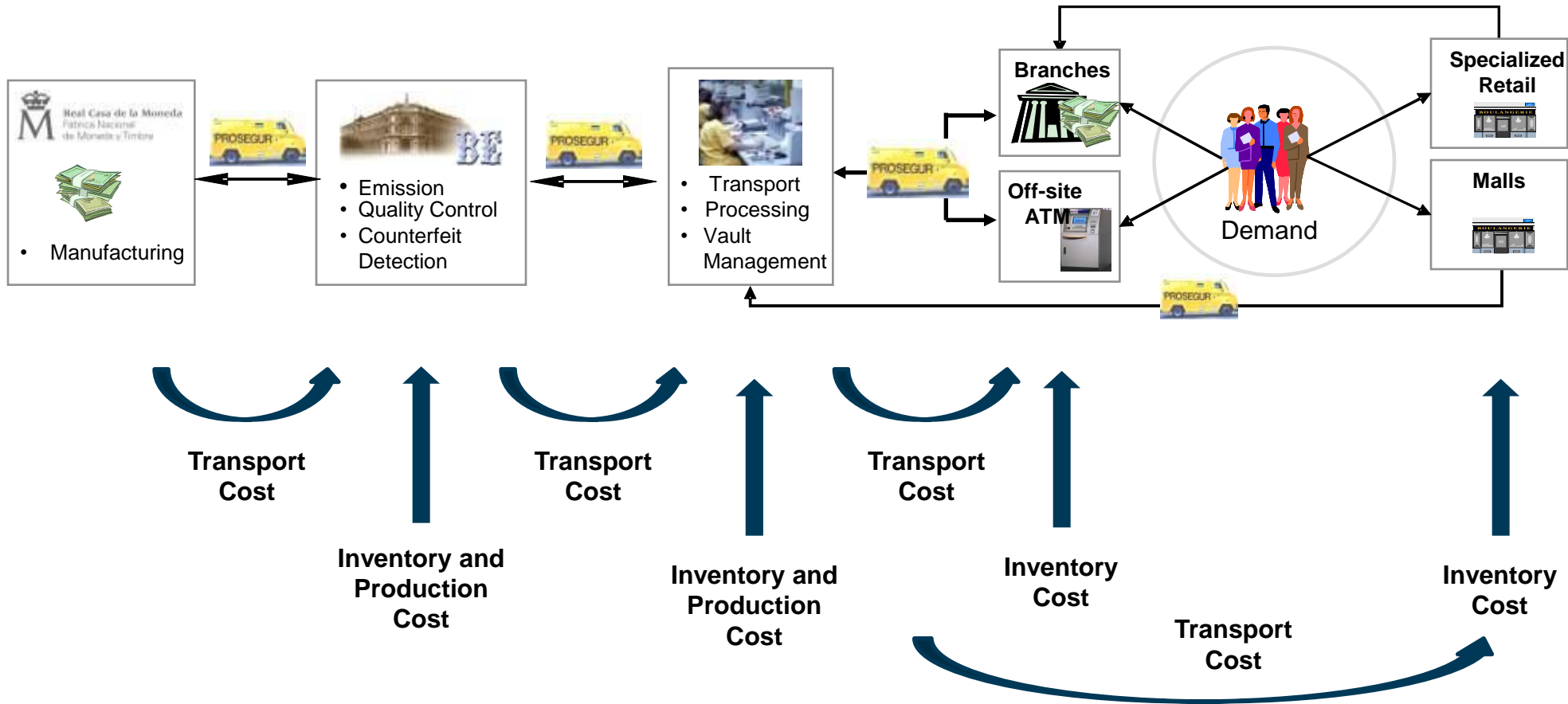


Is there a need for Standardization?

