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#### Cerebra Integrated Technologies Limited

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Department of Corporate Services

(Listing)

**BSE Limited** 

Phiroze Jeejeebhoy Towers

Dalal Street, Fort

Mumbai - 400 001

Scrip Code: 532413

Listing Department,

National Stock Exchange of India Limited

5<sup>th</sup> Floor, Exchange Plaza, Bandra (E), MUMBAI-400 051

Scrip Symbol: CEREBRAINT

**Dear Sirs** 

Sub: Intimation under Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulation, 2015

Pursuant to Regulations 30 and 46 read with clause 15 of Para A of Part A of Schedule III of SEBI (Listing Obligations and Disclosure Requirements) Regulation, 2015, we hereby enclosing the copy of the presentation made and confirm that we have uploaded the copy of the presentation made to the investors held at the meet held on 27<sup>th</sup> August, 2021on our website at <a href="https://www.cerebracomputers.com/">https://www.cerebracomputers.com/</a>.

Please refer the enclosed document for more details.

Kindly take this on your record and consider as compliance with SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Thanking you

Yours faithfully

For Cerebra Integrated Technologies Limited

Maitri Chatterjee

Company Secretary and

Compliance Officer

M. No. - 57375

Encl: As above



# CEREBRA GREEN

**Your E-Waste Solutions Expert** 

**INVESTOR PRESENTATION Q1FY22** 

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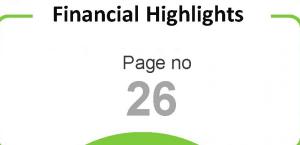
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#### Q1FY22 BUSINESS HIGHLIGHTS- OPERATING BACK TO FULL CAPACITY



# E-waste: CIRCULARITY: Our Driving Philosophy. Digital Adoption: Our Mission

Cerebra is a completely green company and into business of E-waste recycling business under which company have segments of Refurbishment, EPR (Extended producer Responsibility) and CEC's (Cerebra Experienced Centre's).

The 20.000MT capacity is fully utilized currently and hence Company has started the construction of its 3rd factory and the same is expected to be completed by end November 2021 to result in enhanced capacity.

Company have opened 33 Cerebra **Experience Centers** stores in FY21 across India through Franchisees to sell

and planning to add 20 more in FY22.

Refurbished products

The Company has signed up with certain other major MNCs and Large Indian Corporates as its Recycling partner during the quarter out of which few are in fortune 500 list.

Overall management remains very bullish and excited for the prospects of it's E-Business looking at Industry opportunity size, new client additions, renewed traction with existing clients and increase in capacity by Q3FY22.





# **OUR VISION**

At Cerebra Green, our vision is to lead India into a regenerative culture, where recycling and putting the environment first is a natural step — for large organizations and individuals alike. At present, we have created India's largest, most sophisticated end-to-end e-waste recycling facility. The facility is also among the first to achieve a completely eco-friendly e-waste disposal technique such that there is a zero landfill and zero water level pollution during the process.

Cerebra is on the mission to bring the green revolution in the country which is still ~95% unorganized where untrained workers carry out practices unsafe for human and environmental health.

Cerebra aims to become a leading player in E-Waste Recycling in the country.





#### CEREBRA MILESTONES



# STORY SO FAR —



#### 1992

Inception of Cerebra Integrated Technologies Limited



#### 2000

Initial Public offering in April 2000



#### 2010

Created the Enterprise Solution Division partnering with Dell, IBM, HP and others to offer Enterprise level IT solutions



#### 2011

Cerebra opens Middle east office



#### 2013

Cerebra Forays into recycling. Inception of Cerebra Green



#### 2018

Cerebra opens one of the largest e-waste recycling facilities in Narsapura



#### 2019

Cerebra Experience Centres are launched Extended Producer Responsibility business started



#### 2020

One of its kind, home grown software SPOCK is implemented to capture end to end business operations

# **OUR PRESENCE-**





#### **MANAGEMENT HIERARCHY**





Ranganathan V

Managing Director

BE, Work Ex 35+ years

The driving Force of Cerebra since inception.

#### **EXECUTIVE BOARD**



Vishwamurthy Director PG – DSM & BE, Work Ex 29+ years. Evolved from multiple roles to Director.



