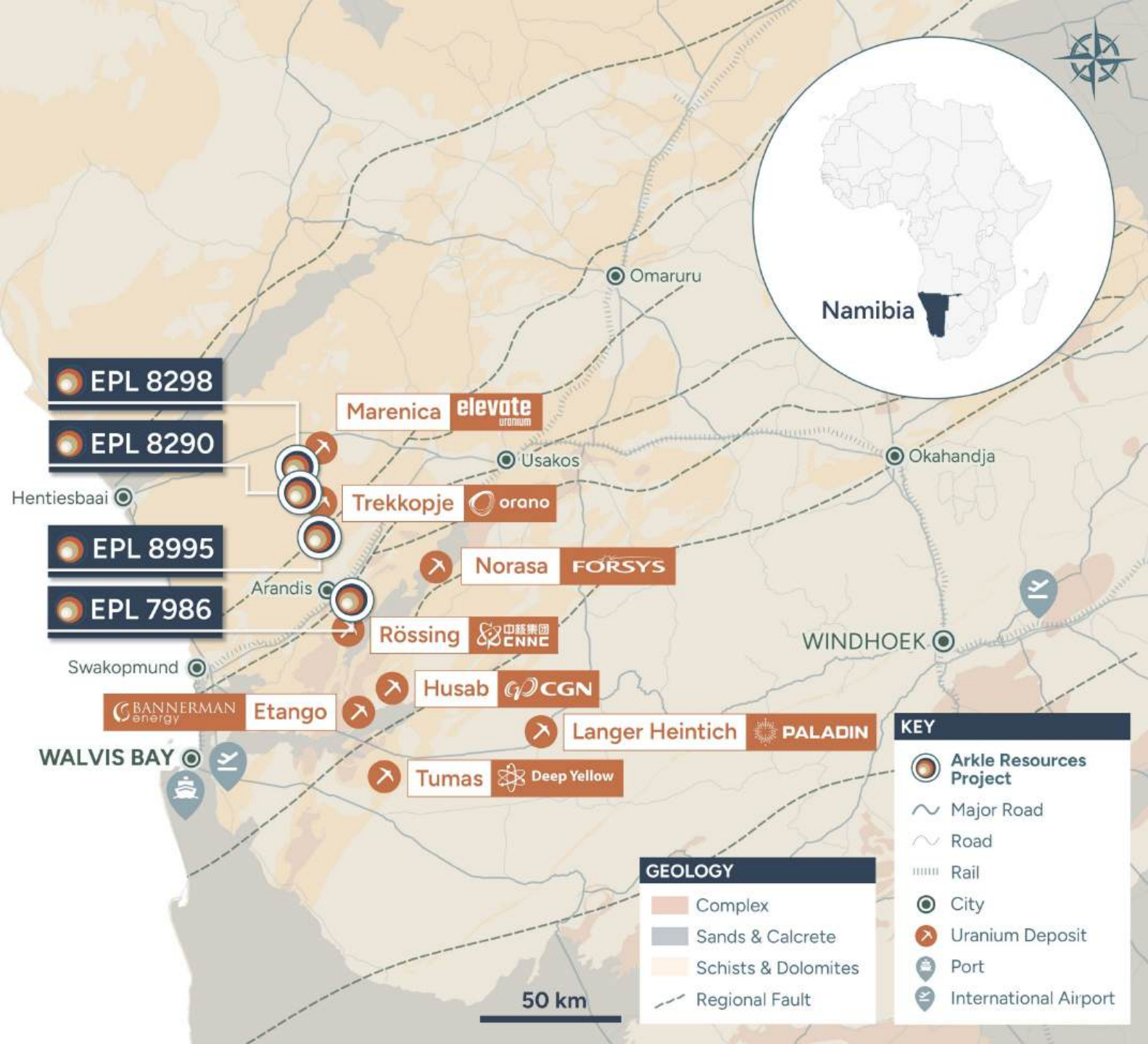
- Recognised tier-one supplier to global utilities and the world's third largest uranium producer
- Over the last 45 years the Erongo Region of Namibia has produced > 350Mlb of  $U_3O_8$ . This standout uranium region contains ~1.5Blb in Measured and Indicated Resources and ~235Mlb in Inferred Resources. The resources occur within a north-south corridor which is approximately 200km long and 65km wide
- Highly supportive and stable government – a close ally of the U.S which has just consolidated its regional presence into a major new \$300m embassy in Windhoek
- Experienced local work force with uranium expertise
- Excellent infrastructure to support mining operations, including desalination plants, abundant good quality gravel roads and close-proximity to Namibia's main deepwater port at Walvis Bay
- Transparent mining code with secure rule of law and strong Government & Community support for uranium

| Mine                             | Country | Resource                  | Ownership                                                               |
|----------------------------------|---------|---------------------------|-------------------------------------------------------------------------|
| Marenica (Elevate Uranium)       | Namibia | 100Mt@183ppm $U_3O_8$     | ASX Mkt Cap A\$149.1 Mn (as of 11/03/26)                                |
| Rossing (CNUC)                   | Namibia | 23.8Mt @ 330ppm $U_3O_8$  | CNNC/CNUC – operational since 1976 @ 10Mlb pa design                    |
| Husab (CGN)                      | Namibia | 300Mt @ 518ppm $U_3O_8$   | CGN - operational since 2016 @ 15Mlb pa                                 |
| Langer Heinrich (Paladin Energy) | Namibia | 85Mt @ 448ppm $U_3O_8$    | ASX Mkt Cap A\$5.6 Bn (as of 11/03/26) operational since 2007 @ 5Mlb pa |
| Etango (Bannerman)               | Namibia | 429Mt @ 225ppm $U_3O_8$   | ASX Mkt Cap A\$855. 6 Mn (as of 11/03/26)                               |
| Trekkopje (Orano)                | Namibia | 340Mt @ 140ppm $U_3O_8$   | Orano (French gov) - purchased for \$2.5bln; restart under evaluation   |
| Norasa (Forsys Metals)           | Namibia | 152Mt @ 136ppm $U_3O_8$   | TSE Mkt Cap C\$93 Mn( as of 11/03/26)                                   |
| Tumas (Deep Yellow)              | Namibia | 210 Mt @ 255 ppm $U_3O_8$ | ASX Mkt Cap A\$1.9 Bn (as of 11/03/26)                                  |