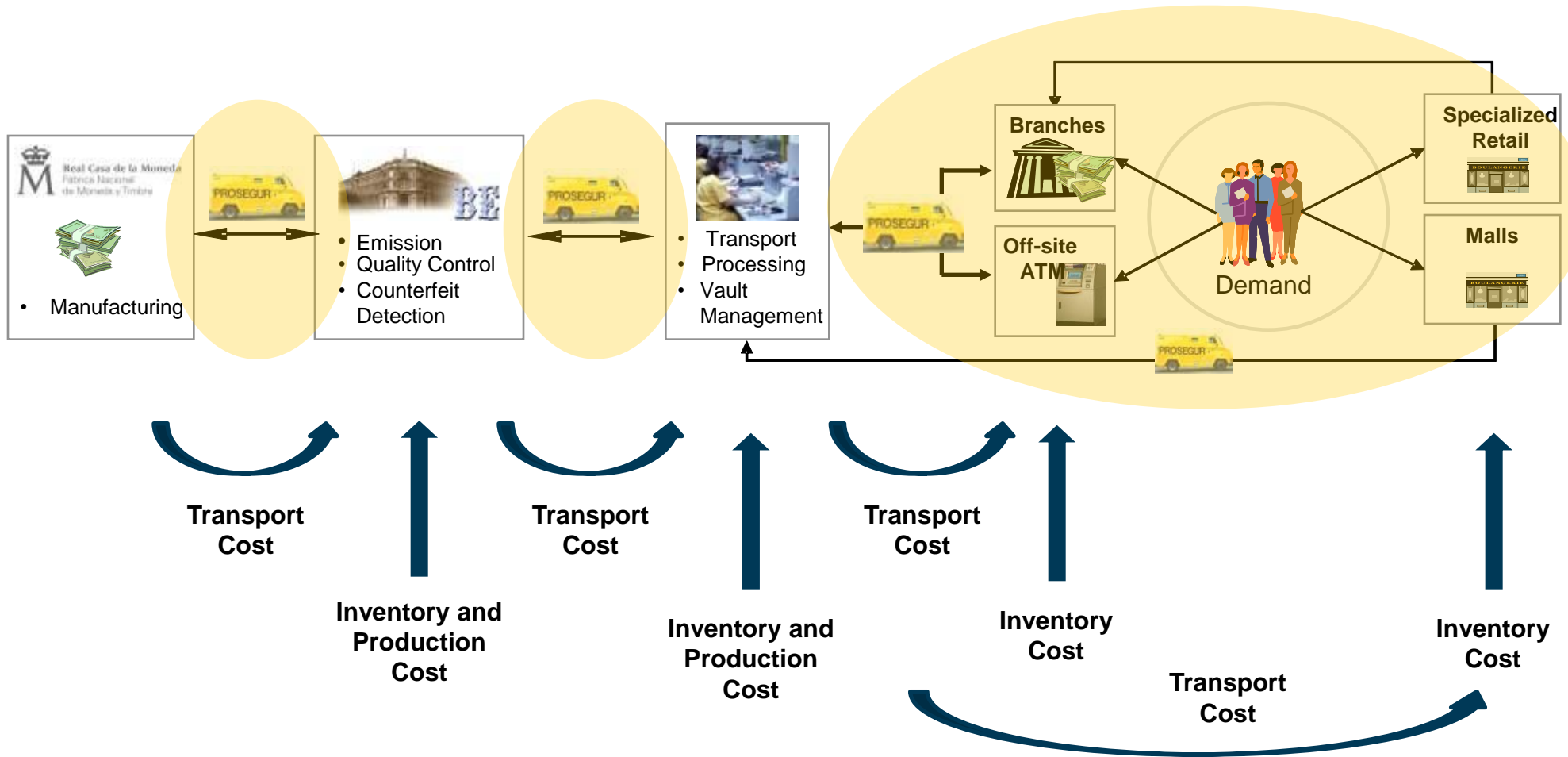
Palma de Mallorca – 23th of May 2011

Cash Supply Chain Management



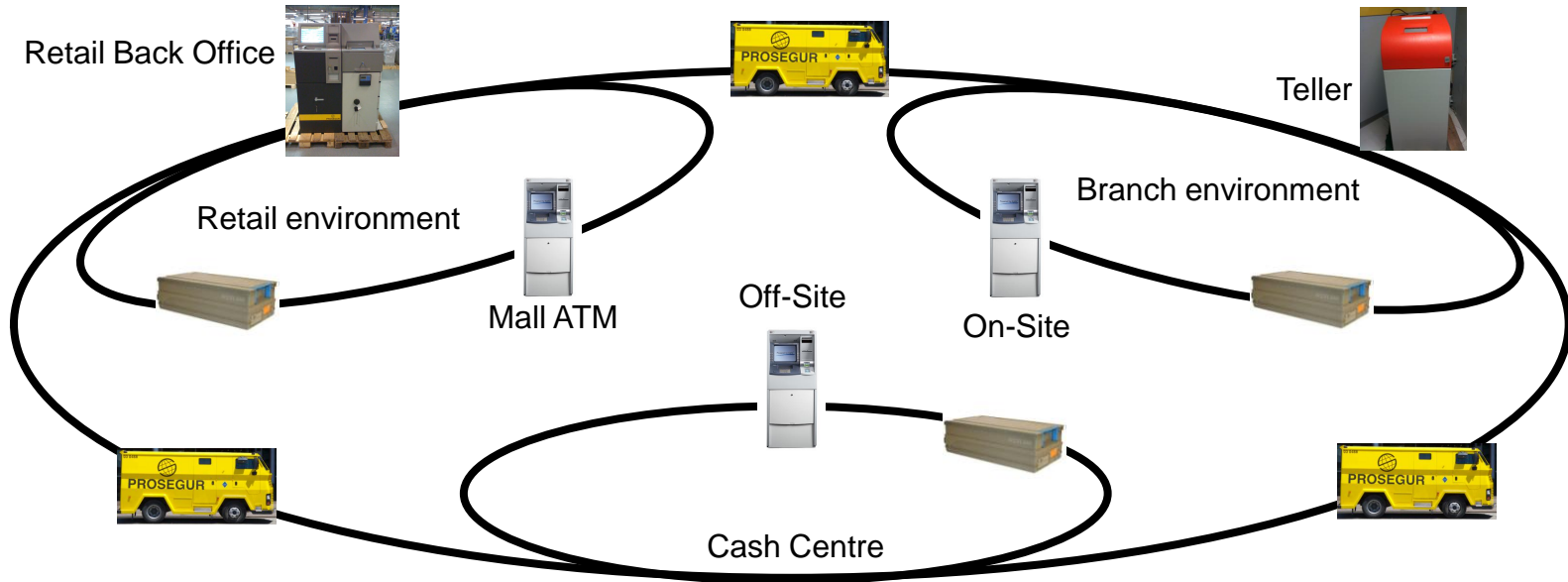
There's something funny about cash, every time it changes hands it needs to be counted again (and often twice)

