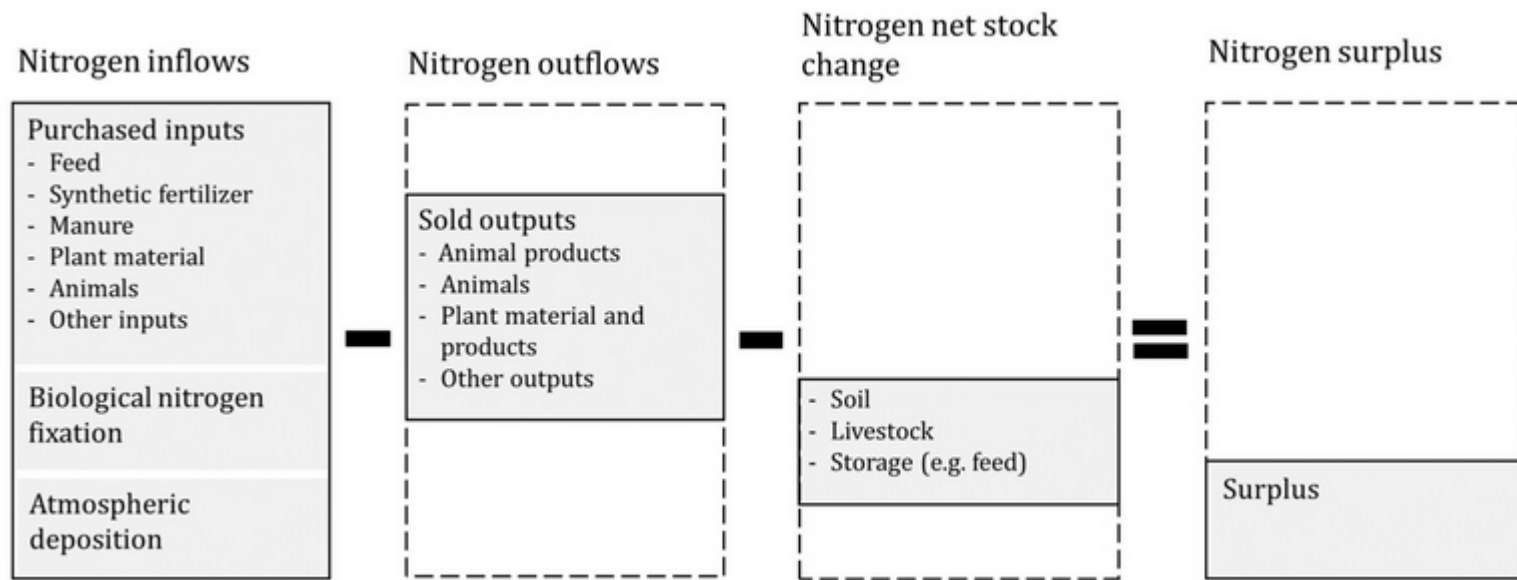


Accountable Material Balance

11 -4-2022 for circular@WUR by www.smartfertilization.org

an advanced policy instrument to achieve 0-emission in high input precision agriculture, demonstrated here for Nitrogen flows in dairy farming



1 Calculate:

The average surplus for all dairy farmers in a region or country

2 Reward financially :

Those who report a lower surplus than the average

3 Impose a levy for:

Those who report a higher surplus than the average

4 Include all available data from all types of sources:

Such as financial data, data from machinery and data from sensors in the stable and the field.

5 Take advantage of modern Information and Computer Technology:

For fraud-proof data processing and exchange

