

THE PROBLEM OF EWASTE

INTRO(BACKGROUND: WHAT IS EWASRE?)

E-waste: any electrical equipments that's been discarded such as smartphones, computers, etc.



←Medals of 2020 Tokyo Olympics (Waste is used)

QUESTION/PROBLEM:

- 1, What's the background of low recycling rate?
- 2, Are there any good ways to reduce ewaste ?

RESULTS

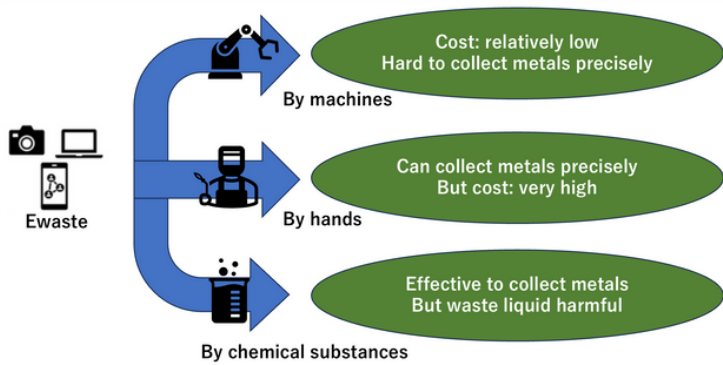


Fig. 2) recycling process model

Fig.1) EWASTE recycling rate

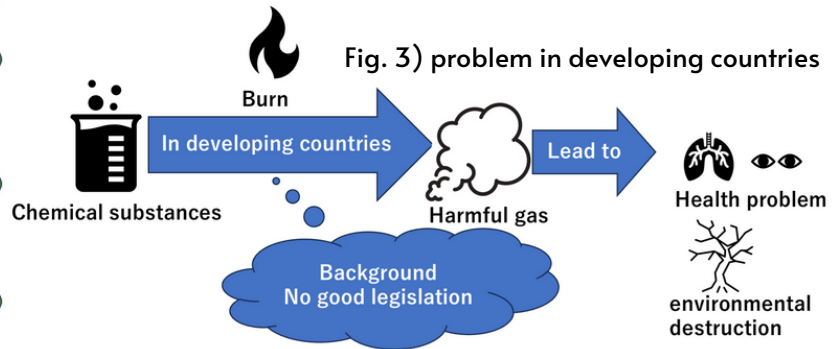
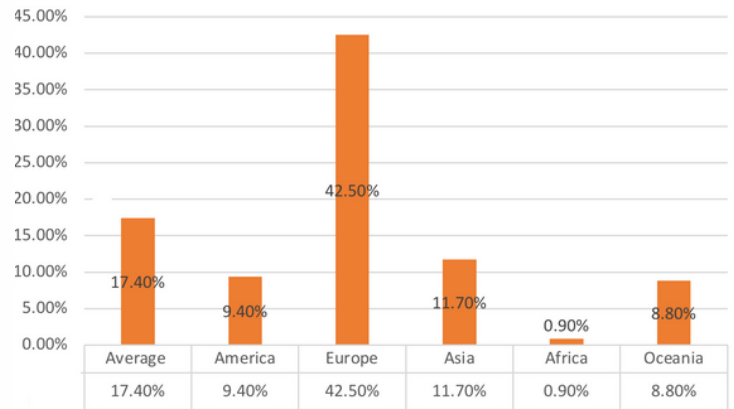
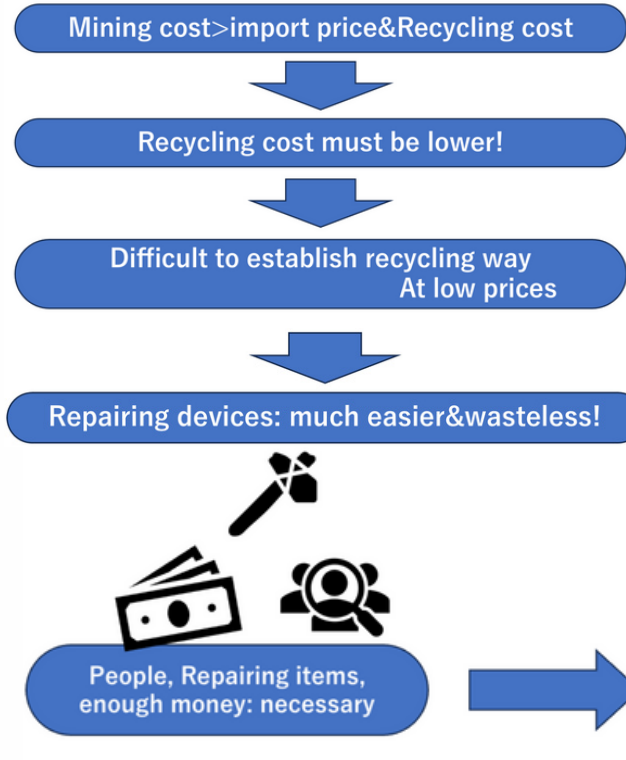


Fig. 3) problem in developing countries

Name	import	by machine	by hand
Al	¥ 35/g	¥ 86/g	¥ 132/g
Zn	¥ 121/g	¥ 172/g	¥ 263/g
Nd	¥ 3579/g	Can't extract	¥ 6679/g

CONCLUSION • FUTURE PROSPECTS:



Ideal repairing system



REFERENCES :

- Latest Global E-Waste Statistics And What They Tell Us(<https://theroundup.org/global-e-waste-statistics/>)
- Ministry of the Environment(Concept of Cost-Benefit Analysis of Recycling(<https://www.env.go.jp/council/former2013/03haiki/y0324-02/mat04.pdf>))