Opportunities for Standardization

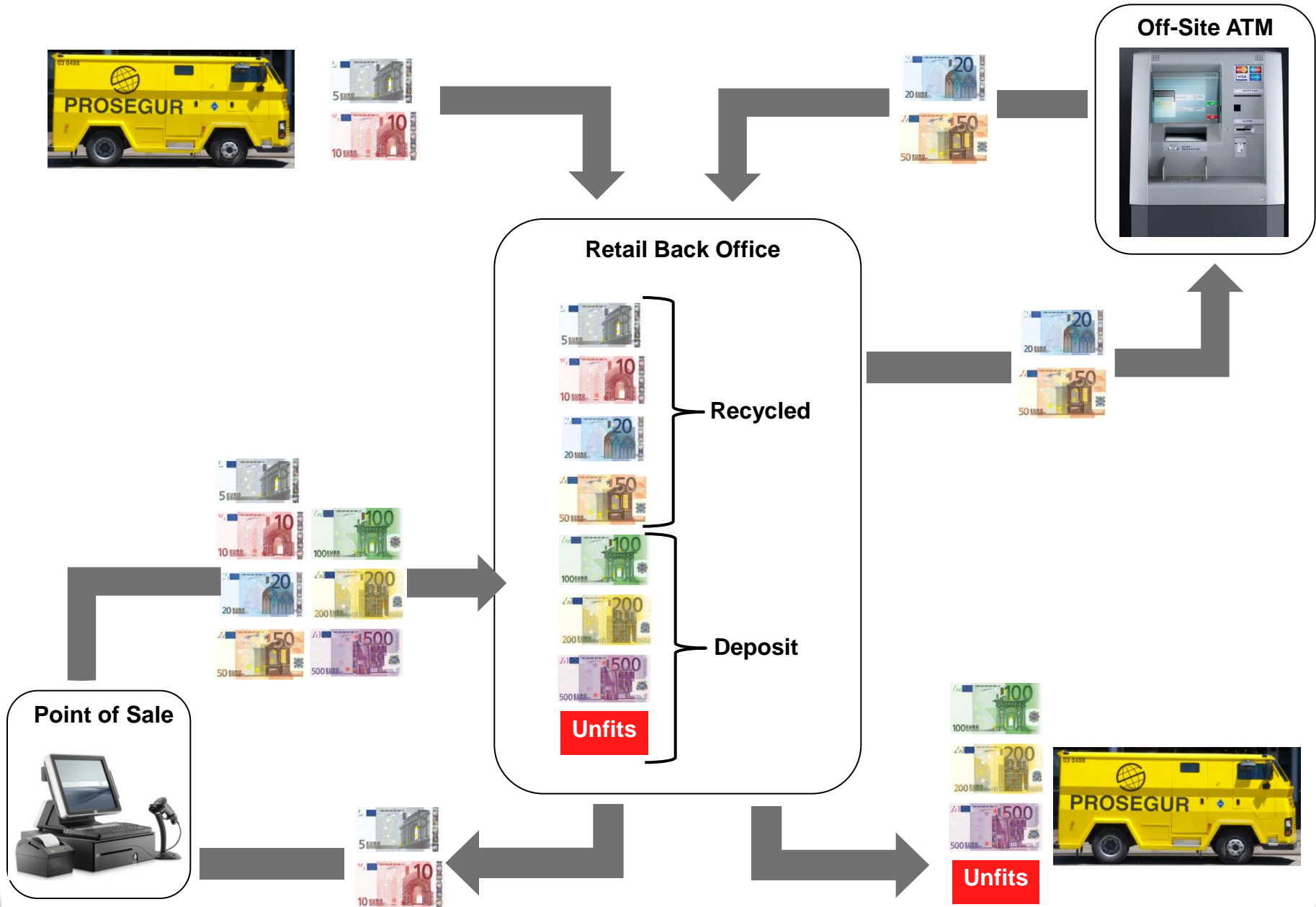


There's something funny about cash, every time it changes hands