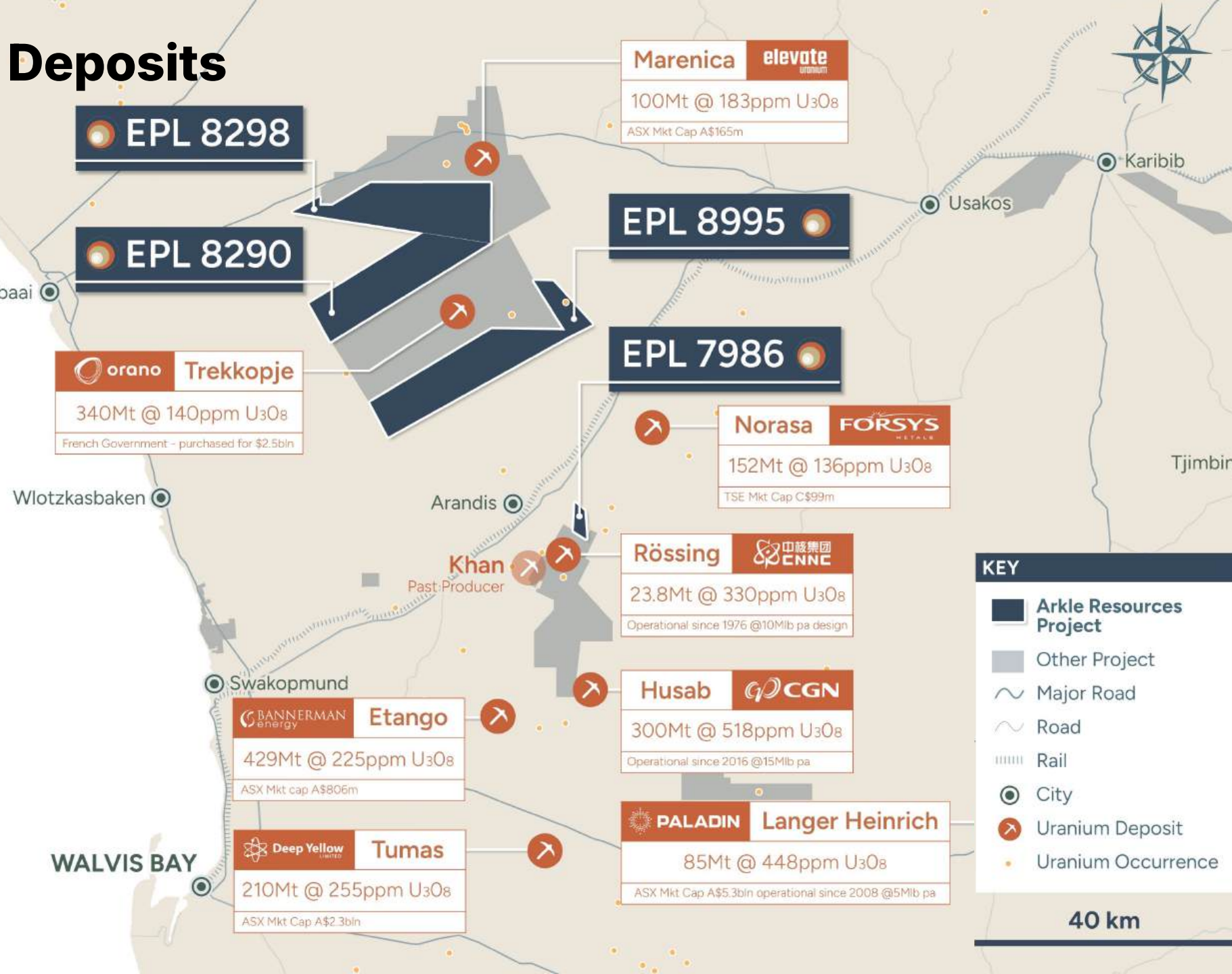
# Prospecting Licences

- Arkle Resources holds an 85% interest in four Exclusive Prospecting Licenses (EPL) in the Erongo Region of Namibia
- 540km<sup>2</sup> of highly prospective ground, all adjacent to or very close to major uranium resources and mines
- Recent processing and interpretation of regional airborne radiometric data identified significant uranium anomalies on all four EPLs, which have been sampled in 2025 confirming Uranium at surface up to 3,855 ppm U<sub>3</sub>O<sub>8</sub>
- All EPLs are proximal to, and along strike from, Namibia's largest operating uranium mine (Rössing Mine), as well as one of the largest past-producing mines (Langer Heinrich)
- Arkle's EPLs have analogous geology to both the Rossing and Langer Heinrich mines



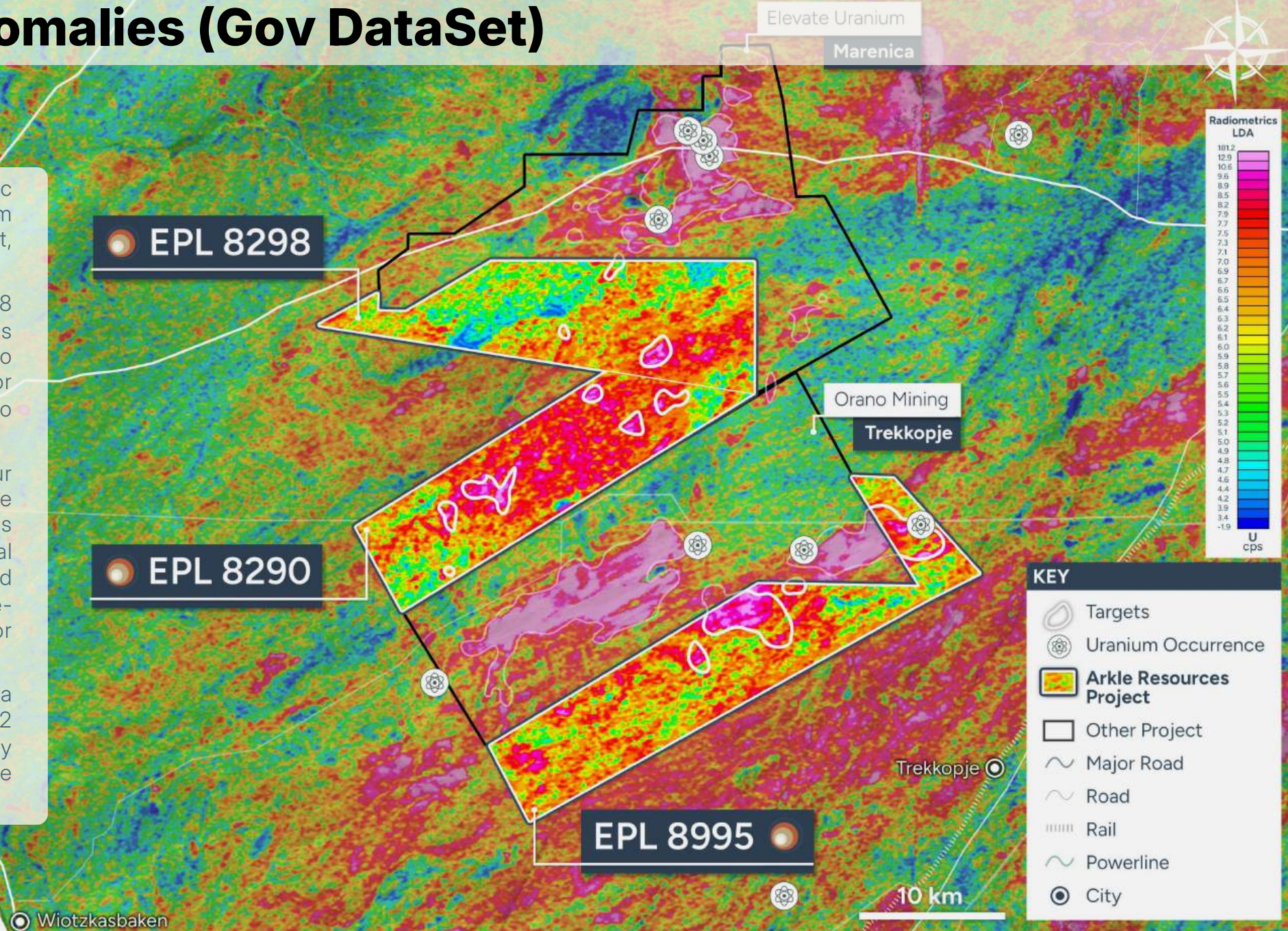
# Proximity to Large Deposits

- The four EPLs are situated in prime acreage in one of Africa's key uranium belts
- This standout uranium region contains ~1.2Blb in Measured and Indicated Resources and ~235Mlb in Inferred Resources. The region has produced > 350Mlb of  $U_3O_8$  in the last 45 years
- EPLs 8995 and 8290 are contiguous to the Trekkopje deposit, one of the most significant calcrete-hosted uranium deposits globally, currently under assessment by Orano for start-up
- EPL 8298 is contiguous to the Marenica deposit where a doubling of their resource grade was confirmed in 2026
- EPL 7986 is contiguous to the Rössing uranium mine, one of the world's largest alaskite-hosted uranium deposits, which started production in 1976 and is still producing over 6 Mlb p.a  $U_3O_8$



# Radiometric Anomalies (Gov DataSet)

- In 2024, multiple radiometric anomalies were identified from the countrywide 200m-line-dataset, across all EPLs
- A 2025 sampling programme (178 samples) over these anomalies showed grab samples assaying up to 3,855 ppm  $U_3O_8$  with potential for Alaskite-hosted deposits also identified on the property
- Arkle recently contracted Xcalibur Smart Mapping, a leader in the airborne and mapping geophysics industry to undertake a substantial airborne survey (radiometrics and magnetics) of more than 12,000 line-kms at 50m-line-spacing for extensive target generation
- Interpretations of geophysical data from surveys are expected in Q2 2026 and will be followed by mapping and sampling for the generation of drill targets



# 2025 Sampling Campaign

**EPL**

8995 and 8290

**Mineralisation**

Calcretes

**Uranium values (ppm  $U_3O_8$ )**

Up to 2,782

Mean: 238 (55 samples)

**Comments**

Sampling confirmed surficial uranium on all areas surveyed

**EPL**

8995 and 8290

**Mineralisation**

Alaskite (Identified)

**Uranium values (ppm  $U_3O_8$ )**

Up to 3,855

Mean: 197

**Comments**

The field programme yielded strong indications of the presence of basement highs and evidence of alaskite mineralisation surrounding Trekkopje's large paleochannel systems

