

# LANDMARK

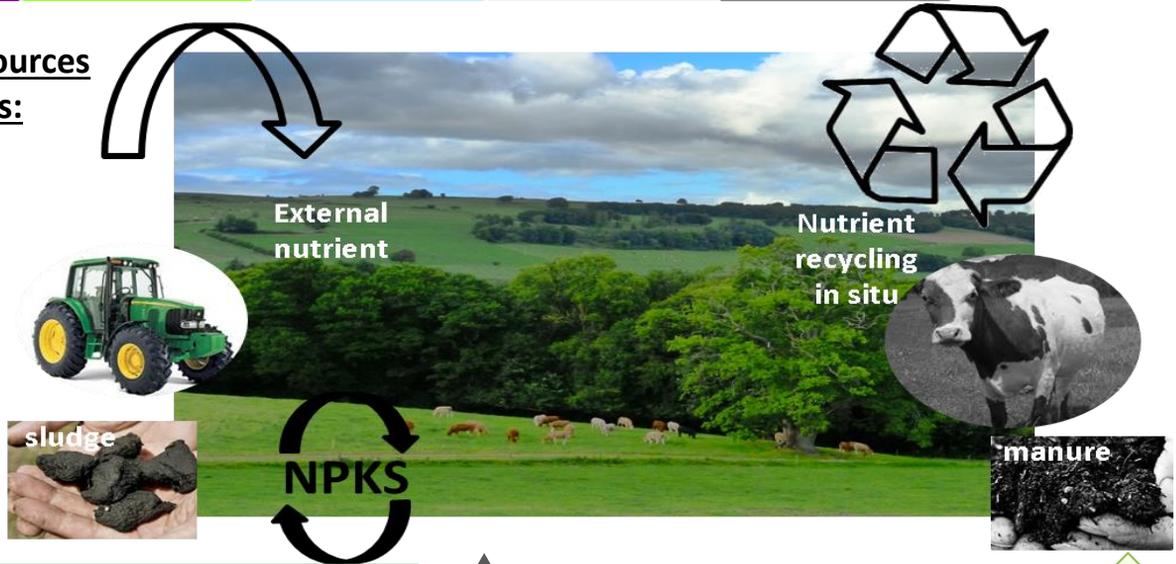
LAND MANAGEMENT: ASSESSMENT, RESEARCH, KNOWLEDGE BASE

## Nutrient cycling and provision



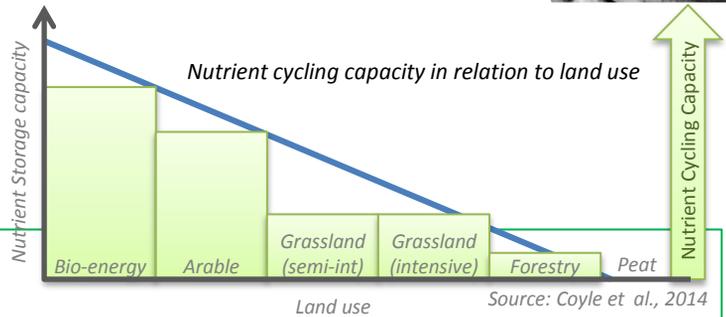
The capacity of a soil to receive nutrients in the form of by-products, to provide nutrients from intrinsic resources or to support the acquisition of nutrients from air or water, and to effectively carry over these nutrients into harvested crops.

### Principal sources of nutrients:



### Soils perform the key function of:

Providing sustainable home for external nutrients. Different land uses differ in their capacity to perform this function.

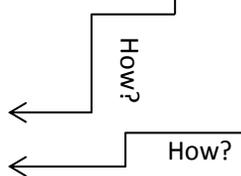


### The benefits of nutrients:

A soil rich in nutrients is a soil with good physical and chemical characteristics



Optimize nutrient management



Application of Best Management Practices:

- mineral and organic fertilization
- crop rotation
- minimal tillage
- treatment of livestock manure

improves all the other soil functions as a **supporting ecosystem service**