



## Opportunities for Aluminium Industry

# ALUMINUM SCRAP RECYCLING PLANT

Feb - 2024



Visit Our Website

WARDIERE.INC

ABOUT

AGENDA

Elevator Pitch

2028



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# INTRODUCTION

The investment opportunity involves a proposed Aluminum Scrap Recycling Plant with a 120 ktpa production capacity, capital investment of SAR 262,500,000, and strong growth potential within the manufacturing sector.

- Strong feasibility study and stakeholder collaboration can result in profitable venture for investors targeting KSA's growing Mining industry.

The Saudi Industrial Development Fund provides loans up to 75% of the capital cost, and the mining investment law aims to diversify the economy from hydrocarbons and attract foreign investment.

Investment opportunities in other sectors: steel, ferroalloys, copper, zinc, fertilizers, maritime, silica, glass, and capital goods.



# OPPORTUNITIES

**Vision 2030:** Transforming the mining and metals industry into the third pillar of the KSA economy, leveraging our abundant mineral resources.

**Strategic Focus:** Building a sustainable and globally competitive downstream industry for semi-finished and finished metals, supporting economic diversification.

**Maximizing Aluminum Production:** Aiming to significantly increase local aluminum production and supply raw materials to downstream aluminum-based industries.



# Vision & Mission



## Company Vision

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## Company Mission

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# Stages In Developing Performance Management



## Understand Company Purpose

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## Design Strategic Performance Management

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## Plan Implementation

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## Supervision Or Monitoring

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## Business Period Evaluation

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# Key Strategies Culture Enhancement



## Leadership Training

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## Communication Initiatives

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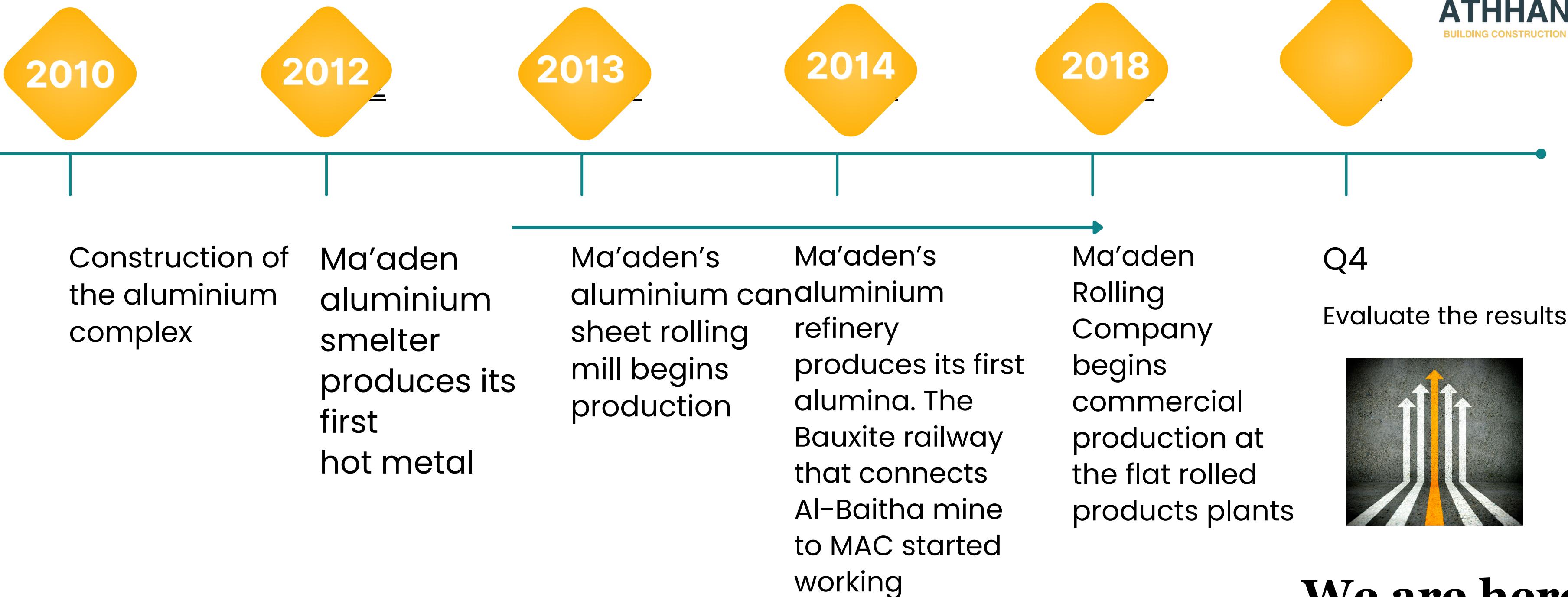
## Acknowledge Challenges