**EPL**

7986

**Mineralisation**

Alaskite

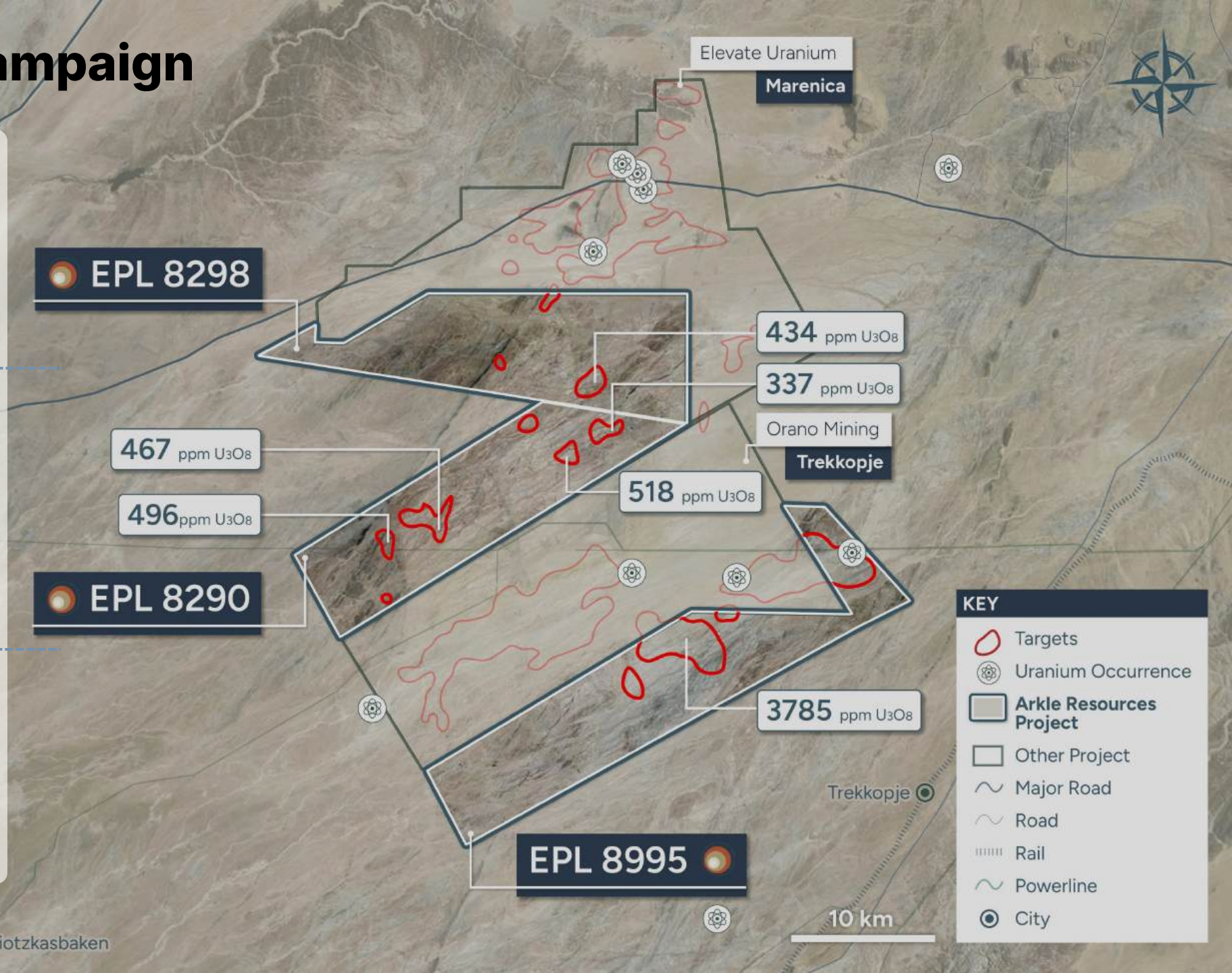
**Uranium values (ppm  $U_3O_8$ )**

500 to 2,923

across multiple samples

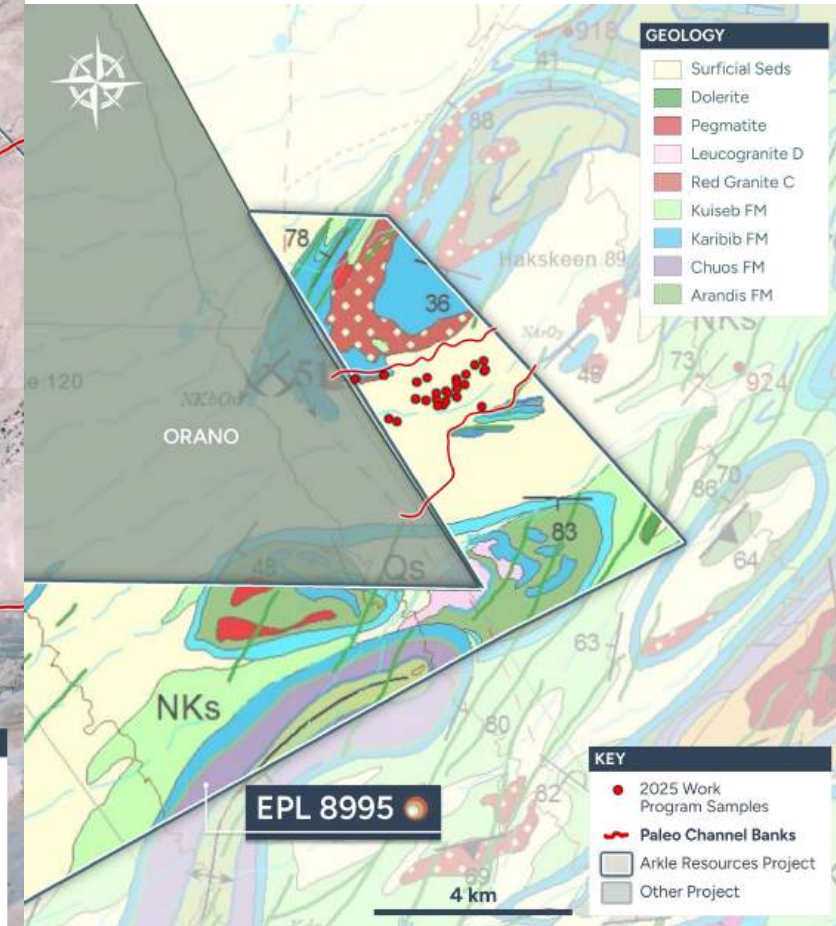
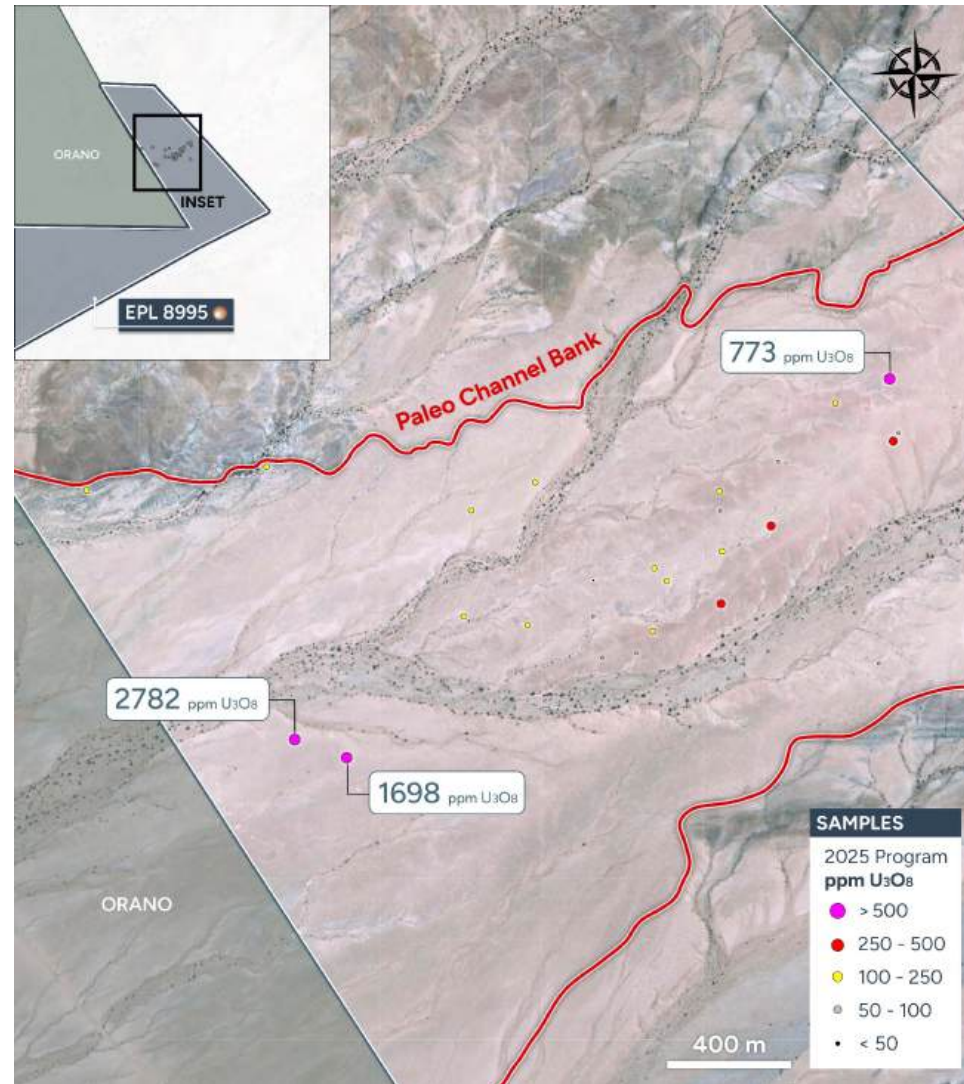
**Comments**