Bharath
Co-founder & COO
BE, Work Ex 35+ years
with major stint in
Cerebra, since its
inception.



Ravi Kumar Neeladri CEO BE, Work Ex 30+ years

**E-WASTE MANAGEMENT** 



Hariprasad Shetty CBO MBA, Work Ex 20+ years



**ENTERPRISE SOLUTIONS** 

Phalgun Jois CEO – Enterprise Solutions BE, Work Ex 30+ years





Kishan Rao CFO B.Com, CA, Work Ex 19+ years



HS Venkatesh Consultant CA, Work Ex 35+ years



Umashankar ZM – Institutional Sales BA, Work Ex 25+ yrs

Himanshu Sharma

ZM - Refurb Sales,

MBA, Work Ex 17+ years

North



Rakesh Rasalam GM - Factory BE, Work Ex 20+ years



Raghavendra H ZM – Refurb Sales, South MBA, Work Ex 17+ years





Sivakumar Consultant B.Com, CA, Work Ex 33+ years



Kala Bose GM - HR PGCHRM, MPM. Work Ex 15+ years



Pranesh Panyam
Business Head –
Asset Recovery,
MBA, Work Ex 18+ years



Hemachandra
ZM – Procurement,
Complex material
B.com, Work Ex 16+ years



Preeti T
Customer Success
and BD - EPR
MBA, Work Ex 17+ years









# WASTE ELECTRICAL ELECTRONIC EQUIPMENT (WEEE) IS KNOWN AS E-WASTE











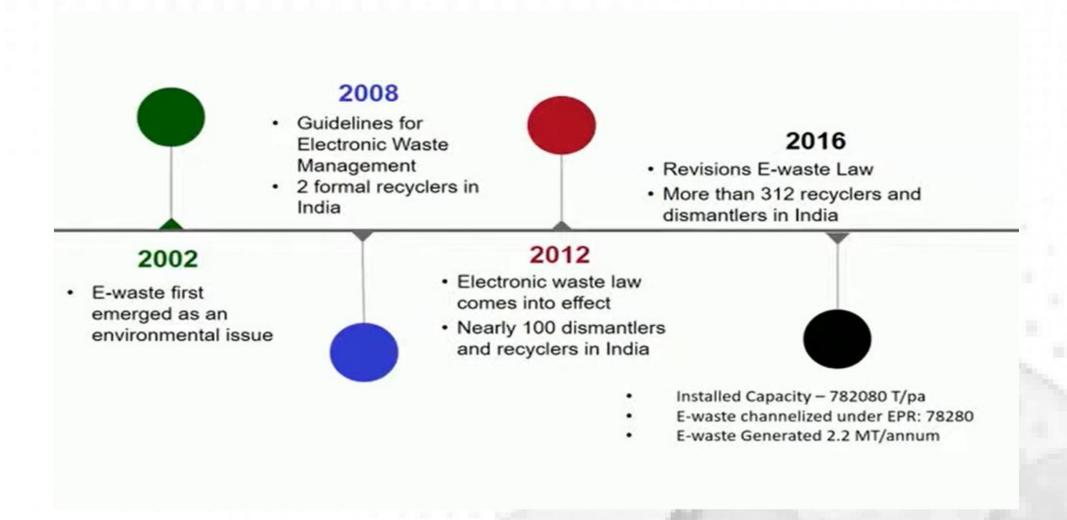


E-WASTE IS NOT WASTE: IT IS WEALTH, PRECIOUS & BASE METALS CAN BE RECOVERED



#### **EVOLUTION OF E-WASTE MANAGEMENT IN INDIA**

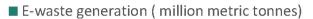




#### E-WASTE INDUSTRY OVERVIEW

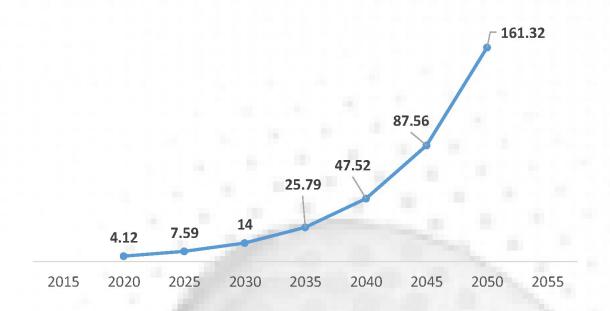


#### India's E-waste generation have grown at **CAGR of ~16% over FY15-20**





#### With the current growth rate, by 2025, India will be producing 7 million MT of e-waste annually and 14 million MT by 2030



