# What's in your phone?
## & Why Circular Economy?

Global Institute for Circular Economy and Sustainable Development Goals (ICE&SDGs) , India and AKrÿstähl, Australia
(formerly known as Sanshodhan: An E-Waste Exchange Pvt Ltd)
India I Australia I Europe

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# Mobile That everyone owns.....

Irrespective of their status or position, As it's the necessity.

But do we care to dispose of carefully?

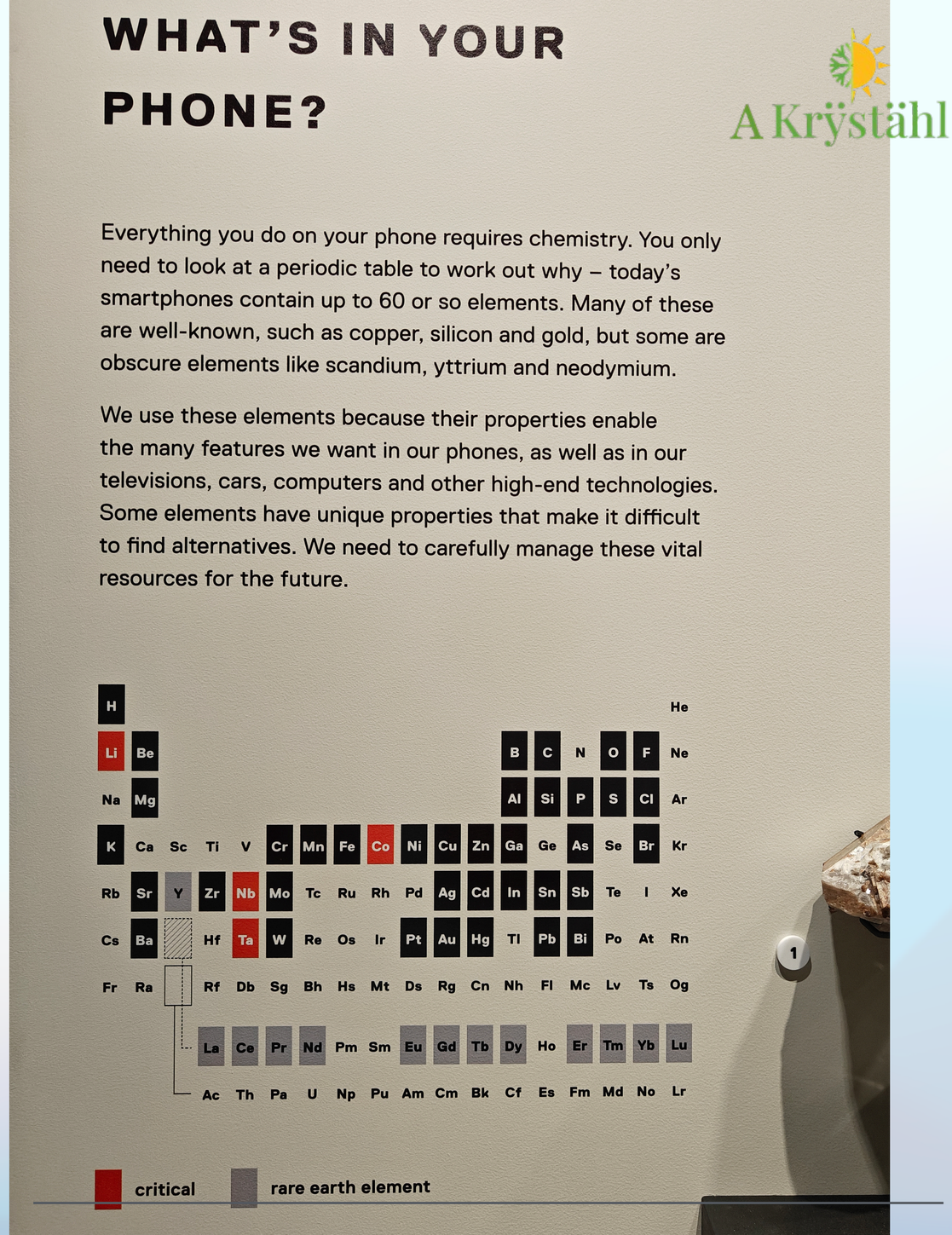
&

Do we ensure it's recycled?