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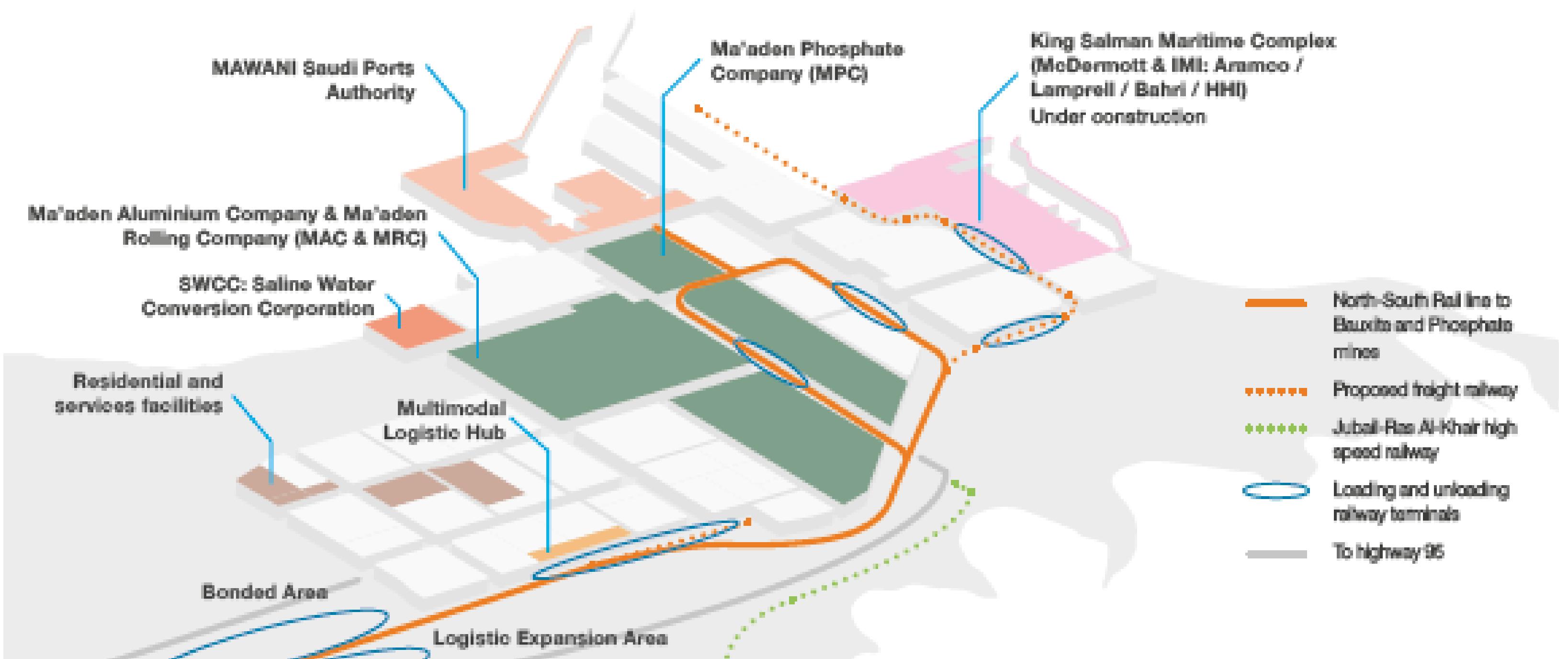
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# Aluminium Industry



# The Denim Outpost

## Investing in a Sustainable Future at Ras Al-Khair City For Mining Industries



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# Propelling forces Key success factors (KSFs)



**Up to 75% of project**

by Saudi Industrial Development  
Fund (SIDF)