it needs to be counted again (and often twice)

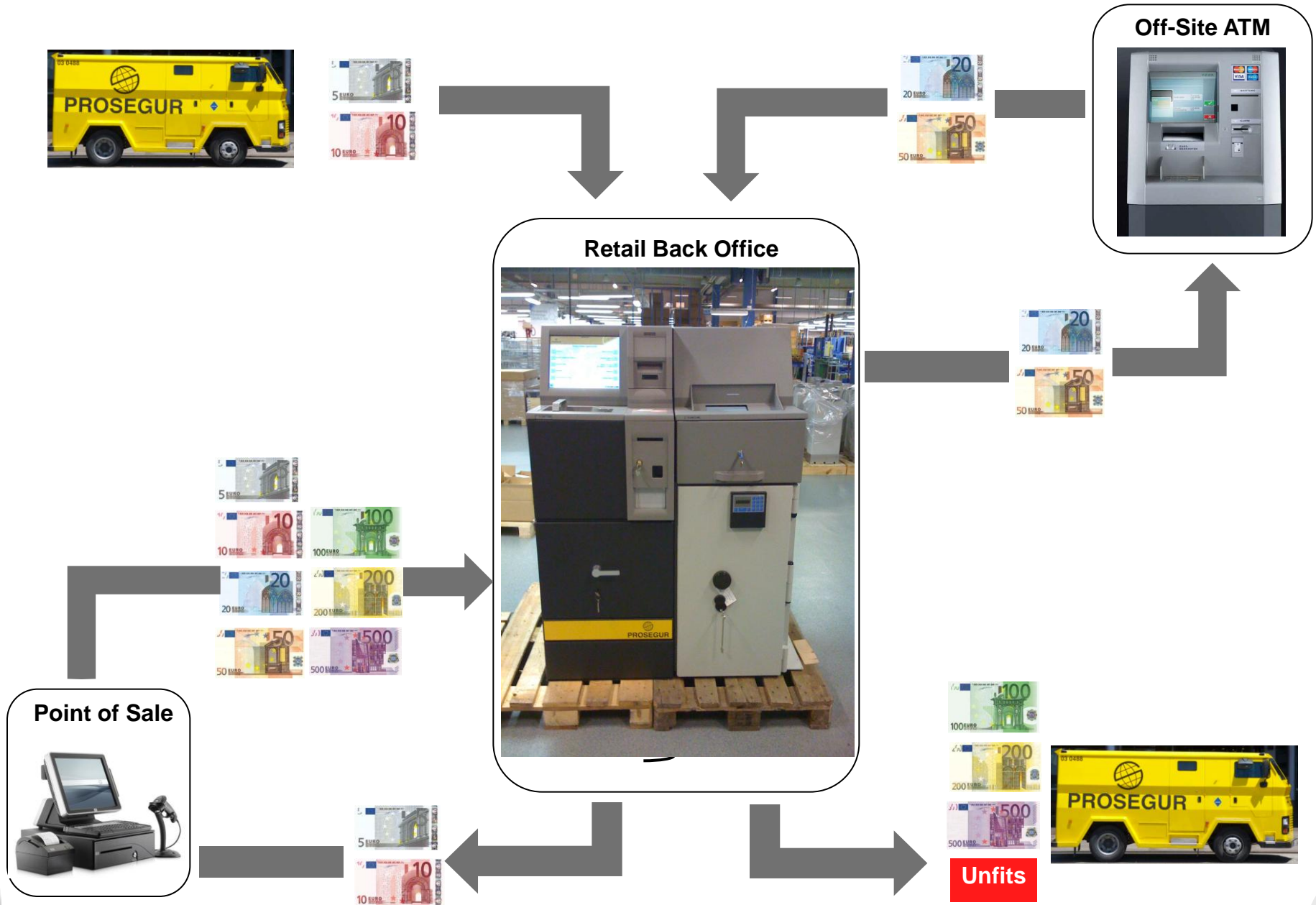
Closed Cash Loops based on the Hitachi Recycler