Adjacent to Rössing and located on the same domal structure and mineralisation



# Eastern Paleochannel EPL 8995

- The paleochannel in EPL8995 East was mapped by project geologists during the 2025 work programme and clearly aligns with the geology map, as well as the false-colour satellite images of the same area showing the paleochannel
- There is a portion of the paleochannel southwest of the Orano block that was either not explored or not included in the resource block
- This part of the paleochannel is shown by the mapped paleochannel outline and well as on the ASTER image. This portion, extended into EPL8995, covers a substantial 85 ha



# North Rössing EPL 7986

- Immediately adjacent to the Rössing Mine currently producing 6.4 million lbs  $U_3O_8$  /year (>300 million lbs produced to date)
- In 2022 Rössing produced 5% of the world's uranium (6th largest in world), and was made operational by Rio Tinto from 1976
- The property covers the same geological structure as the Rössing mine (on the margins of a major domal structure)
- Same geological trend as the Husab Mine, with a reported resource of >500 million lbs  $U_3O_8$  and produced >10 M lbs  $U_3O_8$  in 2024
- Multiple uranium anomalies on the property with assays up to 2480ppm from the 2025 sampling program (see inset)
- Target is primary uranium hosted by Alaskitic granite/pegmatite



# Namibia 2026 Exploration Programme

Arkle is fully funded to carry out the following priority work in 2026, which is currently underway:

## Phase 1 (Completed Q1 2026)

- Exploration work concentrated on EPL 8995, EPL 8290 and EPL 8298, includes
  - A four-line horizontal loop electromagnetic survey of potential paleochannels on EPL 8995
  - An airborne radiometric and magnetic survey of all three licences
  - Downhole logging of historical drill holes
  - Analysis ongoing

## Phase 2 (Commencing H2 2026)

- Exploration work will focus on targets developed from Phase 1 and will include
  - Detailed mapping
  - Potential for further geophysical surveys
  - Additional sampling
  - Up to 4,000 metres of RC drilling



# Lithium Assets in Botswana

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# Botswana Lithium Project

## Project Overview

Arkle holds three 100% owned Prospecting Licences across the Makgadikgadi Salt Pans in Botswana, covering approximately 1,612 km<sup>2</sup> in one of Africa's most prospective environments for lithium brine deposits

## Geological Setting

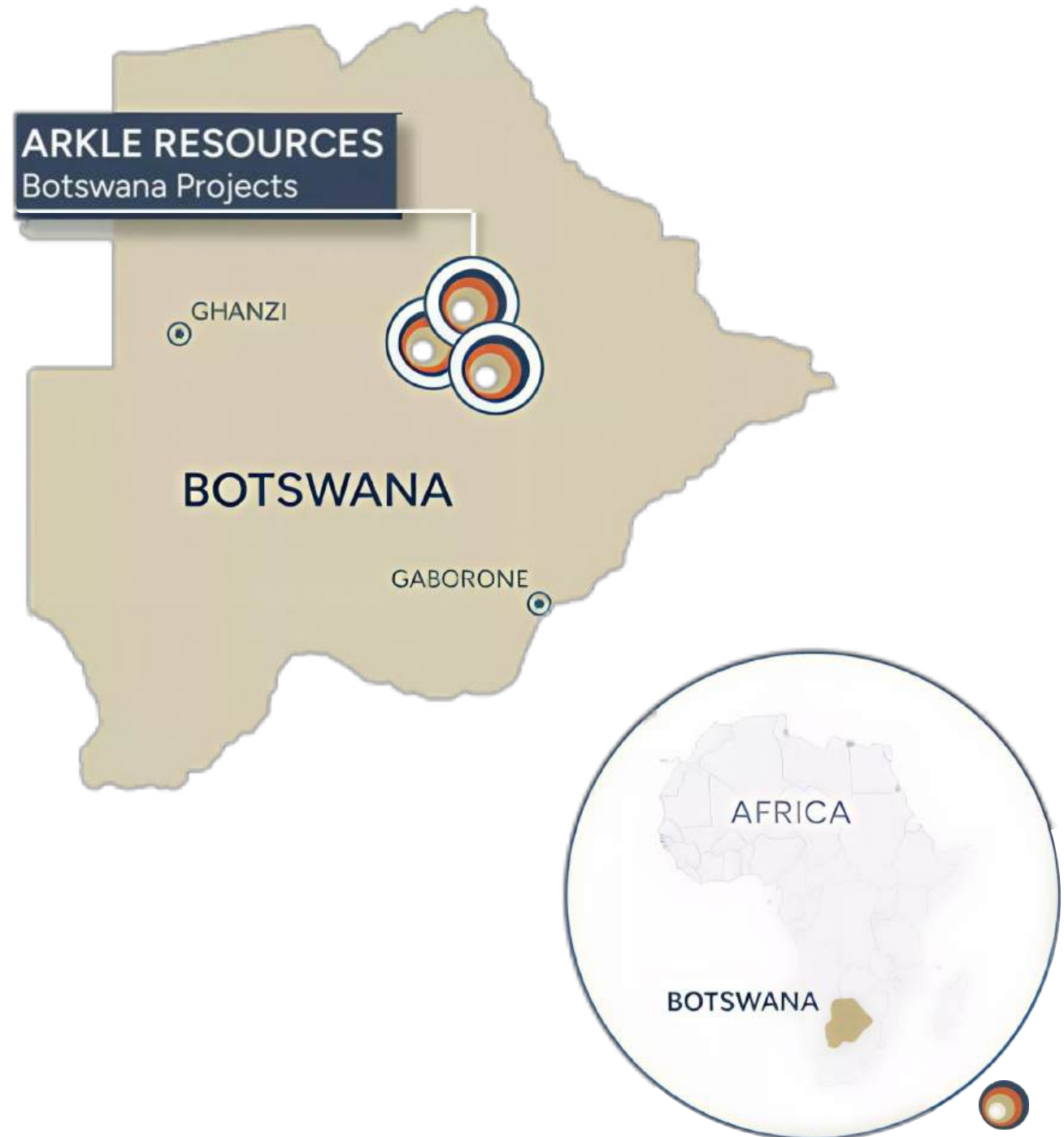
The Makgadikgadi Salt Pans are remnants of ancient Lake Makgadikgadi, with a geological setting analogous to proven lithium brine basins globally and brine-bearing formations at accessible depths

## Exploration Progress

TEMFAST and AMT geophysical surveys confirmed continuous brine-bearing conductive layers, with primary brine zones at 30–60 m depth. Geochemical testing identified elevated lithium and magnesium grades

## Strategic Location & Jurisdiction

Located near Debswana's Orapa mine and Botash Soda Ash Mine with established infrastructure. Botswana is a stable democracy since 1966 with transparent mining regulations and strong rule of law



# A Critical Mineral for Energy Transition

Accelerating battery storage, constrained supply growth, and strategic government investment are expected to support medium-term lithium demand and rebalance the market

## Market Outlook

- **Lithium Market Outlook:** The market is shifting from oversupply toward tightening, with strong demand expected through 2026+ driven by EV and battery electric storage (BESS) growth
- **Importance of Lithium:** Lithium's light weight and high conductivity make it essential for Li-ion batteries (90%+ of demand), positioning it at the centre of the clean energy transition
- **Supply Challenges:** Geographically concentrated supply and slow project development create economic and strategic supply vulnerabilities

## Key Market Drivers

### Rising Global Demand

- Lithium demand is rising rapidly, driven by EVs, BESS, and consumer electronics
- BESS is the fastest-growing segment, with 71% installation growth in 2025 and ~55% forecast in 2026
- Growth is driven by China's grid-scale storage projects, AI data centres, and solar integration
- IRENA projects lithium demand could triple by 2030 vs. 2023, reaching ~2.5–3+ Mtpa LCE
- Grid storage and data-centre power systems are emerging as new demand drivers beyond Evs