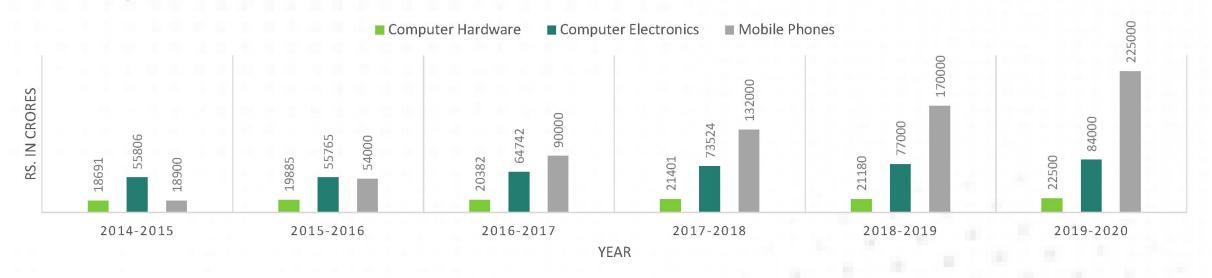
Source: CSE E-Waste Management In India Report 2020



#### ELECTRONICS WASTE WILL ONLY GROW AND CEREBRA HAVE A HUGE MARKET TO ADDRESS



#### Production profile for electronics in India



#### Percentage contribution by states to annual e-waste generation; Cerebra have a strong presence in Southern markets



Source: CSE E-Waste Management In India Report 2020

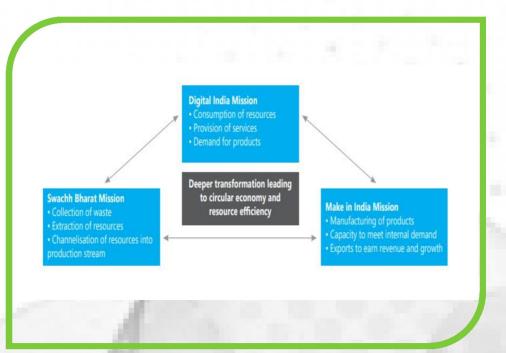


#### CEREBRA TO BE BIGGEST BENEFICIARY OF GOVERNMENT THRUST ON CIRCULAR ECONOMY



- India is the third largest consumers of raw materials produced globally. If current economic trends persist then India's material requirements are projected to be nearly 15 billion tonnes by 2030 and little above 25 billion tonnes by 2050. For India to fulfill its resource needs, it is imperative that we follow circular economy approach rather than the current linear economy principle of takemake-dispose.
- It is expected that the business of extracting precious metals from E-Waste will grow to US\$6 billion by the year 2030, and this will be a big business opportunity for India.

