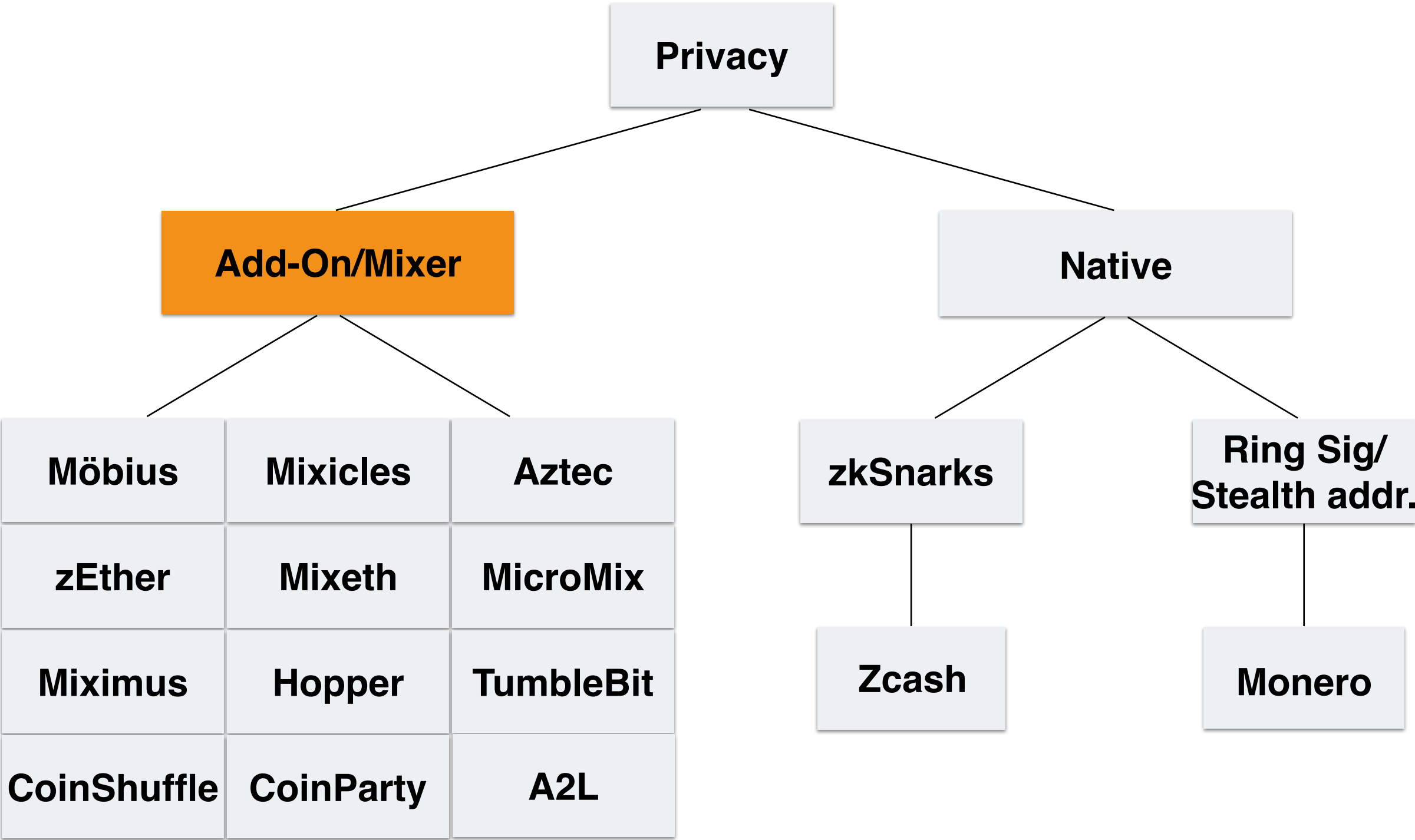


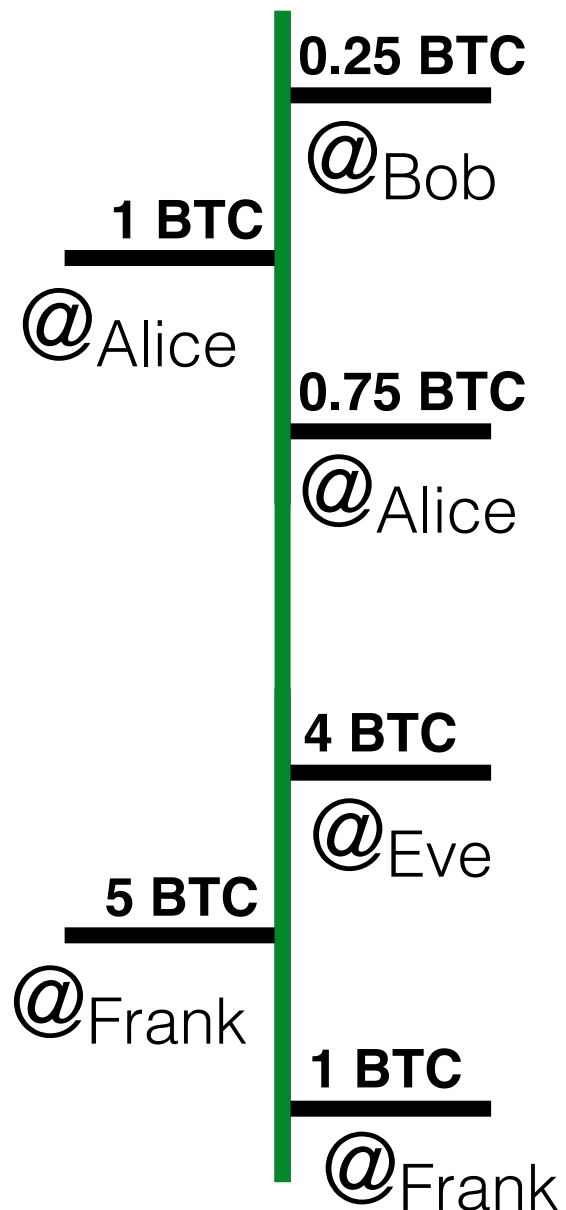


**Blockchain Privacy
Add-on/Mixer Privacy**

Blockchain Privacy Solutions



CoinJoin



Transaction

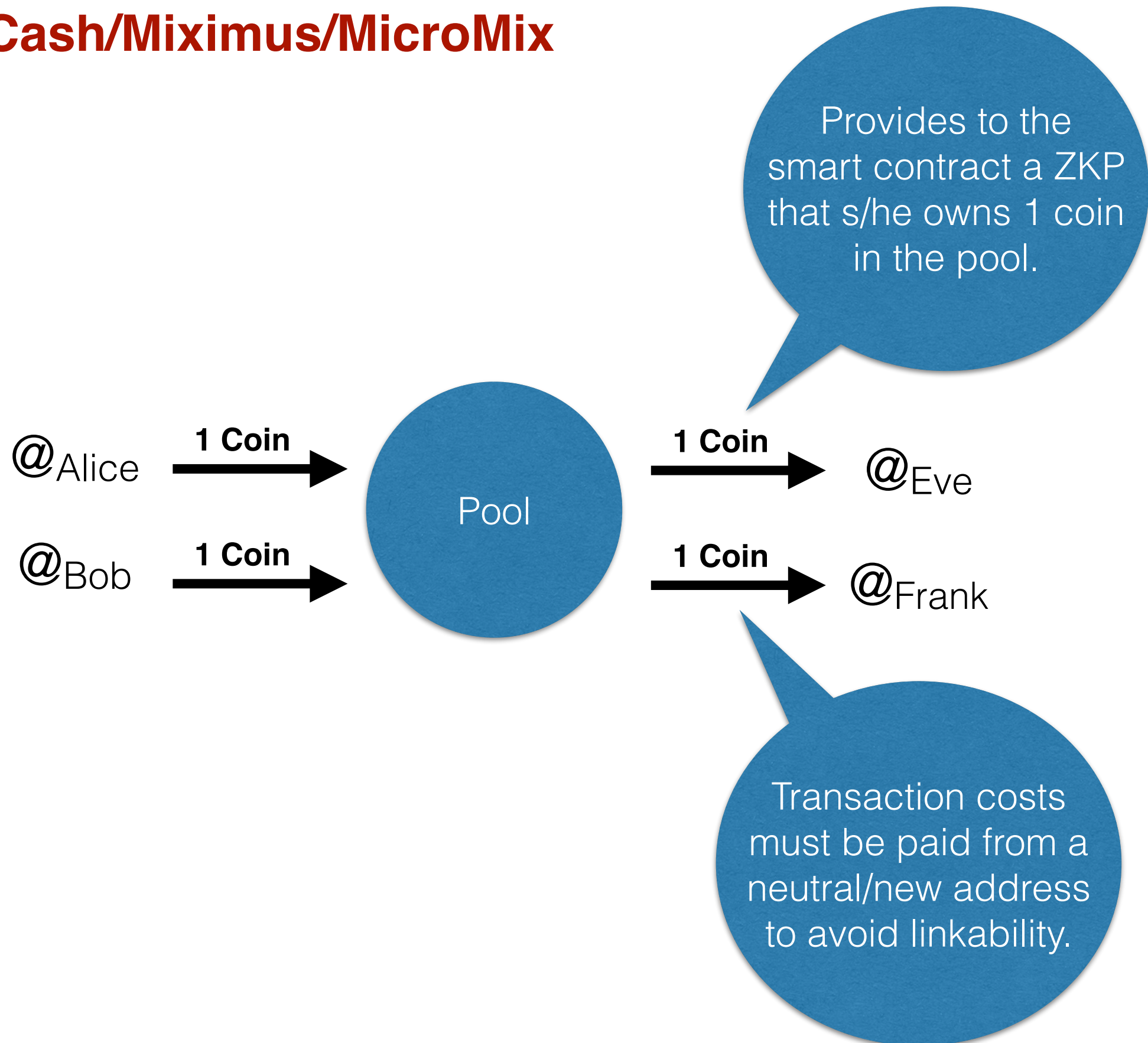
Advantages 👍

- Hides the originator of a transaction

Drawbacks 👎

- Need for a *trusted third party* to merge the transactions
- No “spontaneous” mixing
- Doesn't hide amounts
- “Small” anonymity set

Tornado Cash/Miximus/MicroMix



Tornado Cash/Miximus/MicroMix

Advantages 👍

- Hides the originator of a transaction
- Increasing anonymity set
(as long as not everyone withdraws)
- No coordination among users

Drawbacks 🙅

- Need for fresh coins to withdraw **or** a third party relayer
- Non user-friendly amounts