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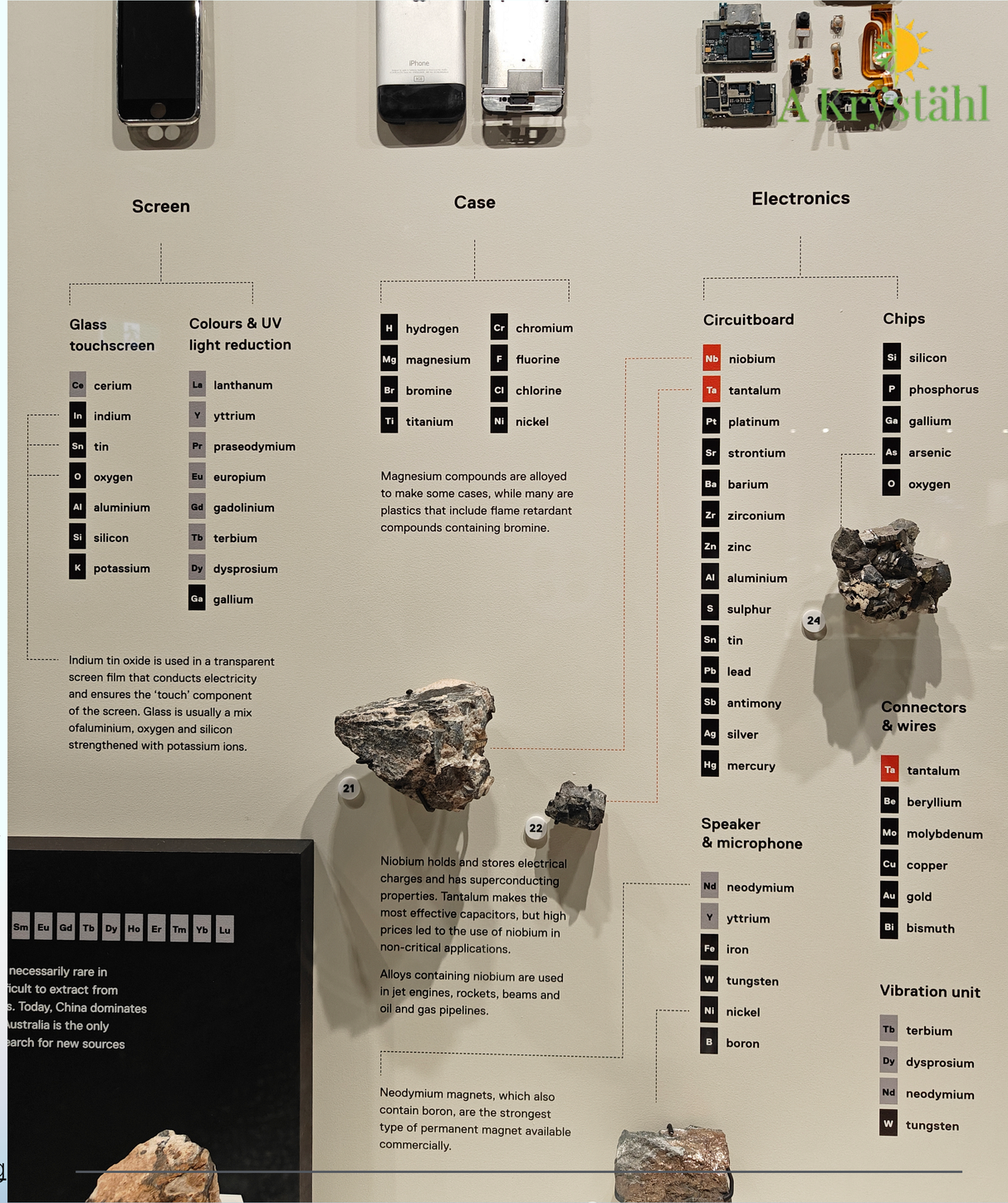
# Visualise, How Many Metals From Periodic Table Are Used To Manufacture Each Phone



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# What's In Your Phone?