### Constrained Supply

- 2023–2025: New mining capacity increased supply faster than demand
- This created a market surplus and downward pressure on lithium prices
- The surplus is now shrinking as demand continues to rise. Analysts expect market tightening by 2026
- The market could shift to a supply deficit as demand outpaces new supply

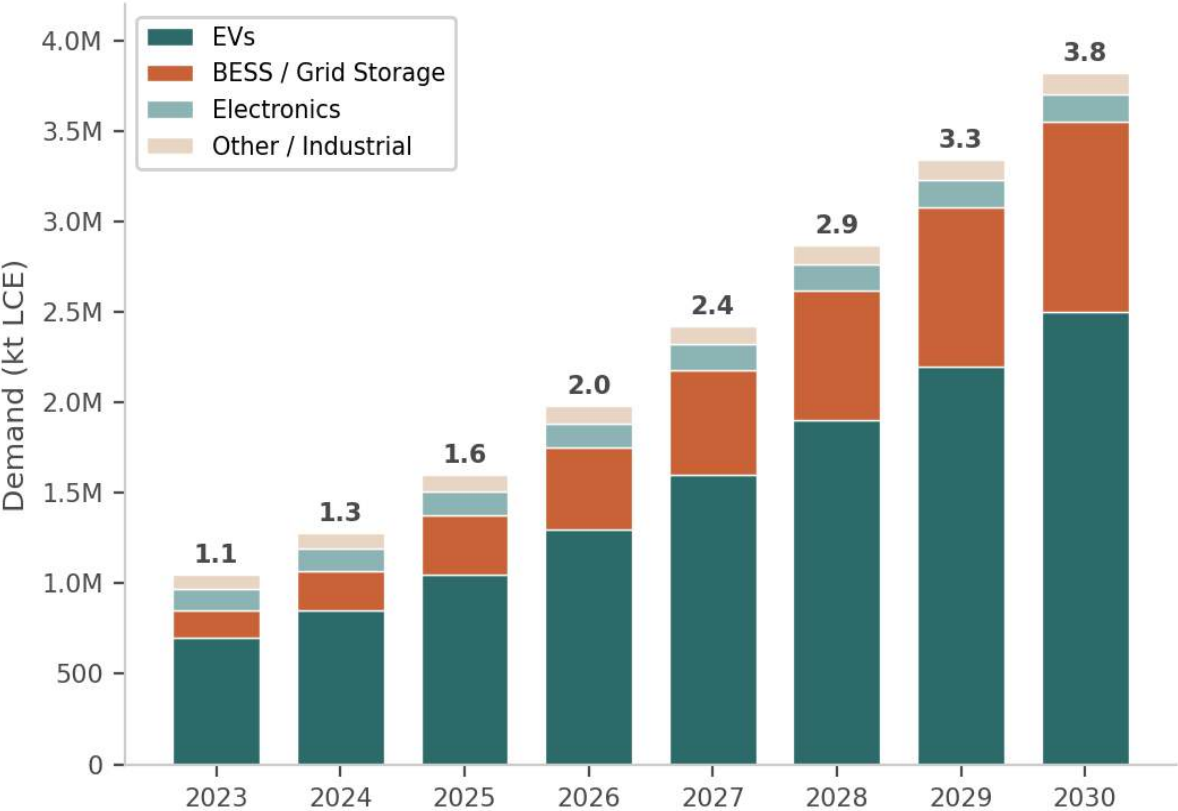
### Geopolitics and Supply Chain Security

- Lithium supply is concentrated in a few countries: Australia, Chile, Argentina, and China
- Processing and refining are dominated by China, creating strategic dependencies
- Decarbonisation and electrification are increasing the importance of secure lithium supply
- This is driving resource nationalism and trade tensions. Countries are pursuing domestic production, strategic alliances, and recycling capacity to secure supply