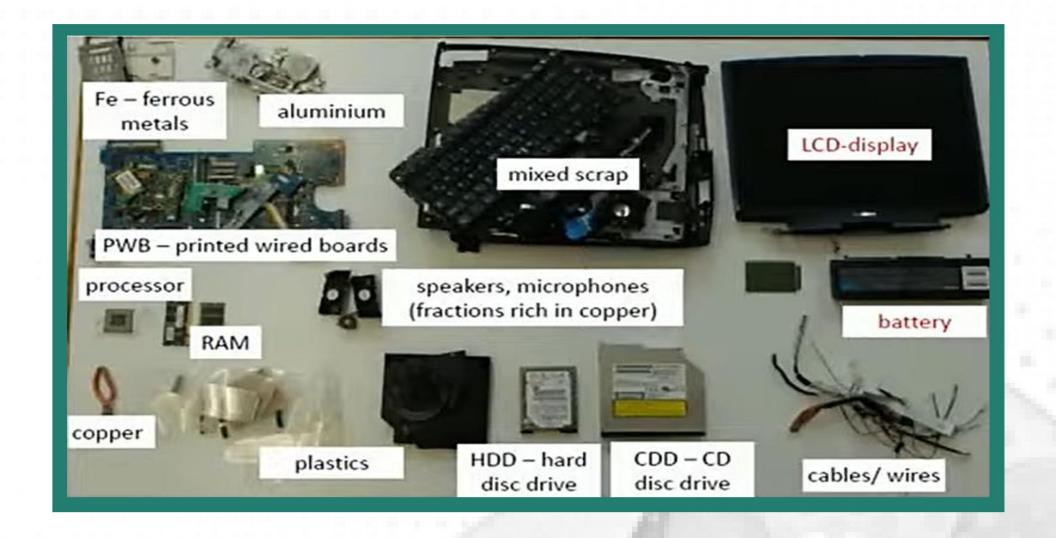




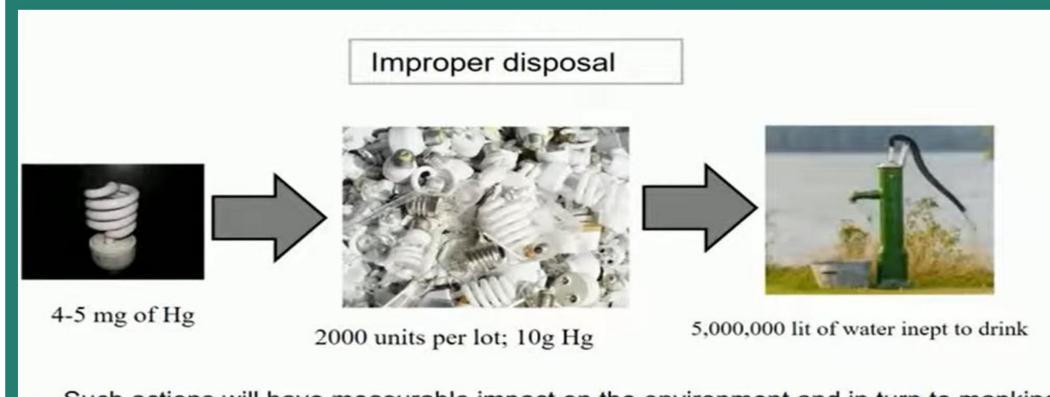


# **DISMANTLING OF A LAPTOP: OUTPUT FRACTIONS**









- Such actions will have measurable impact on the environment and in turn to mankind
- Remediation of damage is irreversible

#### CEREBRA TO EMERGE AS BIGGEST CONTRIBUTOR TO INDIA'S AIM OF REDUCING DEPENDENCY ON IMPORTS OF PRECIOUS METALS OVER THE NEXT FEW YEARS



With the Capacity of 96,000 TPA, Cerebra will not only have a huge opportunity to become India's leading E-waste Recycler but also biggest contributor to reducing India's gold imports and other precious & base metals and thus directly contributing to foreign exchange savings.





# HAZARDOUS PRACTICES OF RECOVERY OF GOLD IN UN-ORGANIZED SECTOR







#### NARASAPURA PLANT- FULLY INTEGRATED RECYCLING UNIT



#### One of India's largest integrated E-Waste recycling facility at Narasapura Industrial Area, Kolar District, near Bengaluru spread across 12 acres of land

- Capacity of 96,000 Tons per annum; obtained necessary consent from Karnataka State Pollution Control Board. Current operating capacity is 20,000 MTs per annum (~1,667 MT/Month)
- Proposed ramp-up of capacity is 40,000 MTs per annum (~3,333 MT/Month).
- · Agreements with many customers including MNC's across India for collecting E-Waste.
- Precious Metals refining plant to be set up soon.
- PRO Collection centers at Ahmedabad, Chennai, Hyderabad, Mumbai, New Delhi, Pune, Patna, Jaipur, Kolkatta, Ludhiana and Punjab.
- Awarded IMS Certificate ISO9001:2015, ISO 14001:2015, ISO 18001:2007, ISO 27001 and RESPONSIBLE RECYCLING©:2013.
- Scope: E-waste Collection, Dismantling, Segregation, Recycling, Refurbishing & Data Protection activities of Waste Electrical & Electronic Equipment.











