Check Here



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# What It Takes To Manufacture Each Screen? & Each Case?

Check Here




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## Screen

### Glass touchscreen

- Ce cerium
- In indium
- Sn tin
- O oxygen
- Al aluminium
- Si silicon
- K potassium

### Colours & UV light reduction

- La lanthanum
- Y yttrium
- Pr praseodymium
- Eu europium
- Gd gadolinium
- Tb terbium
- Dy dysprosium
- Ga gallium

Indium tin oxide is used in a transparent screen film that conducts electricity and ensures the 'touch' component of the screen. Glass is usually a mix ofaluminium, oxygen and silicon strengthened with potassium ions.

## Case

- H hydrogen
- Mg magnesium
- Br bromine
- Ti titanium
- Cr chromium
- F fluorine
- Cl chlorine
- Ni nickel

Magnesium compounds are alloyed to make some cases, while many are plastics that include flame retardant compounds containing bromine.

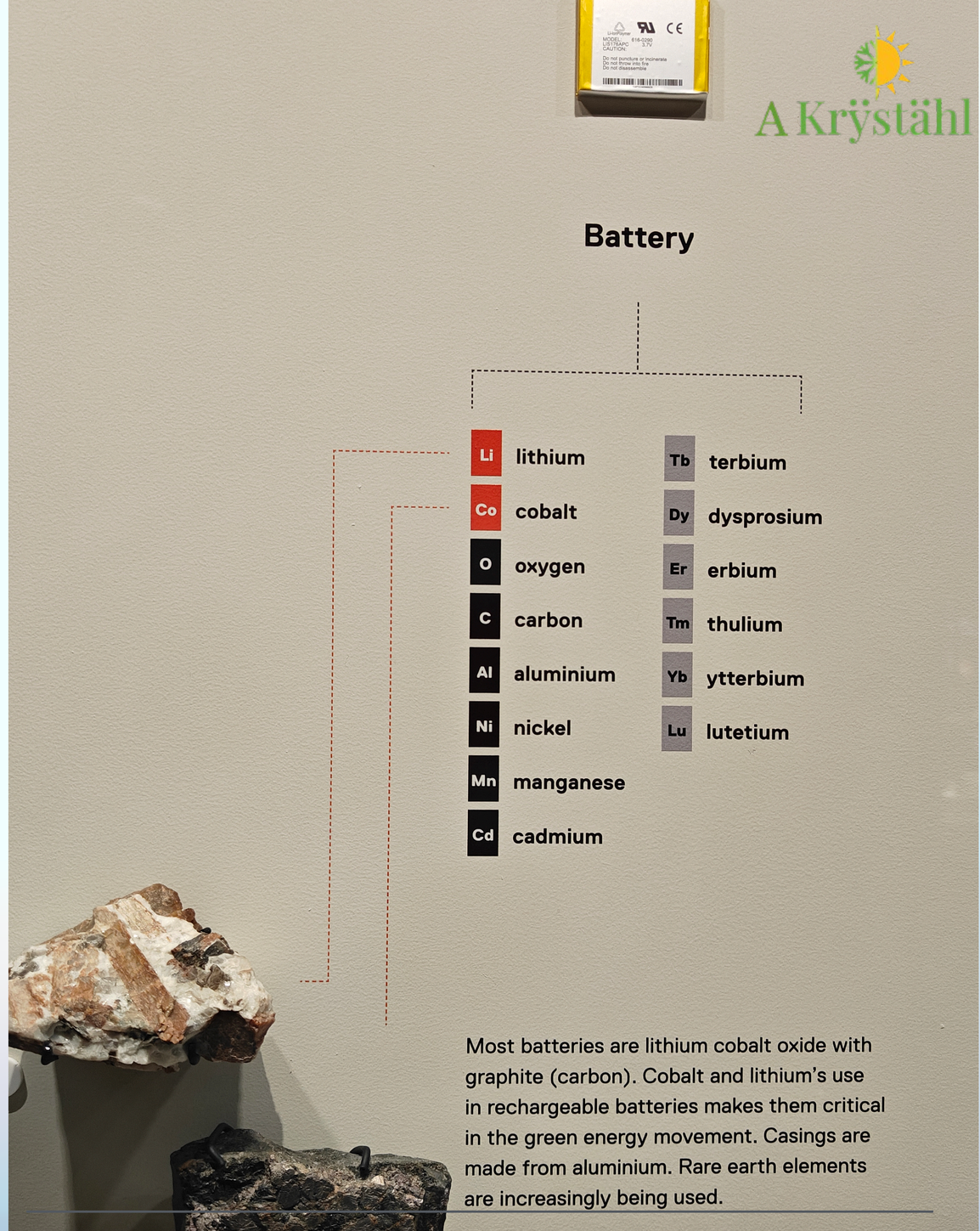


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# Which Metals are Being Used To Manufacture Each Battery?

Check Here

www.ce-sdg.org



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# You Recycle!
# But What & How Much You Get Recovered?









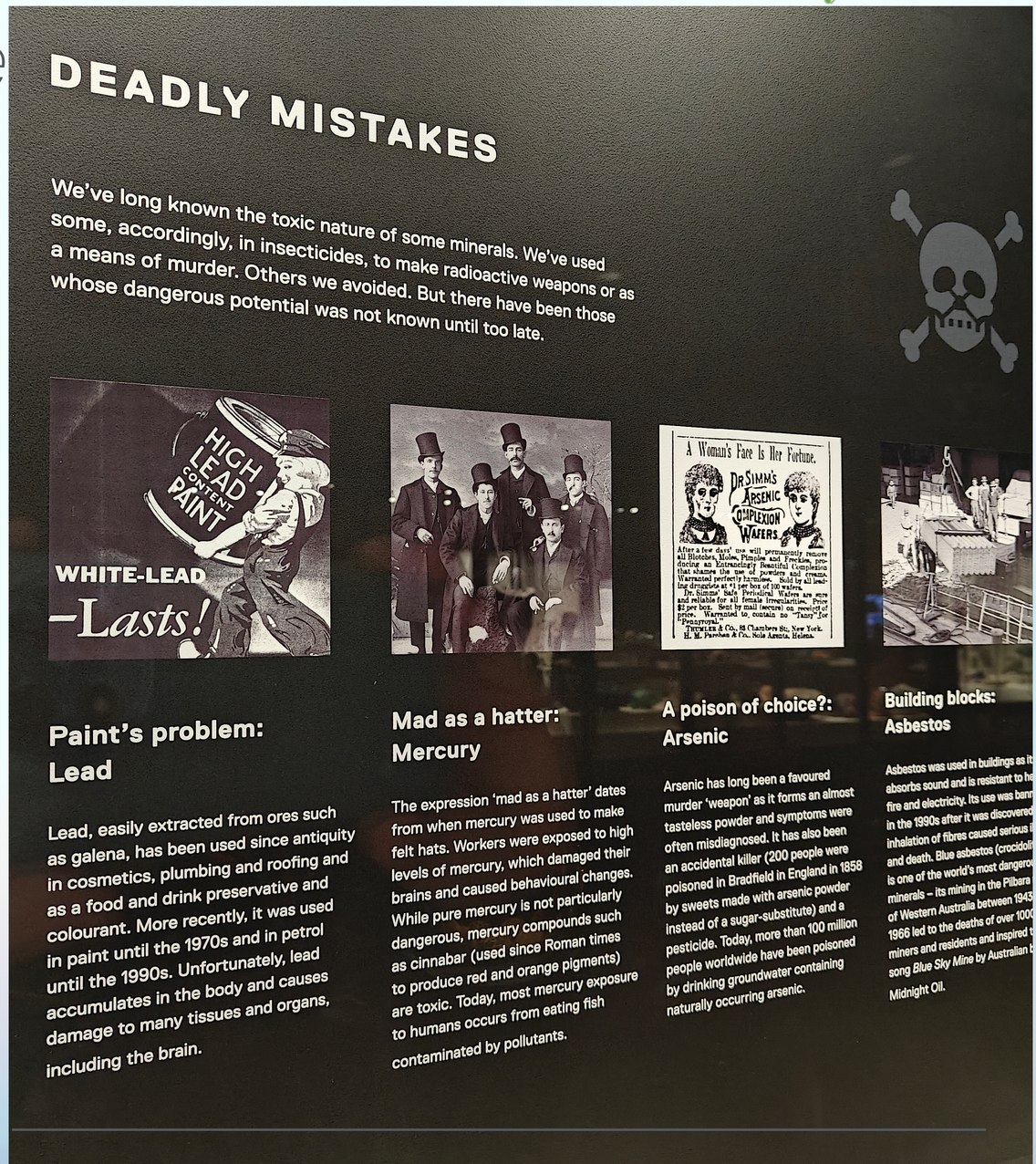
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# *That We All Human Being Make*

