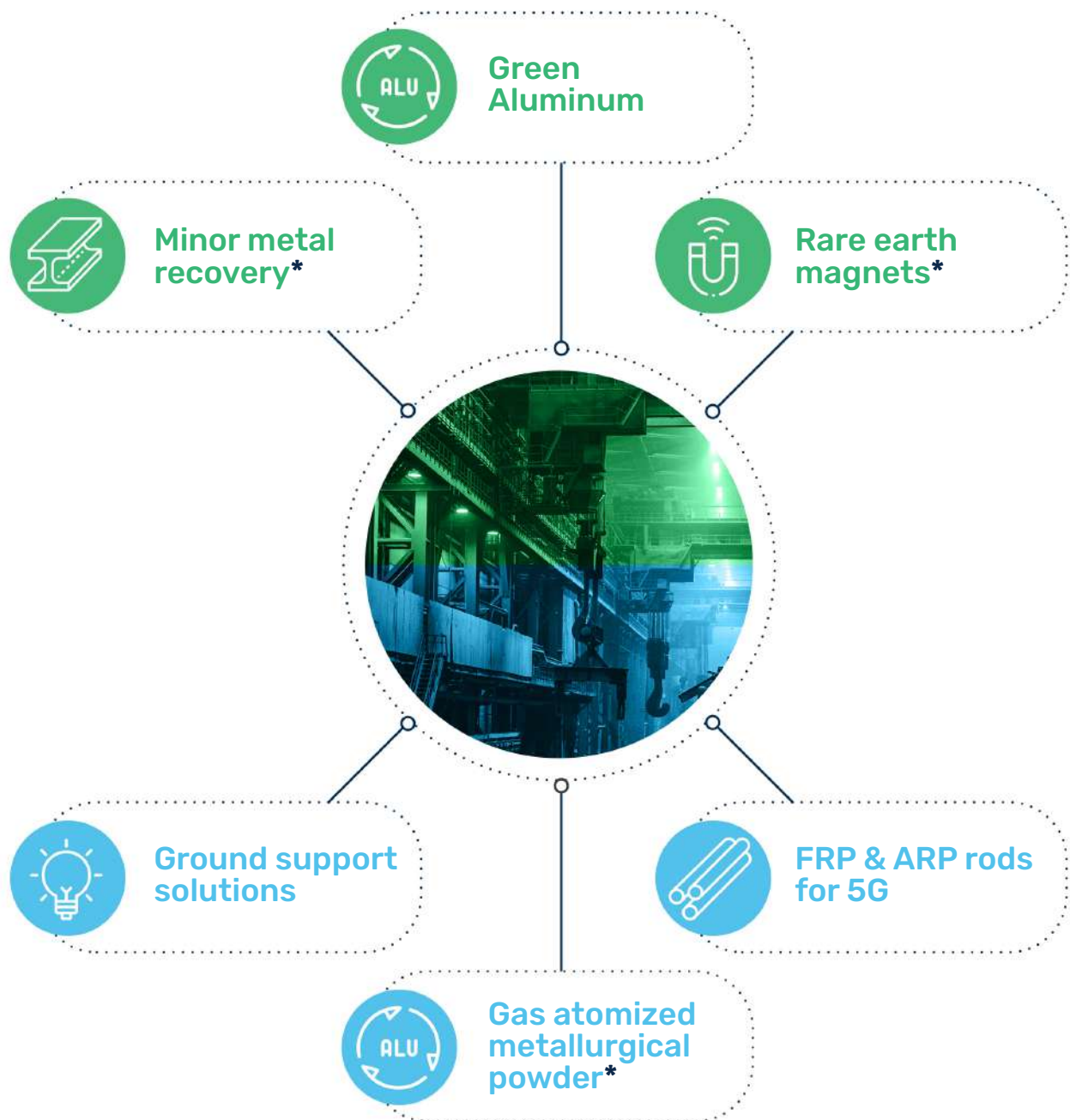




runaya 
BUILD FUTURE POSITIVE

Runaya

The fastest growing manufacturing venture with a focus on **sustainability** and **cutting-edge innovations**



*under implementation

Partnerships with global leaders



vedanta
transforming elements
VEDANTA LIMITED



AURELIUS



TAHA



POWBEN



MINOVA



Tie-ups with
**Germany and
Austria** to
leverage the best
in technology

About Us

The company was founded with the vision to provide advanced manufacturing and technology-based sustainability solutions for India's manufacturing landscape.

We aim to improve the quality of life across the country every day through sustainable remediation of industrial residues.

We have diversified business portfolios across two major segments – **sustainability and technology solutions.**

Our sustainability business segment encapsulates two businesses – **green aluminum and diversified metal recovery.**

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The company operates out of Odisha and Chhattisgarh. Runaya's Jharsuguda refining facility was inaugurated by the Hon'ble Chief Minister of Odisha, Shri Naveen Patnaik in July 2021, and is the first end-to-end aluminum dross processing and refining facility in the country.

Runaya plans to set up a world-class innovation centre with the goal of making India the leader in technological innovation in the resources industry.