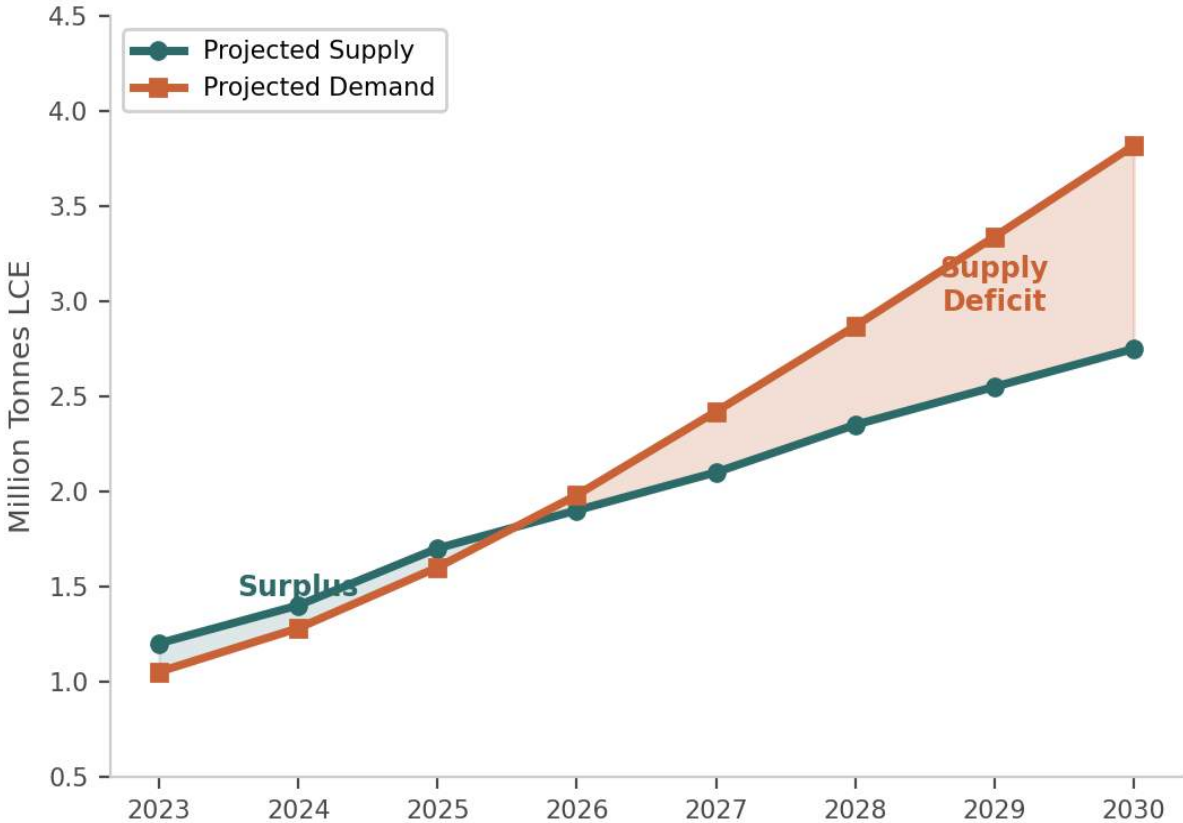


# Lithium Market Outlook

Global Lithium Demand by Sector



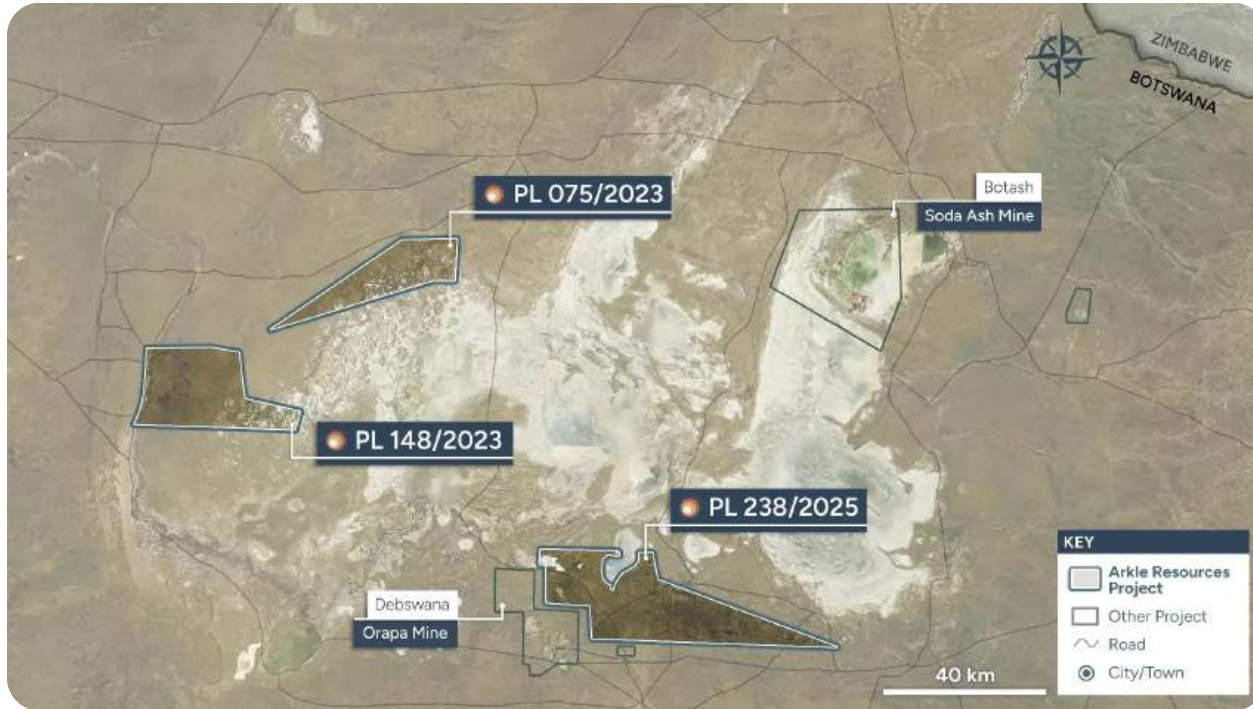
Lithium Supply vs Demand Outlook



Sources: Albemarle, IRENA, IEA, Arcane Research, Fastmarkets. Projections are consensus estimates.



# Exploration Work & Initial Results



## Prospecting Licences

Arkle Resources holds three 100% owned Prospecting Licences (PLs) in the Makgadikgadi Salt Pans covering ~1,612 km<sup>2</sup>

## Established Mining Industry

Located near major operations including Debswana's Orapa Mine and the Botash Soda Ash Mine, highlighting established infrastructure and a proven mineralised basin

## Exploration Programme & Technical Results

### Geophysical Surveys

TEMFAST (Transient Electromagnetic) and AMT (Audio Magnetotelluric) surveys were conducted to identify brine-bearing conductive layers beneath the licences.

Survey coverage included:

- 9.6 km TEMFAST profiles within PL148/2023
- 8.9 km TEMFAST profile within PL075/2023
- AMT lines (~400 m) to confirm conductive layers and identify shallow drilling targets

### Survey Results

- Continuous brine-bearing conductive layers confirmed beneath the licences
- Additional conductive layers identified within the upper ~5 m
- Primary brine zones interpreted at 30–60 m depth
- Additional geophysical surveys in Q4 2025 confirmed brine presence to ~25m depth on PL 1716

### Geochemical Results

Elevated magnesium concentrations identified, potentially recoverable as a secondary product through Direct Lithium Extraction (DLE)

### Exploration & Development Plan

Drilling and exploration are planned to evaluate lithium concentrations in deeper brine layers, with an Environmental Impact Assessment targeted for completion by mid-2026

# Botswana 2026 Work Programme



## Drilling Programme Design

Upon completion of the EIA and receipt of regulatory approvals, the Company intends to design an initial drilling programme including shallow drilling (~30m) to test brine aquifers across priority targets



## Brine Sampling & Hydrogeological Testing

Such a programme would be expected to include the collection of brine samples for laboratory analysis to determine lithium grades, magnesium content and impurity profiles



## Processing Route Evaluation

Further work, subject to the results of the sampling programme, would also evaluate potential processing routes, including the suitability of Direct Lithium Extraction technologies



# Zinc Assets in Ireland

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# Stonepark Project Highlights

## Advanced Exploration Project

An advanced-stage exploration project in County Limerick, Ireland. Ireland is ranked No.1 globally for Policy Perception Index (Fraser Institute)

## Defined Zinc-Lead Resource

Inferred Mineral Resource of 5.1 million tonnes grading 11.3% combined zinc and lead (8.7% Zn, 2.6% Pb) – deposit remains open along and across strike

## Extensive Licence Package

Formed of five contiguous prospecting licences covering an area of 148 km<sup>2</sup>

## Adjacent to Pallas Green Deposit

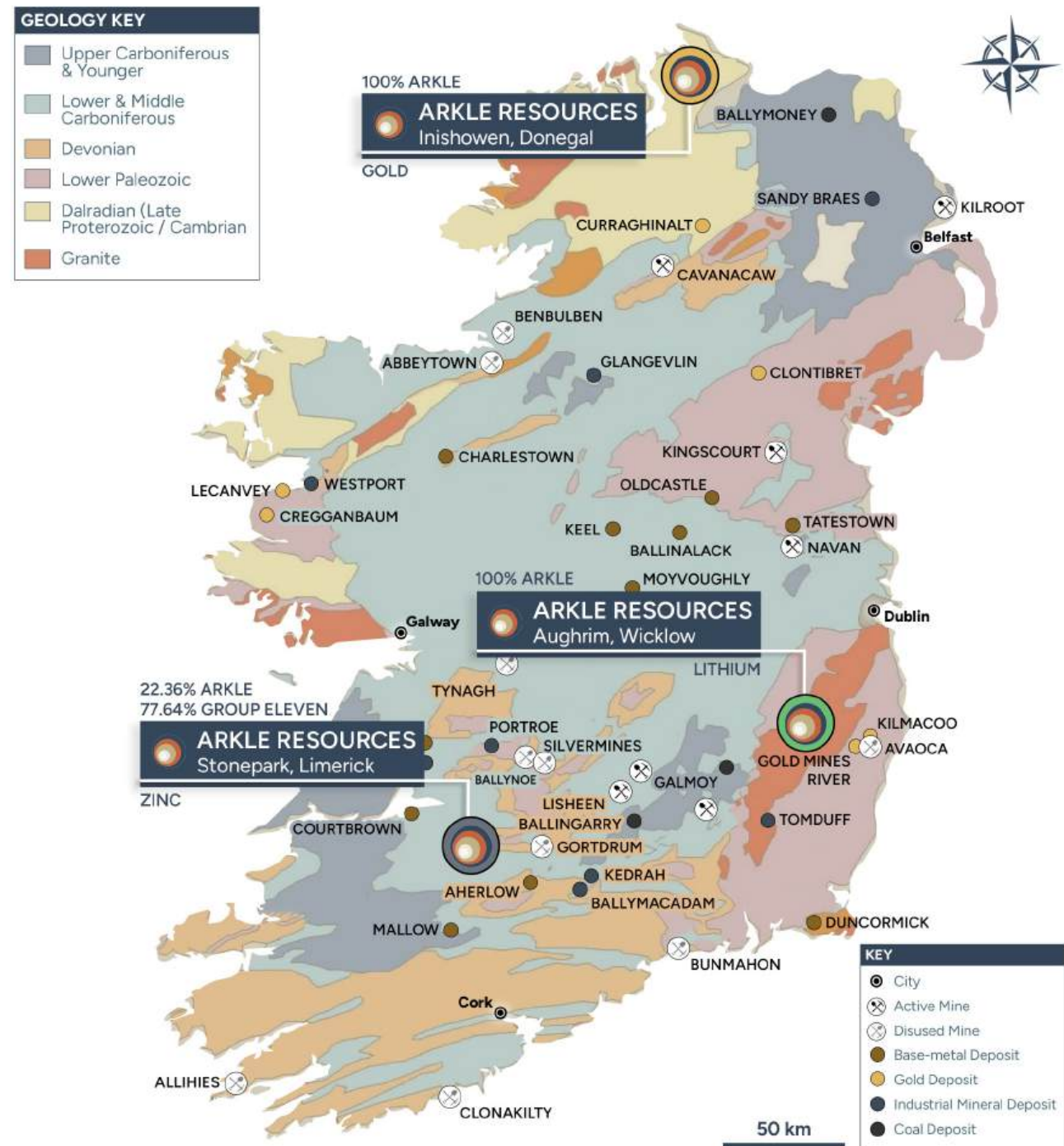
Adjacent to Glencore's Pallas Green zinc project, one of the world's largest undeveloped zinc-lead deposits at 45.4 million tonnes

## High-Grade, Shallow Deposit

Higher grade and shallower (190–395m depth) than the neighbouring Pallas Green deposit (8.4% Zn+Pb)

## Joint Venture Structure

JV: Arkle interest 22.36%: Group Eleven Resources (TSX-V:ZNG) interest 77.64% (Glencore is a shareholder in Group Eleven ~13.6%)



# A Vital Industrial Metal

Zinc is used to galvanise steel, with growing applications in renewable energy and energy storage

## Key Market Drivers

### Construction and Infrastructure

- Galvanised steel is the primary use of zinc
- Demand supported by global infrastructure and construction spending