Even Though Wars, Country Overtake & Many More Unseen & Unheard Activities are Happening.....

Just To Grab The Natural Resources Of Other Countries, Islands & More!!

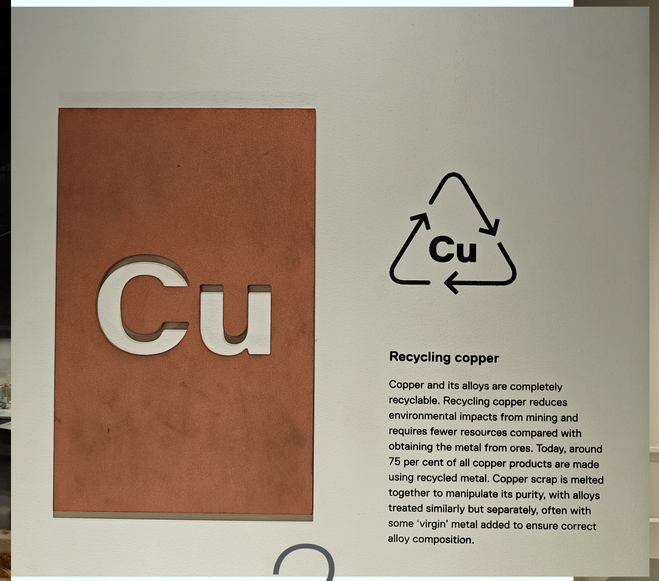


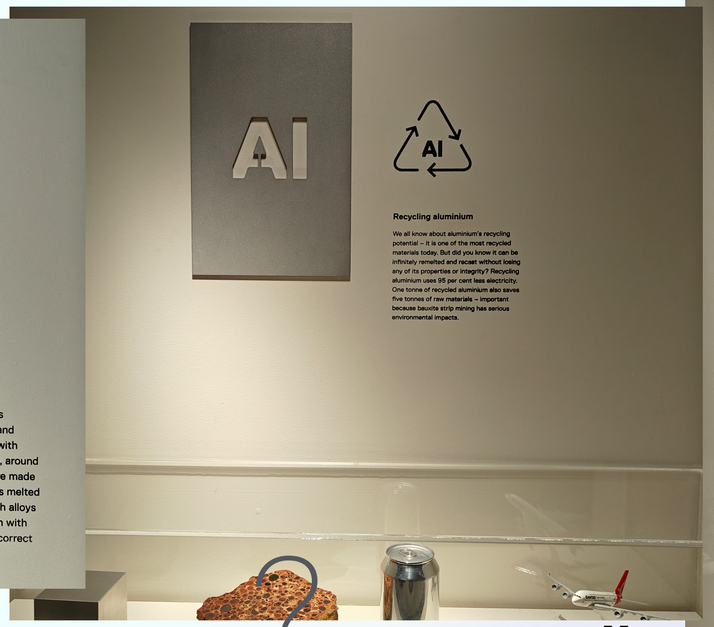
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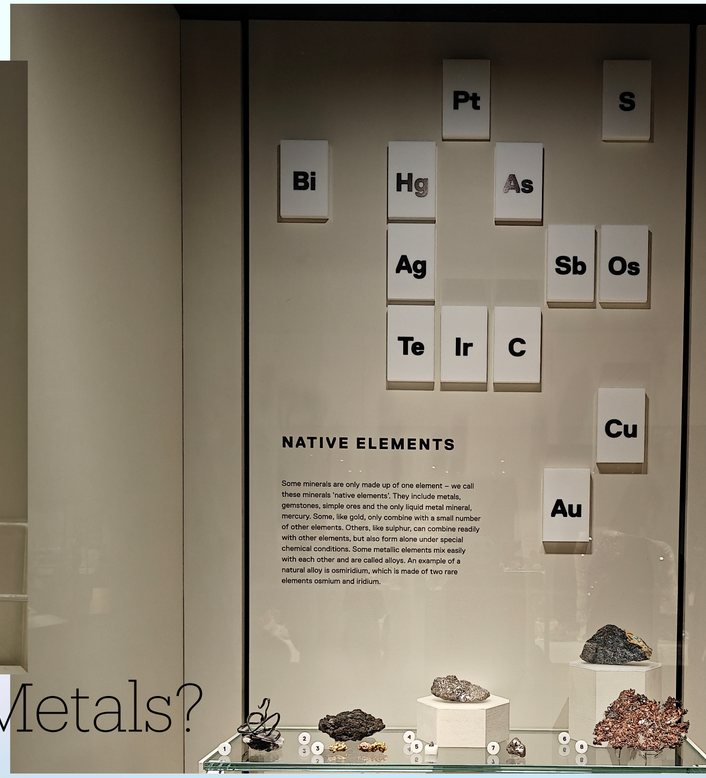
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# Want To Assess Your Circularity Status?




? ? ? & All Metals?