Runaya won the Bronze Stevie in the Innovation in Energy & Sustainability category for its breakthrough solutions for mineral waste processing at Asia-Pacific Stevie Awards.

The Group is led by young entrepreneurs who are supported by experienced stalwarts. Its stated policy of employing 80% women workforce is symbolic of its commitment to a wholesome future with a diverse and sustainable outlook while offering a wide range of products customized to specific requirements.

Our business at a glance

The group has two main verticals - sustainability solutions and niche manufacturing.

Green technology

Providing sustainable solutions for the resources sector with a focus on zero waste mining and circular economy.

- **Green aluminium**
- **Minor metal recovery**
- **Rare earth magnets**



Technology-enabled manufacturing for the future

Niche manufacturing products for safe mining, aerospace, defence, 5G telecom, etc.

- **Ground support solutions for the mining and infrastructure industries**
- **FRP rod manufacturing**
- **Gas atomized metallurgical powder**



Company highlights

Values



Sustainability solutions company

with operations based on its licensed proprietary patented technology



Addressing biggest challenge

of resources sector by processing mineral waste and protecting the planet with sustainable solutions and recovering 90% available aluminum from dross



Diversified end-to-end green solution

Zero waste technology for recovery of aluminium, cadmium, zinc and various other metals.



Unique business vs. global players

High end technology and exclusive licenses and ability to expand globally.



Demonstrated track record

of successful operations in aluminium dross processing.



Supplier of niche raw material

to the steel industry.



Significant upside potential

by increasing the sustainable technology solutions covering the entire resources sector.



Waste management

opportunity catering and addressing of waste challenges of resource sector.



Unique zero waste

Zero discharge solution and multiple levels of growth and value creation.

Core strengths

Niche manufacturing products for safe mining, aerospace, defense, 5G telecom, etc.

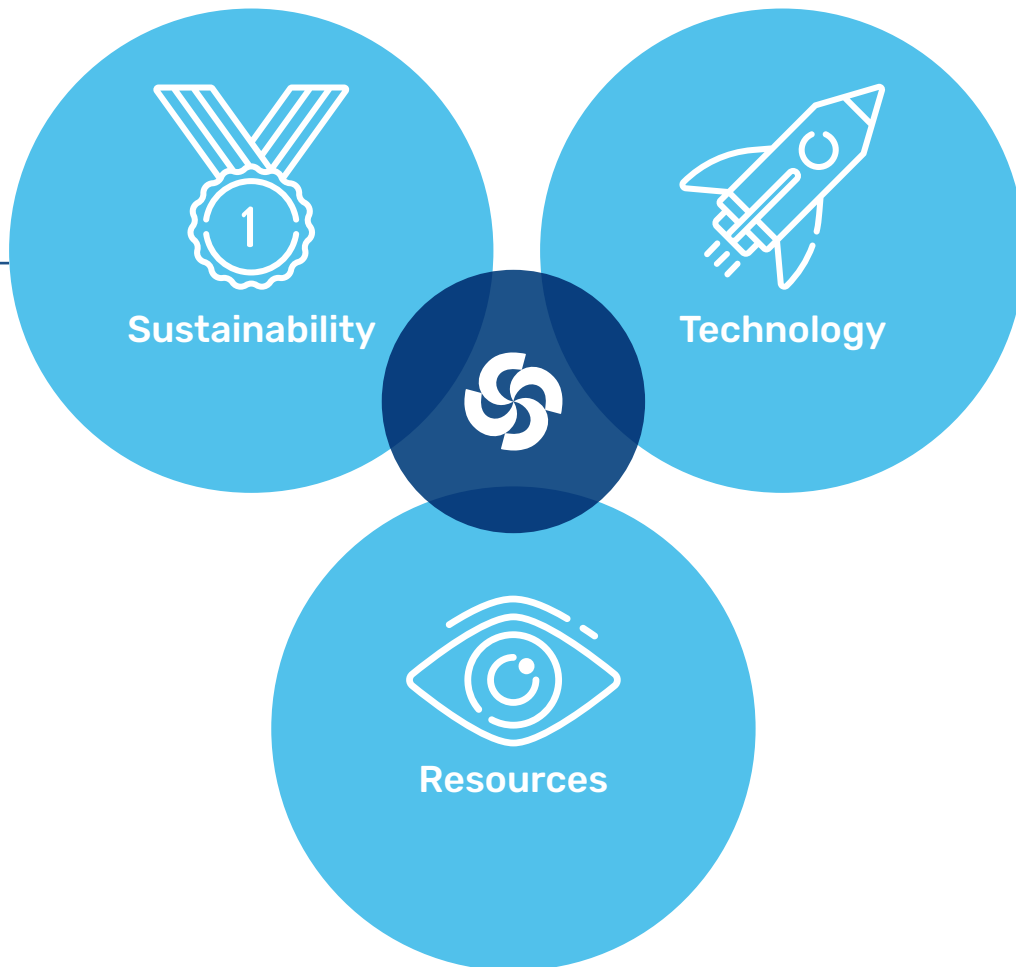
- **State of art UV technology plant with plans to manufacture 2 Mn kms.**
- **Focus on automation and digitization to ensure high-quality & defect-free products.**
- **Highly skilled manpower with product expertise & industry experience to ensure quality excellence.**
- **Continuous product improvement & innovation through the in-house innovation centre.**
- **The capacity of 36,000 MT of dross processing**