### Industrial Uses

- Zinc compounds are widely used across industries
- Zinc oxide is used in paints, inks, cosmetics, plastics, pharmaceuticals, and semiconductors

### Energy Metal

- Zinc supports clean energy infrastructure such as wind turbines, solar mounts, transmission towers, and EV infrastructure
- Zinc-air and zinc-ion batteries are emerging as safe, low-cost solutions for long-duration energy storage

### Food Security

- Zinc is used in fertilisers as an essential micronutrient
- Improves crop yields, grain quality, and stress resistance
- Helps enhance food nutrition and address zinc deficiency in diets

### Supply Constraints

- Declining ore grades and few major new discoveries are limiting supply
- Mine closures and ageing operations are reducing production
- Long development timelines, permitting, and capital intensity slow new supply additions
- Supply growth is struggling to keep pace with demand, increasing the risk of market tightness



# A Proven Zinc District

## World-Leading Zinc Discovery Jurisdiction

Ranked number one in the world for zinc discovered per square kilometre

## Major High-Grade Zinc Deposits

Home to some of the world's largest and highest-grade zinc deposits, including Tara (120Mt+ mined since 1977, Europe's largest zinc mine), Lisheen (22.3Mt at 11.7% Zn), and Galmoy (8Mt at 12% Zn)

## Proven Mining Track Record

Six zinc mines permitted and operated over the past 60 years – every major Irish zinc discovery has been profitably mined

## Presence of Global Mining Majors

Majors in-country: Boliden, Glencore, South32

## Stable Mining Framework

Transparent mining code with secure rule of law and strong Government support for mining

## Top Global Policy Ranking

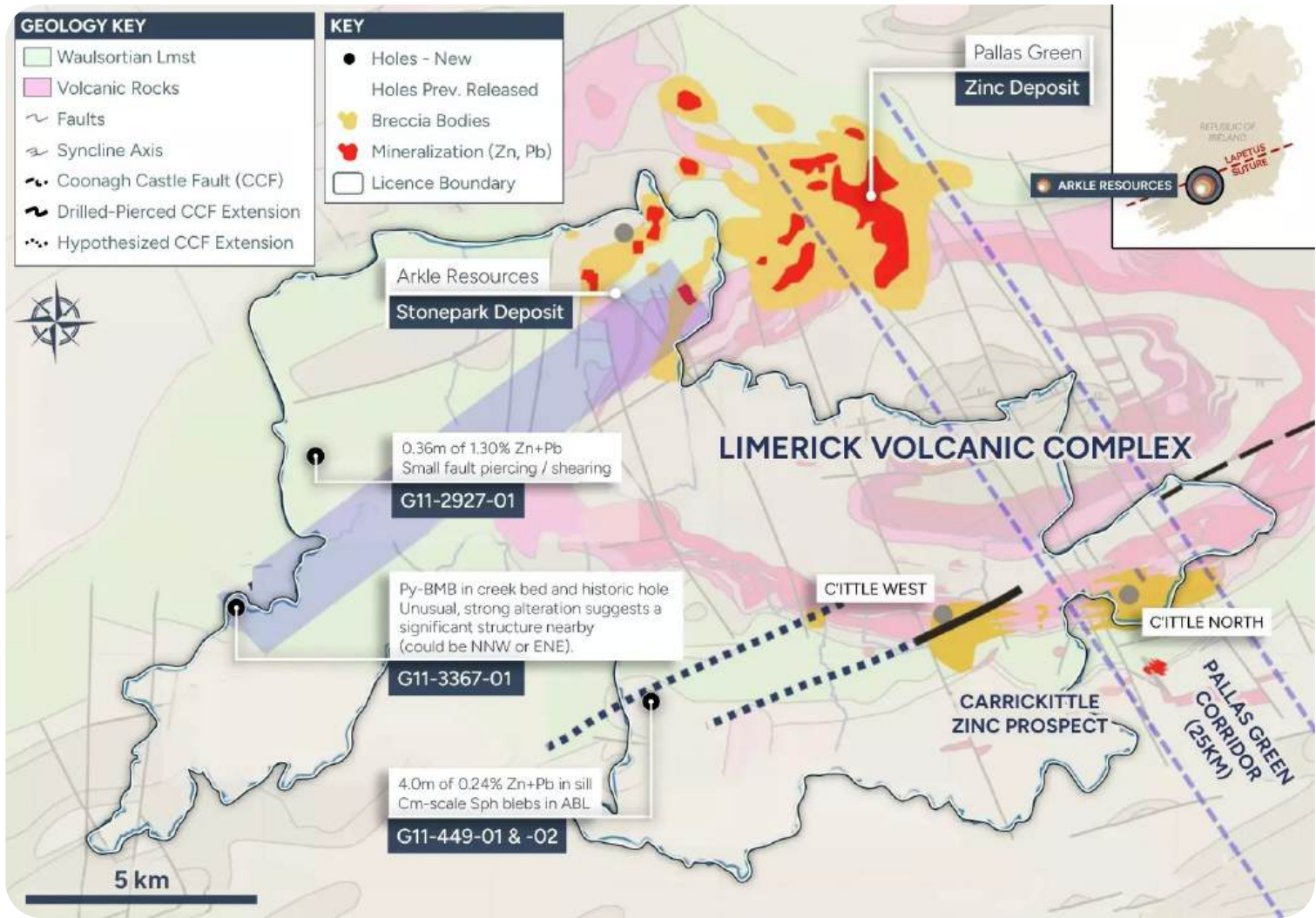
Fraser Institute: Ranked No.1 globally for 'Policy Perception Index'

## Green Zinc Production

Potential for 'green zinc' due to clean metallurgy, proximity to European smelters, and Ireland's major wind power capacity



# Expansion Opportunities



## Nearby High-Grade Discovery

Group Eleven's recent focus has been on nearby exploration at their Ballywire prospect (on a wholly owned Group Eleven licence, southeast of Stonepark) indicating high-grade zinc-lead-silver mineralisation over a 2.6 km trend

## Pallas Green Mirror

The thesis is that the Carrickittle area may host a "mirror image" of the mineralising system that created Glencore's Pallas Green deposit on the opposite side of the Limerick Volcanic Complex

## Top-Tier Exploration Target

The Carrickittle West prospect spans the boundary between the Stonepark and PG West (Group Eleven) licence. Group Eleven's CEO stated in June 2025, he considers this one of the best unexplored drill targets in Ireland

## Major Structural Control Identified

In 2022, drilling at Carrickittle West intersected the first major fault structure directly drilled in the Limerick region – a fault with 150m of vertical displacement and zinc mineralisation on both sides