**2-year grace period**  
for the repayment of loans



**salaries for Saudi nationals**

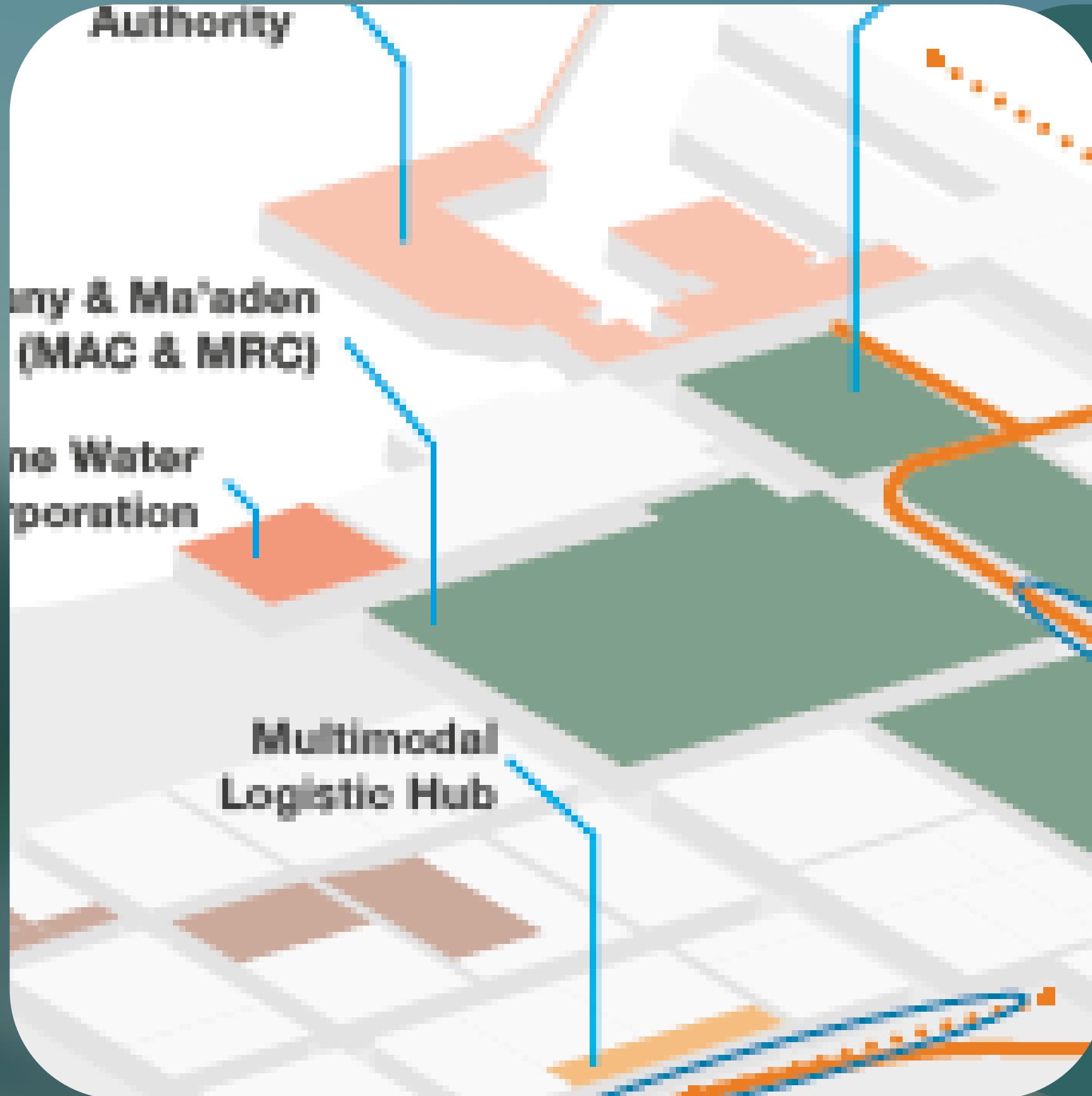
Human Resources Development  
Fund (HRDF) provides 30%, 20%  
and 10% of Saudi nationals' salaries  
for their 1st, 2nd & 3rd years of  
work, respectively