Our 3 pillars of focus

We are a new-age resources technology company with sustainability as a core value

Runaya is a new-age company with environmental and social consciousness at the core of all the processes and businesses, focused on green materials, decarbonization & circular waste management

Runaya uses technology not only to improve efficiency and productivity but also to work towards a sustainable world



Runaya fills the gap of a new-age resources company focused on emerging mining technologies and the material requirements for emerging businesses

Mission, vision, values



Mission

Be the leading partner in the manufacturing sector facilitating new-age technology, sustainable practices, and an inclusive work culture.

Vision

To be global thought leaders responsible for changing the status quo of the resources industry by building a future positive narrative.

Values



Purposeful innovations: We create new-age technological solutions that deliver beyond profitability. We are partnering with businesses in building the future now.



Sustainable practices: We enable the circular economy and a zero-waste policy. Our processes do more than prevent waste; they create value from it.



Diverse workforce: We value talent and ambition above all else. We empower all genders to be a part of this ever-growing industry through equal work opportunities.



High safety standards: We preserve and safeguard our most valuable assets – people. Our processes and safety protocols ensure efficiency.



Visionary outlook: We practice foresight around new and emerging industries and their specialized requirements. We stay a step ahead by knowing the needs of tomorrow, today.

Our management



Annanya Agarwal
Co-Founder &
CEO - Sustainability

Previously worked with McKinsey and BCG
B.S. degree from Emory University, Atlanta



Naivedya Agarwal
Co-Founder &
CEO - Technology

Previously worked at JP Morgan, BCG and Vedanta
MBA from LBS, London

Supported by a rich management team with
decades of sector experience



Amit Pradhan
Group Vice Chairman

35+ years of experience in Resources & Manufacturing
M.S. in Physics, IIT Delhi



Neha Bhandari
Group CFO

17+ years of Finance and Commercial experience
Qualified Chartered Accountant



Aniruddha Joshi
Group Marketing President

30+ years of experience in metals & mining sector
B.Tech from IIT Kharagpur



Jagannath Prasad
Dy CEO- Green Aluminum
& Minor Metals Business

18+ years of Operations, commercial & projects experience
B.Tech from NIT Rourkela & PGDM IIM Calcutta



Ramesh Deshpande
COO -
Green Aluminum Business

40+ years of sector experience
BBA- Lorenzo University, USA



Kavita Singh
Group HR Head

9+ years of experience in HR domain
MBA in HR from ICFAI Business School, Hyderabad

Our Steel Slag Conditioners

Runaya is quickly climbing the ladder to becoming the market leader in providing quick slag conditioning at SMS.

Our value-added products include Runaya alumina-based briquettes & Runaya unfused slag conditioner briquettes. These are green products made using patented technology from a single source and have proven benefits across many steel plants in India.

Runaya's steel slag conditioners are added in both stainless steel and carbon steel plants at LRF, AOD, EAF and BOF tapping in different configurations to achieve the proposed benefits.

- **Stable and consistent steel quality**
- **Improved alloy recovery (Yield)**
- **Improved desulphurization**
- **Reduction of Fluorspar (CaF_2)**
- **Improved refractory life**
- **Reduced electrode consumption**
- **Cleaner steel**
- **Improved thermal efficiency**
- **Reduced arc flare**

Unfused Slag Conditioner



● **Max 5% Metallic Aluminium**

● **20-25% of Calcium Oxide**

● **35-45% of Aluminium Oxide**

● **5-6% of Magnesium Oxide**

● **Less than 3% of Silicon Dioxide**

● **Size of 30+ / 10 mm**

RubiQ Green

Upto 40% Metallic Aluminium
(As per customer requirement)

30-40% of Aluminium Oxide

Maximum 5% Calcium Oxide

5-6% of Magnesium Oxide

Less than 3% of Silicon Dioxide

Size of 30+/-10 mm



Fused Slag Conditioner

35-45% of Aluminium Oxide

35-45% of Calcium Oxide

5-6% of Magnesium Oxide

Less than 3% of Silicon Dioxide

Size of 10-40 mm lumps



Calcium Magnesium Aluminate

25-30% of Aluminium Oxide

20-25% Calcium Oxide

15-20% of Magnesium Oxide

3-5% of Silicon Dioxide

Size of 10-50mm



Aluminium Notch Bar & Shots



>96% Purity

Unit Size- Al notch bars and Al ingots -5 kg, 10kg, 20 kg, 10 kg, 20kg

Al shots - 50 gms and Al Cubes - 200 gms

Composition - Mg <2% and Si <0.5%

Runaya Refining Plants



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