

Recycling is (ought to be) a multi-material endeavor

- **Thematic Areas/Technology/Topic of focus + key elements of the idea/problem:**
Secondary Raw Materials (SRM), extracted from End-of-Life (EoL) goods, contain a few (1-3) major materials and many minor ones. Minor materials in SRM are usually not recycled - contrary to Primary RM (PRM) (cf. the *metals wheel*). How to change this?
- **Expected synergies and complementarities:**
Recyclers (*practical separation & scavenging of minor & major materials*), materials producers (*access to purer SRM*), ecodesigners (*feasibility depends on their design!*), MFA & LCA practitioners (*they provide the metrics for tracking the expectations & achievements of the project*)
- **Outcomes:**
separation of minor & major flows, reduction of the dissipation of minor materials, more consistent SRM, co-recycling (e.g. steel & manganese). Recovery of "rare" elements?
- **Market & Business opportunities:**
This would increase the market share of SRM and reduce the dependency on PRM
- **Partners already identified:**
Steel, aluminum and titanium producers, etc.
- **Wanted additional partners:**
MFA experts, other materials producers, recyclers