# KEY DEMAND DRIVERS



- 01** National Center for Waste Management was established in April 2019 to regulating and supervising waste management, stimulating investment and quality control
- 02** Over 80% of aluminum scrap generated in the GCC area in 2014 came from UBC (Used Beverage Cans), extrusions and engine scrap
- 03** KSA government's ambitious development plan to diversify economy by prioritizing industrial and manufacturing sectors





## Optimal location for the industrial success:

industrial port

Location:

Size &  
Condition:

has its own port

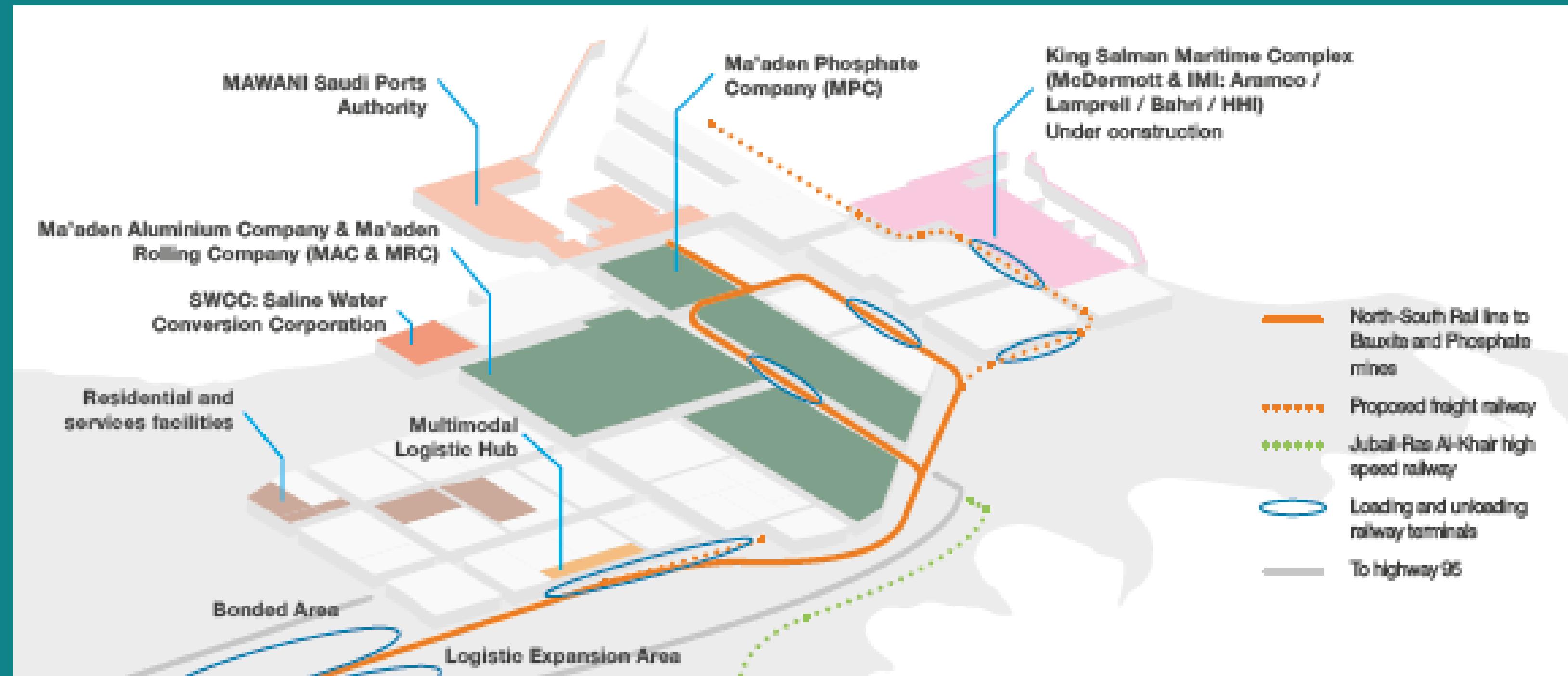
80 km North of Jubail City,  
in the Eastern province.

benefits from railway connectivity:  
North-South, Eastern section and  
GCC Railway Project.

