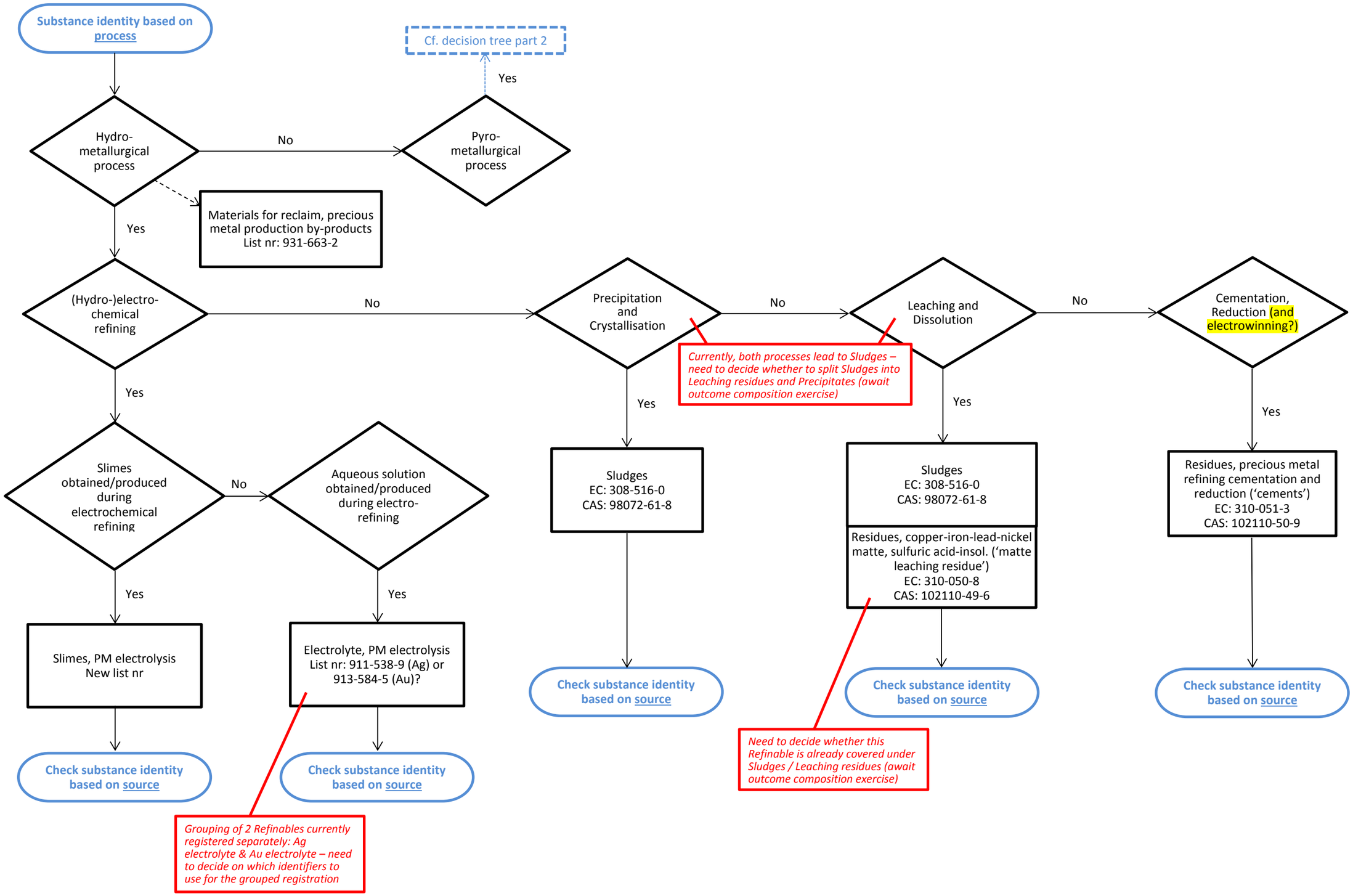
Substance identity based on process
Cf. decision tree part 2
Yes
Hydro-metallurgical process
No
Pyro-metallurgical process
Materials for reclaim, precious metal production by-products
List nr: 931-663-2
Yes
(Hydro-)electro-chemical refining
No
Precipitation and Crystallisation
No
Leaching and Dissolution
No
Cementation, Reduction (and electrowinning?)
Currently, both processes lead to Sludges – need to decide whether to split Sludges into Leaching residues and Precipitates (await outcome composition exercise)
Yes
Yes
Yes
Slimes obtained/produced during electrochemical refining
No
Aqueous solution obtained/produced during electro-refining
Sludges
EC: 308-516-0
CAS: 98072-61-8
Sludges
EC: 308-516-0
CAS: 98072-61-8
Residues, copper-iron-lead-nickel matte, sulfuric acid-insol. ('matte leaching residue')
EC: 310-050-8
CAS: 102110-49-6
Residues, precious metal refining cementation and reduction ('cements')
EC: 310-051-3
CAS: 102110-50-9
Yes
Yes
Slimes, PM electrolysis
New list nr
Electrolyte, PM electrolysis
List nr: 911-538-9 (Ag) or 913-584-5 (Au)?
Check substance identity based on source
Check substance identity based on source
Check substance identity based on source
Check substance identity based on source
Check substance identity based on source
Need to decide whether this Refinable is already covered under Sludges / Leaching residues (await outcome composition exercise)
Grouping of 2 Refinables currently registered separately: Ag electrolyte & Au electrolyte – need to decide on which identifiers to use for the grouped registration