# **Mahindra FINANCE**































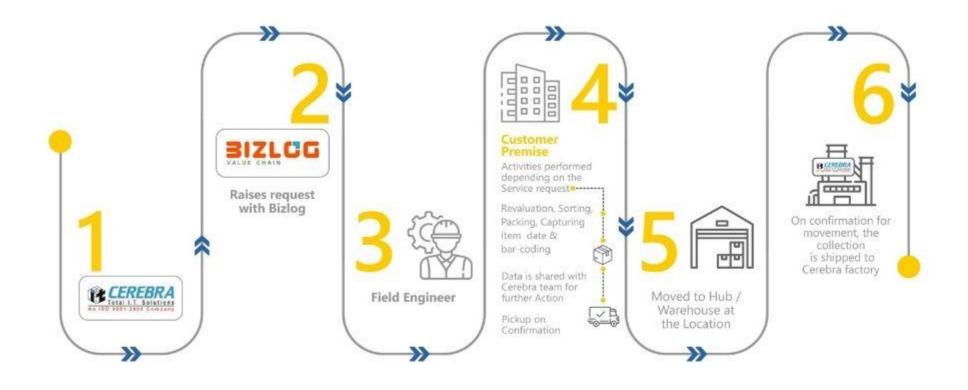




#### CEREBRA PRO OPERATING PROCESS



Cerebra is CPCB authorized Producer Responsibility Organization (PRO) undertaking the Extended Producer Responsibility (EPR) commitments for IT and Electronic Equipment OEM's. Cerebra currently is working with Consumer Electronic OEM's viz., Samsung and LG Electronics to fulfill the EPR commitments for both the organizations.





# **Extended Producer Responsibility (EPR)**



EPR laws came to force in India in 2016 but have been enforced more strictly from 2018. Both ITEW & CEEW Producers have to comply with EPR laws, thus giving an opportunity as below

CEEW EPR Targets FY22	MT
Televisions	345,446
Refrigerators	1,132,954
Washing Machines	241,356
Air Conditioners	246,713

ITEW EPR Targets FY22V	MT
Personal Computers	42,284
Laptops	12,480
Notebooks	6,442
Printers	43,040

## **Cerebra's Achievements FY21**











#### IT E-WASTE RECYCLING



In India, during pre-covid-19 about 11 million units of new PCs are sold in 2019 and about 12 million refurb PCs are sold. With a lifecycle of an average 5 years, there are millions of PCs which are scrapped annually for recycling.





#### PC REFURBISHMENT



In 2019, Cerebra has opened state of art PC refurbishment centre in its 12 acre facility in Narsapura Industrial Estate.







#### CEREBRA EXPERIENCE CENTRES



# **Cerebra's ACHIEVEMENTS FY21**





"It is a high margin business," says Anil Talreja, Partner at research firm Deloitte Haskins & Sells, who tracks the consumer sector. "Earlier, the refurbished market was dominated by the grey market and unorganized local retailers," he explains. Now, this market is being taken up by organized players who provide warranty, repairs with genuine parts and also after sales services.