It is connected to our efficient national highway network

# The Denim Outpost

## Investing in a Sustainable Future at Ras Al-Khair City For Mining Industries

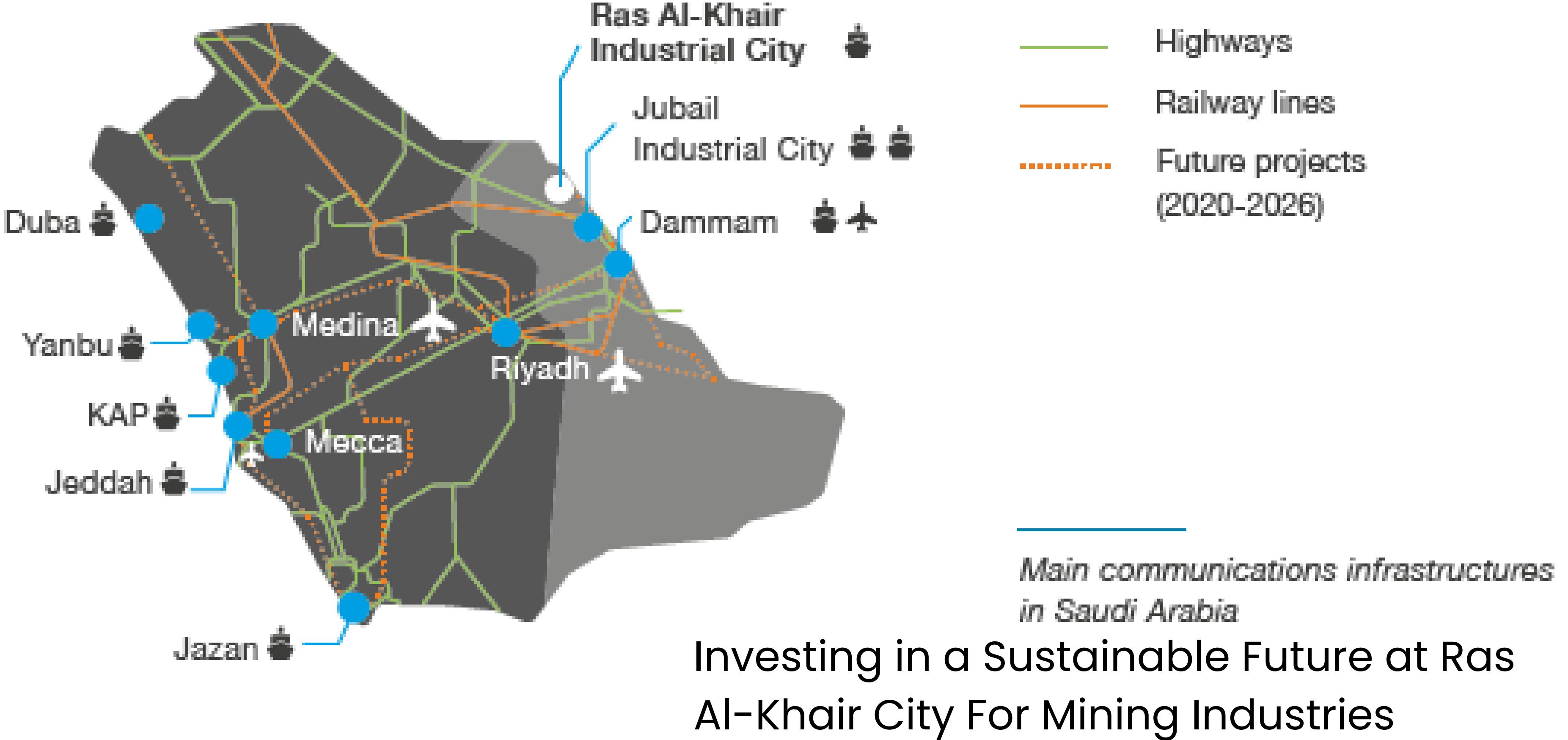


# LOCATION

Ras Al-Khair City For Mining Industries offers optimal location Optimal location Ma'aden Aluminium Company Access zone for movement of hot aluminium Existing freight railway Proposed freight railway To highway 95



# Aluminium Scrap Recycling Plant



# Benefits of Investing in KSA's Aluminum Downstream:

## Access to a Growing Market

Capitalize on the rapidly expanding aluminum demand in the region.

