



# Metal reclamation

## 1) Model case

1. Scrap sent from a plant where scrap contained with minor metals occur.



2. Scrap received by us.



3. Refined to 4N or higher grade metals or oxides and return to the plant. (purchase of metal contained scrap is also offered).

## 2) Scrap for reclamation (example)

Scrap (example) to reclaim	Metal to reclaim (Form after refinement at NRM)
ITO Target scrap	Indium (Ingot or granules)
Cu/Ga target scrap	Ga metal (in bottle) or $Ga_2O_3$ (powder)
CIG/CIGS scrap	In (ingot, granules), Ga (in bottle), $Ga_2O_3$ (powder), Se (granule, bulk)
IGZO target scrap	In (Ingot, granules), Ga and $Ga_2O_3$