



VANSi INTERNATIONAL INSTITUTE OF
E-WASTE MANAGEMENT
Revolutionize Sustainability Globally

Report on Webinar – ICMAI

The VANSi IIEM was invited to do a Webinar conference on the topic “e-Waste to wealth” under the forum of The Institute of Cost Accountants of India (ICMAI) on 15.06.2023 from 16:00 to 17:00 (IST). The Managing Director and CEO of the Vans group of companies, Mr Venkatesha Murthy, presented the Webinar. The participants were members of the ICMAI, who chartered accountants working in different companies across India.

The topics covered in the Webinar were as follows:

- Global and Asia’s e-Waste statistics
- e-Waste Impacts
- need for recycling
- Challenges and risks
- Business opportunities, circular and green economy (ESG)
- Global best practices and integrated technologies
- What can we do to protect the natural resources and planet
- VANSi IIEM and the services we provide

The event was conducted completely free of cost and on behalf of the MeitY. We were not able to get the information of the candidates who attended the webinar, as giving that information out is against the policy of the ICMAI. Although we have the details of a few participants who had some questions during the event.

- Baskar Ganeshan
- Harinder Krishan Bakshi
- Kameswara Rao
- Madan Vaishnava
- Krushna Padol
- Narendra Srivastava
- Vivek Chiranya
- John Ohilvi

Some of the pictures we have taken are attached in the next page.



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Zoom Meeting | You are viewing Venkatesha Murthy Murthy's screen | View Options

Recording | LIVE | YouTube

e-Waste...

Material	Percentage
Carbon	4%
Others	9.42%
Aluminum	2%
Stainless Steel	2%
MS	14%
Copper	2%
Plastics	48.82%

Material	Percentage
Others	0.00%
Plastics	13%
Aluminum	8.6%
Copper	12.42%
Oil	0.00%
Mild Steel	57.02%

Material	Percentage
Others	5%
Plastics	17%
Aluminum	2%
Glass	1%
Steel	67%
Fluorocarbon	5%
FR Foam	2%
Copper	3%

Participants: 22 | Chat | Share Screen | Record | Show Captions | Reactions | Apps | Whiteboards | Leave

16:10 | 15-06-2023

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Manmade Calamities

After Agri, Industrial, IT Revolutions....

ICT Products given so much comfort and economical power which never be in the history of this PLANET !!!

But....

- Global Warming
- Glacier Ice melts
- Climate Change
- Ozone layer Depletion
- Greenhouse effects
- Plasticizing the Ocean
- Rising Sea level
- Chemical & Nuclear Disastrous
- Diseases
 - Spanish Flue
 - Plague
 - SARS
 - H1N1
 - MERS
 - Now COVID....

Nature Given Everything We Want...but we exploit more... more.... And more... GREEDY!!!
Man created and we must fix it....

TODAY's World is not how much we make; rather how long we live by keeping good health and happiness

Participants: 22 | Chat | Share Screen | Record | Show Captions | Reactions | Apps | Whiteboards | Leave

16:08 | 15-06-2023



Ministry of Electronics and Information Technology
Government of India





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COMPOSITION AND KEY MATERIALS IN E-WASTE

Valuables in e-Waste

- **Precious Metals** like Gold, Silver, etc.,
- **Platinum Group Metals** like Platinum, Palladium, Ruthenium, Rhodium etc.,
- **Rare Earth Metals** like Neodymium, Europium, Terbium, Lanthanum, etc.,
- **Strategic Metals** like Titanium, Zirconium, Cobalt, Lithium, etc.,
- **Base Metals** like Copper, Aluminum, Nickel, Iron, Steel, etc.,

e-Waste contains also Hazardous Substances

- Lead
- Mercury
- Chromium
- Cadmium
- Flame retardant plastics
- Arsenic
- Selenium, etc.,

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Mine the e-Waste, not the Earth

Elements in smartphones that could run out in the next century

- Gallium, Silver, Yttrium, Gold, Rhodium, Platinum, Copper
- Arsenic, Indium, Tantalum

ELEMENTS OF A SMARTPHONE

SCREEN

BATTERY

ELECTRONICS

CASING

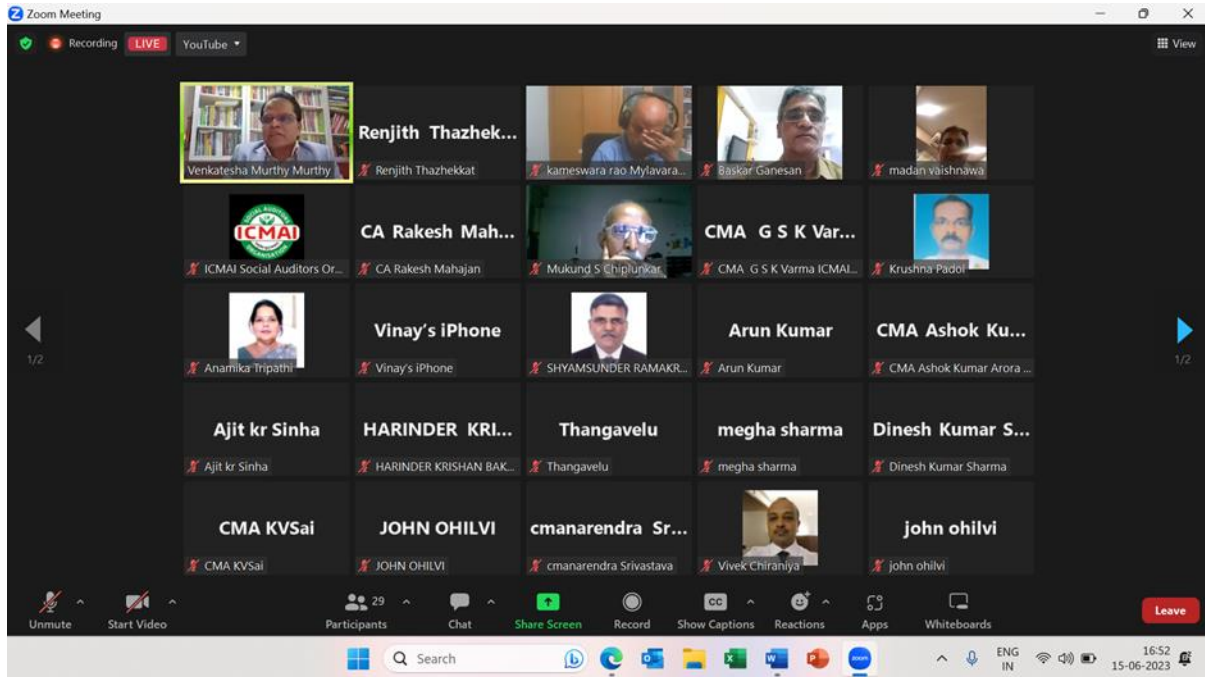
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The event was uploaded to the Youtube by the ICMAl and the link to the Webinar is pasted below.

<https://www.youtube.com/watch?v=D8PDsHiC4sw>

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