## Competitive Cost Advantage

Leverage cost-effective raw materials and operational efficiencies to gain a competitive edge.

## target market Supportive Government

Benefit from government initiatives aimed at attracting foreign investment and developing the aluminum industry.

## Skilled Workforce

Tap into a pool of talented and motivated Saudi professionals



# INVESTMENT HIGHLIGHTS



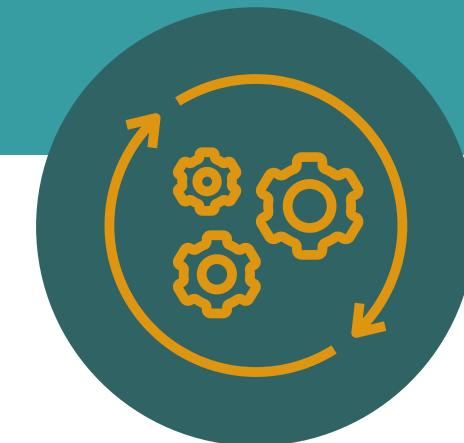
## branding

Expected Investment size  
of USD 70 Mn



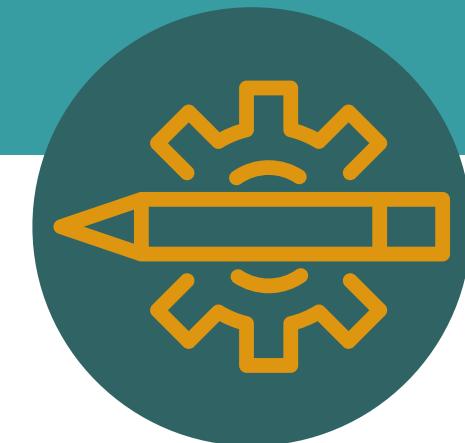
## Plant capacity: 120 ktpamarketing

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## Expected IRR: 49%

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## Payback period: 3 years

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# Opportunity Amidst Challenges



## Secure Domestic Feedstock

Securing competitively priced domestic aluminum can be tricky due to global market dynamics.

## Navigating Trade Barriers

Anti-dumping taxes and export restrictions add complexity to import strategies. Careful planning and analysis are essential.

## Technological Divergences

KSA's current technological landscape may require investments in hot rolling mills for alloy production and upskilling the workforce to bridge knowledge gaps.

# VALUE PROPOSITION



## Mining Industry: Key to Saudi Arabia's Industrial Base

Mining Industry set to become the “third pillar” of the Saudi industrial base due to KSA’s rich deposits of minerals



## Geographical Advantage and Trade Agreements enable Favorable Exports

KSA’s geographical advantage and trade agreements with neighboring countries make exporting favorable



## Developing Sustainable Value-Added Metal Industries (Downstream)

KSA is working to develop sustainable and globally competitive value-added semi-finished and finished metal industries (downstream) that support the Kingdom’s goals of diversification

# MARKET OVERVIEW



Globally, aluminum is one of the most profitable materials to recycle and has achieved higher recycling rates due to government's focus on energy saving, reducing wastage