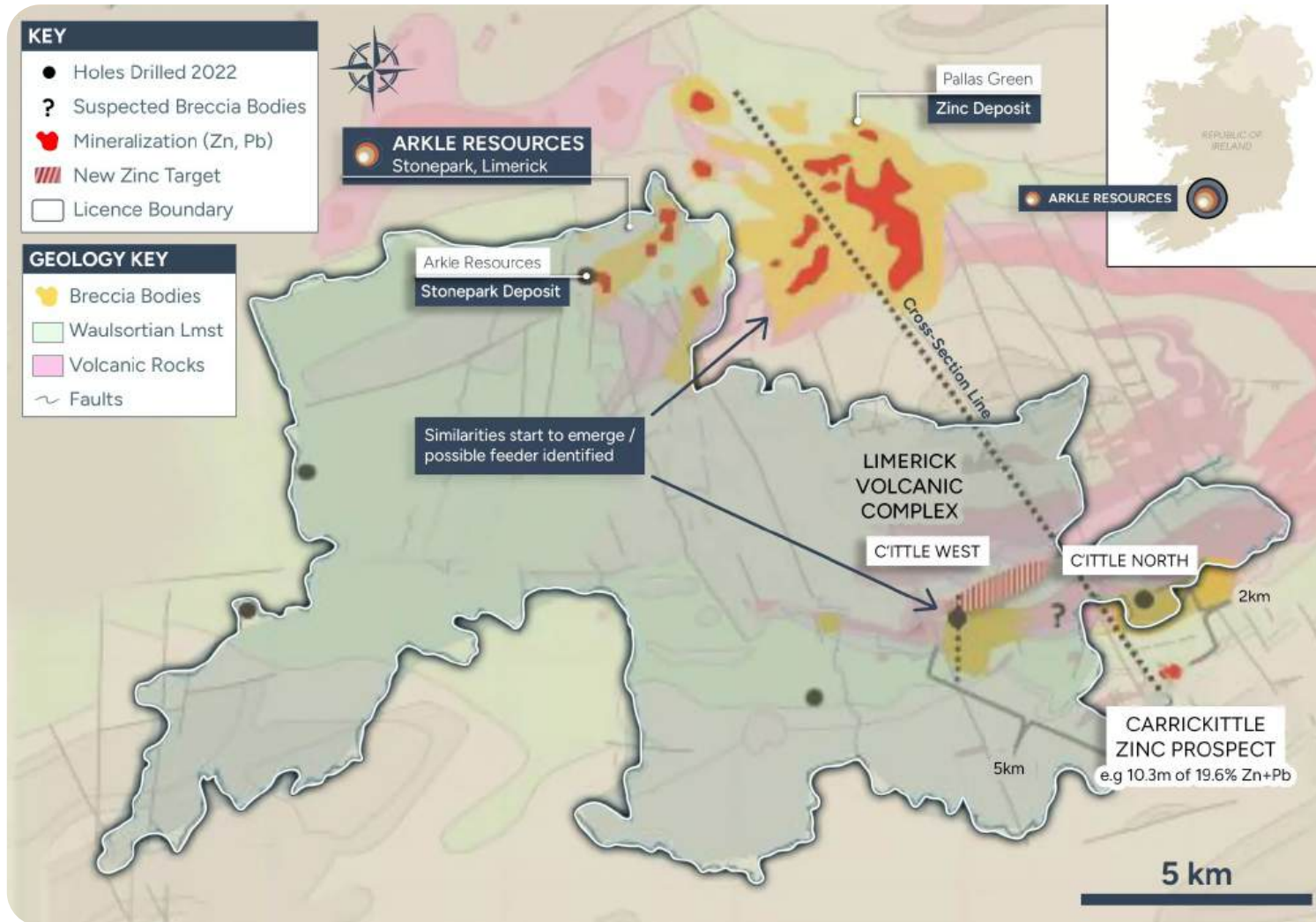
## 2024 Drilling Confirms Prospectivity

Three follow-up holes were drilled on Stonepark ground in late 2024, totalling 1,372m at depths of 350–550m. Results released in 2025 demonstrate close proximity to strong mineralisation.

In March 2026, Group Eleven announced it intends to drill 15,500m at Stonepark which could add considerable value to Arkle's interest



# Carrickittle West



- Previous drill campaign identified first ever drill intercept of a major fault structure in the Limerick region, that is also zinc hosted
- Intercepted a major fault structure at 544m showing a large vertical displacement of 150m
- The major Fault Structure is a new high priority zinc target at depth, on the contact of the limestones
- The most significant target to emerge is the Kiltelly Prospect, a large breccia body spanning at least 1.5 km in strike, displaying the geological hallmarks of major Irish-type zinc systems: brecciation, faulting, hydrothermal fluid flow, and locally elevated zinc
- Group Eleven plans step-out drilling around the known resource at Stonepark as well as a follow-up drill programme on the Carrickittle West prospect (within the Stonepark licence) during 2026



# Appendix

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# Aughrim Lithium Project



## Licence Holdings

Four 100%-held prospecting licences centred on Aughrim, County Wicklow



## Proximity to Leinster Granite

Located proximal to the Leinster Granite, where a large zone of lithium-bearing pegmatites and aplites has been discovered by the International Lithium Corp.–Ganfeng Lithium Co. Ltd joint venture



## 2023 Lithium Discovery

In late 2023, Arkle announced the discovery of lithium-bearing pegmatites on its licences, with one assay from float returning 0.09%  $\text{Li}_2\text{O}$  from the Bunclody area



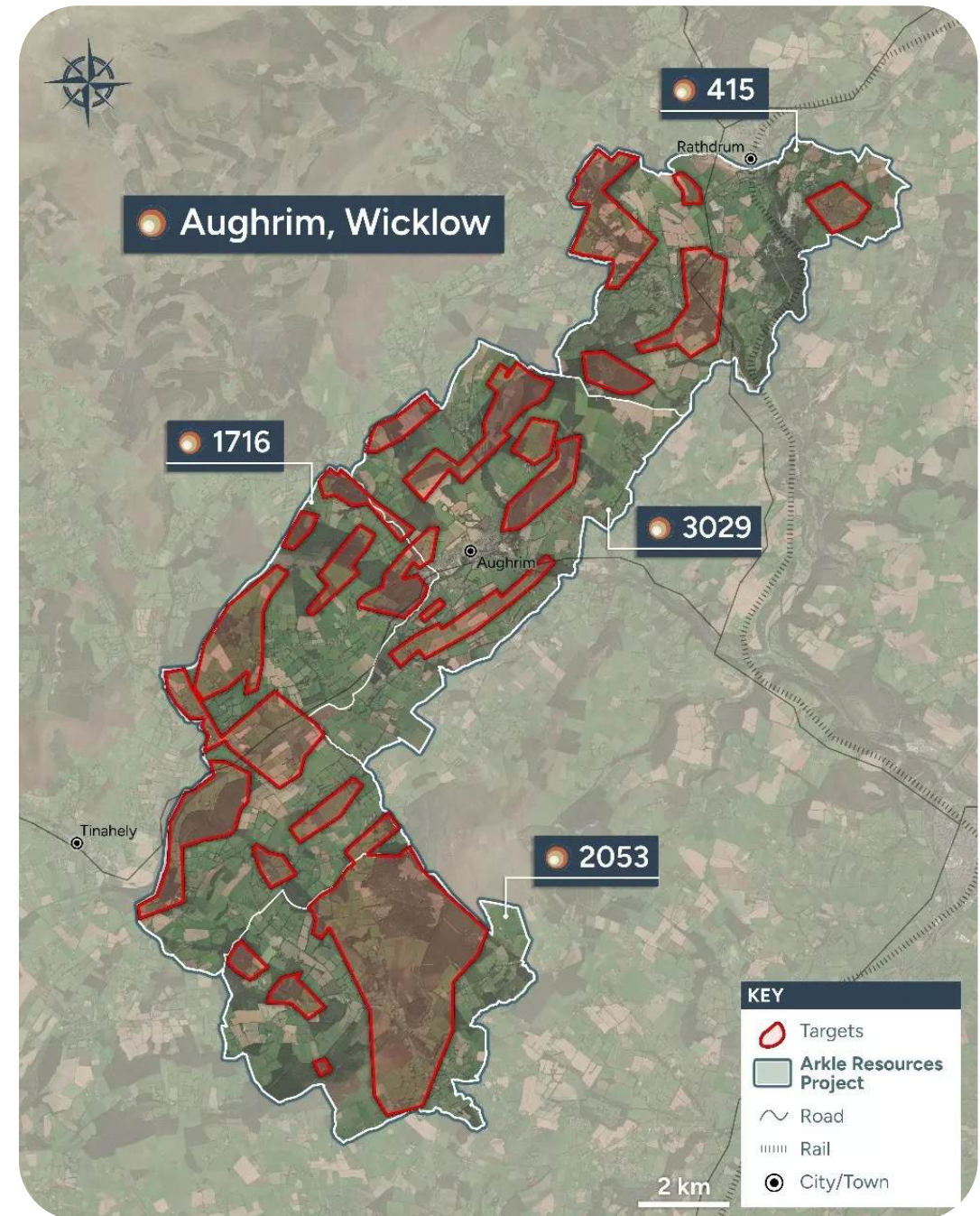
## Multi-Metal Mineralisation

Additional samples returned elevated levels of beryllium, tungsten, tin, and copper, indicating a complex mineralising system



## Potential Tungsten Project

Arkle is assessing the potential of the Aughrim licences as a tungsten project, underpinned by strong market thematics for the metal which is essential for defence and energy transition technologies



# Inishowen Gold Project



## 100% Owned Inishowen Licence

One 100% owned prospecting licence covering approximately 46 km<sup>2</sup> on the Inishowen Peninsula

## Dalradian Gold Geological Setting

It targets high-grade, mesothermal vein-hosted gold within Dalradian geology similar to the nearby Curraghinalt deposit

## Exploration Results

2022 Soil and trench results identified many locations for follow up drill testing

## High-Grade Gold Outcrops

13.1g/t gold in 50cm quartz vein outcrop identifying source of the large boulders found in the adjoining fields

## High-Grade Vein Extension

40.7g/t gold in a 10cm quartz vein 85m along strike from a high grade drillhole

## Drilling Confirms Mineralisation

2023 drilling confirmed the extension of the main vein at the Meeneragh target with 5.48m @ 4.8g/t gold

## Drill Targets & Divestment

New gold veins ready for further drill testing and options are being considered for divestment of Arkle's interest

# Gallery - EPL 8995 & EPL 7986

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# Contact



Rory Harding, CEO

[arkle.ir@vigoconsulting.com](mailto:arkle.ir@vigoconsulting.com)

162 Clontarf Road, Dublin, Ireland

+353 1 833 2833