# Q1FY22 Financial **Highlights**

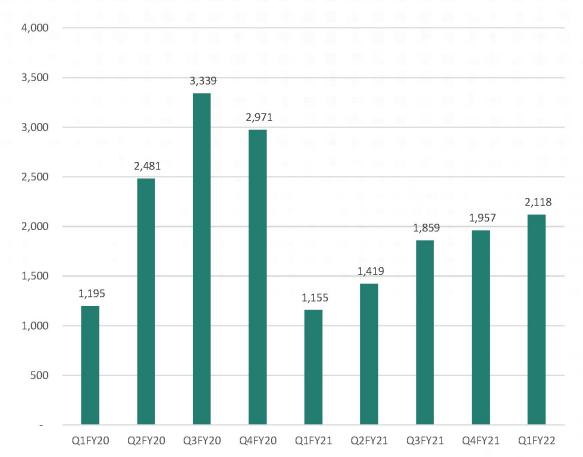


## REVENUE CONTINUES TO RECOVER FOR THE 5TH CONSECUTIVE QUARTER

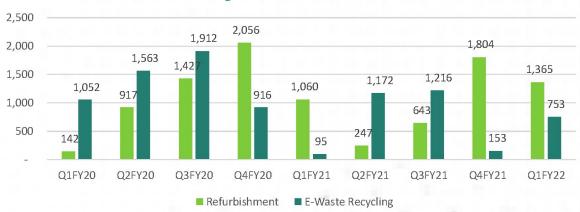


#### All figures in Lakhs

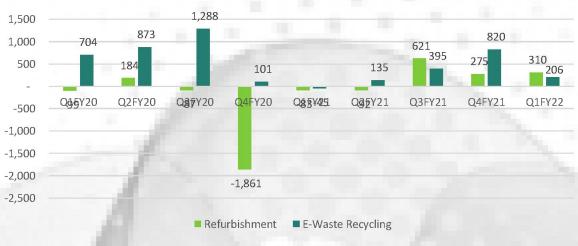
#### **Income From Operations**



#### Segmental Revenue



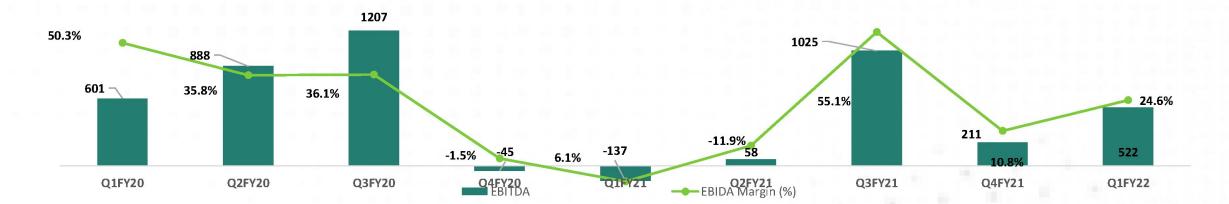
### Segmental EBIT



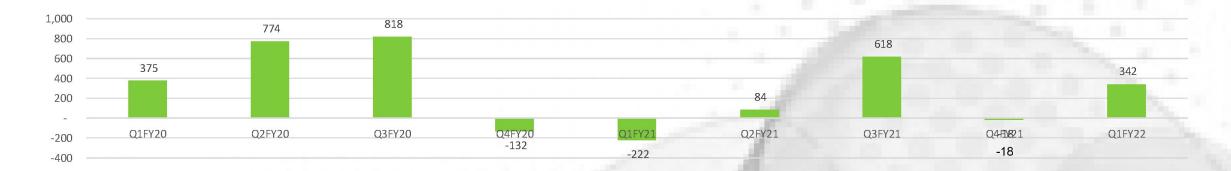


#### All figures in Lakhs

#### EBIDTA & EBIDTA Margin (%)



### Reported PAT











# VISION 2030- HUGE MARKET OPPORTUNITY FOR CEREBRA TO TAP AND CONTRIBUTE IN A BIG WAY TO INDIA'S GOAL OF IMPORT SUBSTITUTION

- As per the data provided in Global E-waste Monitor, India ranks third behind USA & China in terms of the total E-waste generated in 2019. China generated over 10.12 million Mt of E-waste in 2019, followed by the USA with 6.91 million Mt and India with 3.23 million Mt.
- However, in terms of per capita E-waste, India is among the countries with low per capita E-waste with only 2.4 kg per capita in 2019, much lower than the global average of 7.3 kg per capita. China is also marginally less than the global average with 7.2 kg per capita. However, the USA nearly generates 3 times the global per capita E-waste with 21 kg.
- The domestic electronics manufacturing sector in India has seen significant growth in the last six years.
   Production of electronic goods in India increased by 187% from INR ~1.9tn in 2014-15 to an estimated INR ~5.5tn in 2019-20, with a compound annual growth rate (CAGR) of about 24%
- With continuous growth of consumer electronics & appliances year-on-year, India has been witnessing a faster e-waste generation in recent times with ~28% growth YoY in FY20, while compound annual growth rate (CAGR) of about ~16% in the country over FY15-20.
- India is dependent on Chile, China, Congo and several other countries for metals that are critical to the
  growth expected in several sectors. It is expected that by 2030, the increased use of EEE products combined
  with a spurt in demand for batteries in the telecom, renewables and transportation sectors, will see the
  creation of 'urban mines' that India will need to manage appropriately. A robust ecosystem is needed to
  reclaim these metals and to reduce their imports.
- India's E-waste generation projected to rise to 4.5-5 million MT by 2021. With the current growth rate, by 2025, India will be producing 7 million MT of e-waste annually and 14 million MT by 2030.

# Thank you



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