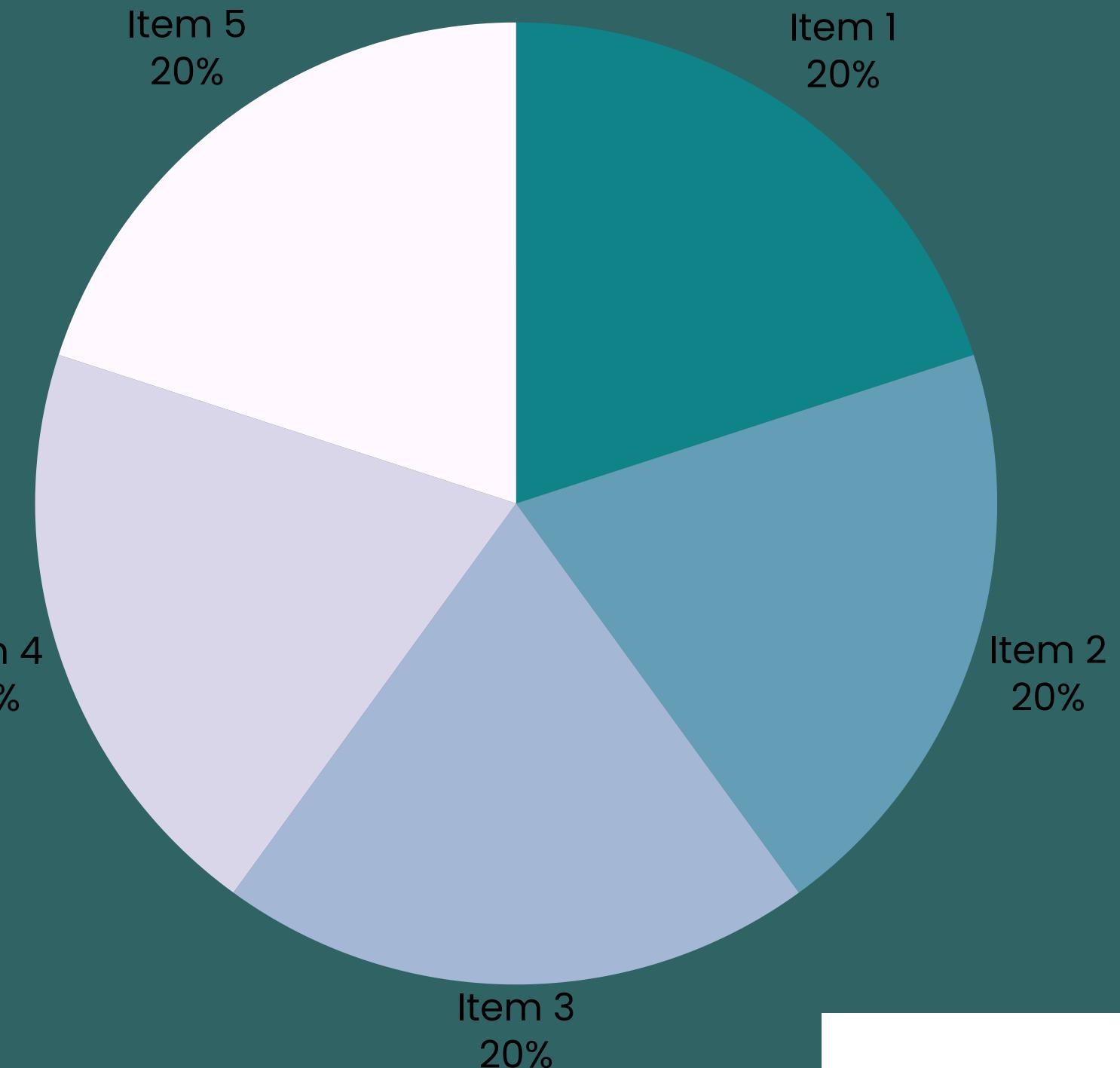


Most commonly recycled aluminum products include aluminum siding, automobile parts, foils, beverage cans etc. Due to the profitability business many organizations collect aluminum scraps for sales of intermediaries and ultimately to industries that reuse the material to make new products



In recycling aluminum, the global recycled aluminum market can be classified into refiners and remelters

- ☒ Refiners helps in production of casting alloys and deoxidize aluminum
- ☒ Remelters produce one of the largest wrought alloys



# Key Success Factors

Investors intending to establish a downstream manufacturing facility within the sector would need to satisfy the following requirements:



## Experienced Leadership

Assemble a high-quality owner and management team with proven experience in the aluminum end-product manufacturing industry. Their expertise will ensure your operation navigates the market effectively.



## Secure Aluminum Supply

Vertical integration or a stable aluminum supply agreement is crucial. Guarantee consistent access to unwrought aluminum for long-term operational success.



## Strong Infrastructure

Ensure your chosen location boasts reliable logistics, water, electricity, and communications to support efficient manufacturing operations.



## Localization Commitment

Adhere to KSA's localization policy by utilizing domestically sourced raw materials such as unwrought aluminum, reagents, and chemicals. This fosters national development and offers potential benefits.

# Contact Us

"For inquiries or assistance, please feel free to reach out to us. Your satisfaction is our priority. Let's connect and explore how we can collaborate to achieve your goals."



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# Thank You

For Your Attention



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