# What's Your MetalPrint™®?

*But Wonder, How Can You Do This? Check Now.*

www.ce-sdg.org

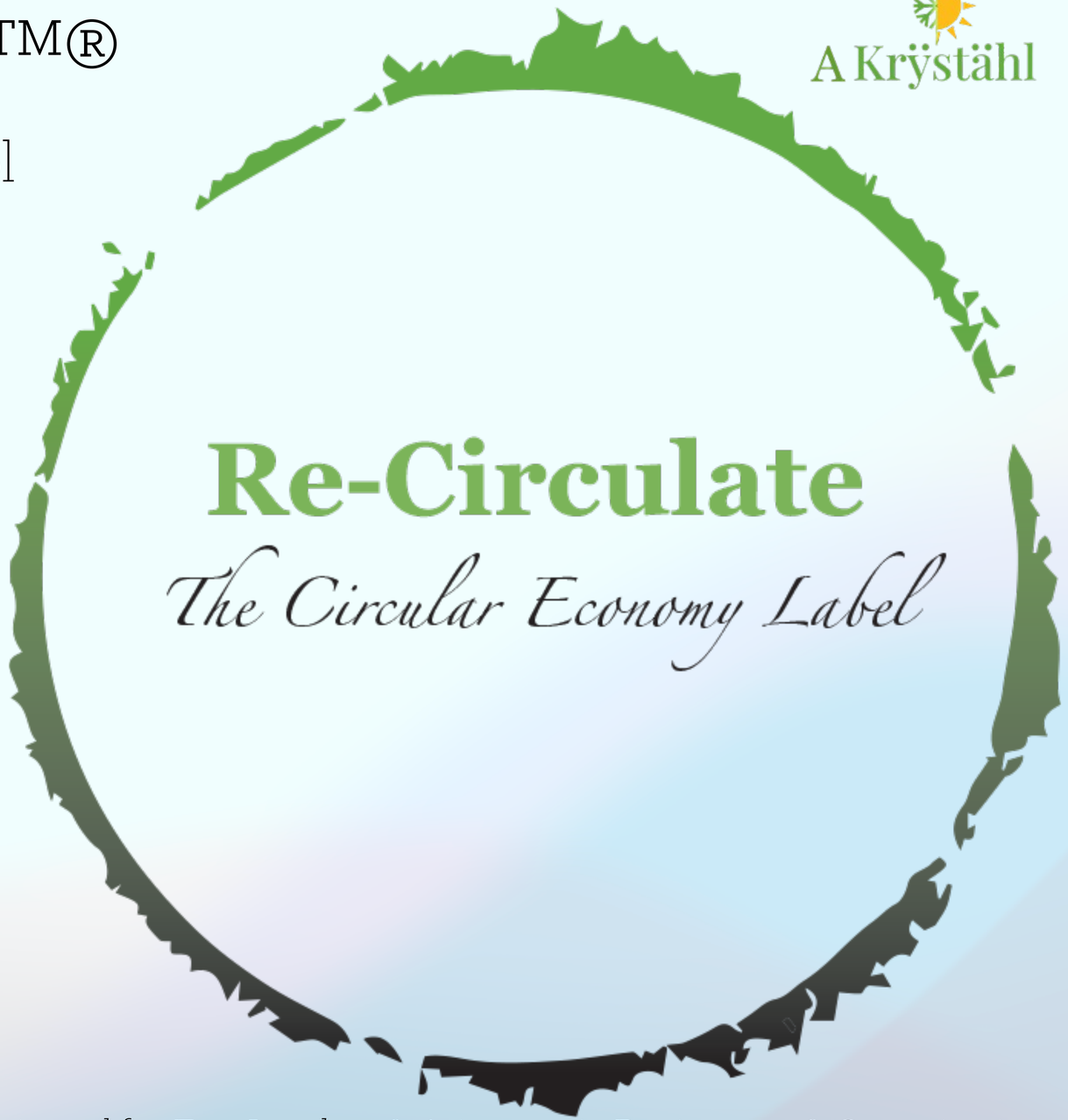
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# Own Re-Circulate™®

## Your Own Circularity Status Symbol

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- Assess the Circularity Level
- Improvise & Get Certified
- More Aspiring Organisation can walk <u>one</u> step further, with *Re-Circulate,* to get registered & gain ISO or any more Certifications.
- **Participate & Get AWARDED at a national event in FY 2027 & every year, in future,** *(Launching Nationwide very soon)*
- **Include Re-Circulate Certification in your Annual ESG Report (**BRSR).




*Designed for Eco-Leaders & Aristocratic Businesses & Organisations*

# Re-Circulate™®, *A Patented Digital Standard*

## *Designed By;*

- Oxford University, UK
- Columbia University, USA
- Humboldt University
- XLRI Alumni
- ISB Alumni Team Members

## *Vetted By;*

- Members of International Alliance for Circular Economy and Sustainable Development Goals (IAoCE&SDGs)
- Fulbright Association members
- Chevening Alumni Association Members

## *Endorsed By;*

- Retail Brands from Australia
- Retail Brands from UK
- Retail Brands from New Zealand
- Property Brands from Australia

*ICE & SDGs works in close collaboration with IIT Kanpur, contributing to its technical and sustainability research initiatives.*

*ICE&SDG's team members serve as expert consultants across 9 countries, providing specialized knowledge in ESG Reporting & Compliance, GHG Accounting & Inventorization, Carbon Neutrality, and Circular Economy.*

# Connect

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Global Institute for Circular Economy and Sustainable Development Goals, India

- URL (India): www.ce-sdg.org

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- URL (Aus): www.krystahl.com

- Online ESG Reporting PaaS: www.krystahlESG.Cloud
- EMAIL: connect@ce-sdg.org
- Insta: https://www.instagram.com/krystahl007/
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