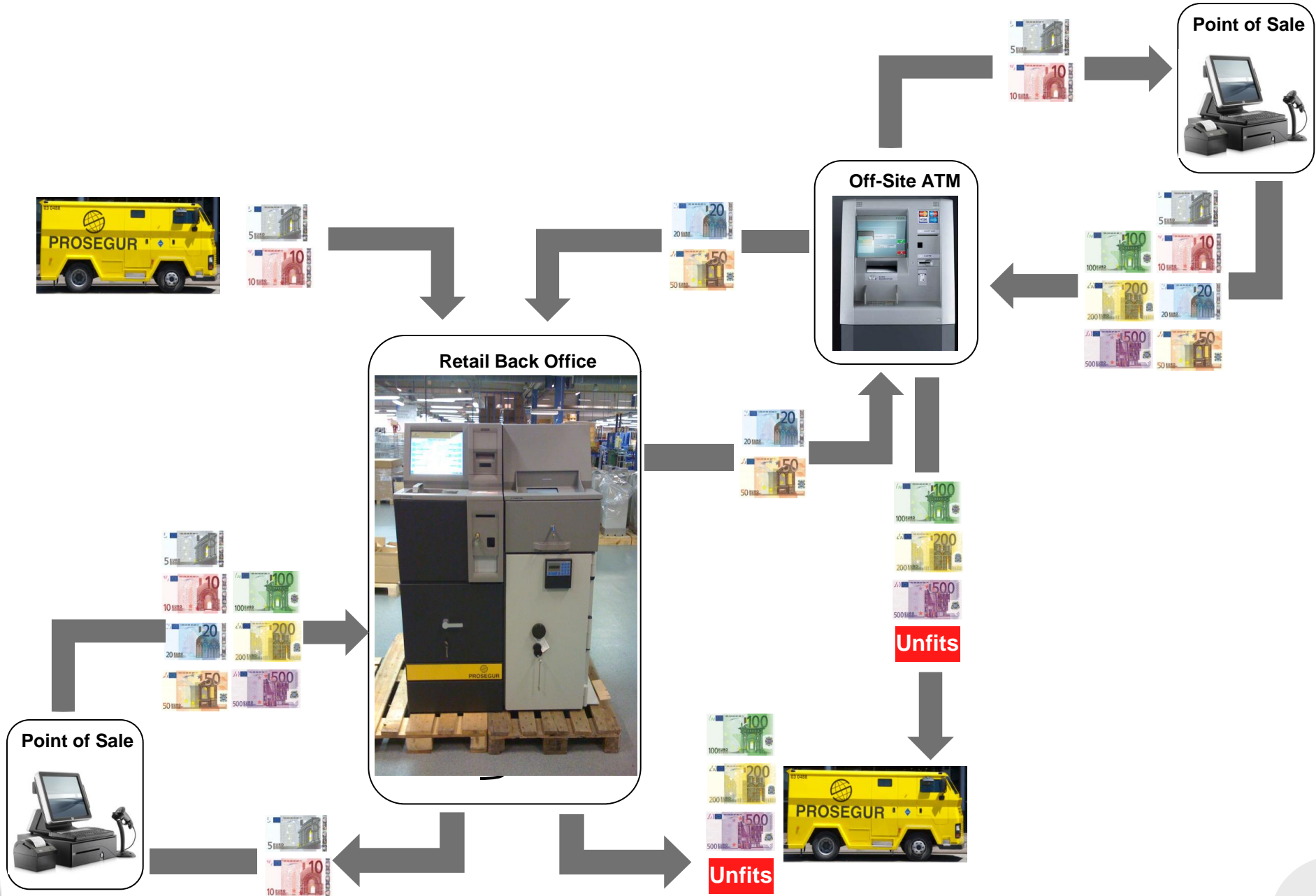
A possible Replenishment Scenario in a shopping mall



A possible Replenishment Scenario in a shopping mall



Which could be extended to smaller retailers in the mall



This looks like an ideal scenario, but:

- 1. What happens is the notes flow goes out of balance?**
- 2. Who decides which cassette goes where?**
- 3. How do we avoid switching transaction fees?**
- 4. Who is the owner of the money in every moment?**
- 5. What if the retailer wants to change it's bank relation (or CIT) ?**
- 6. Can coins also be solved this way?**

And can we include the central bank in the loop?

