Sustainable manure and nutrient management for reduction of nutrient loss in the Baltic Sea Region

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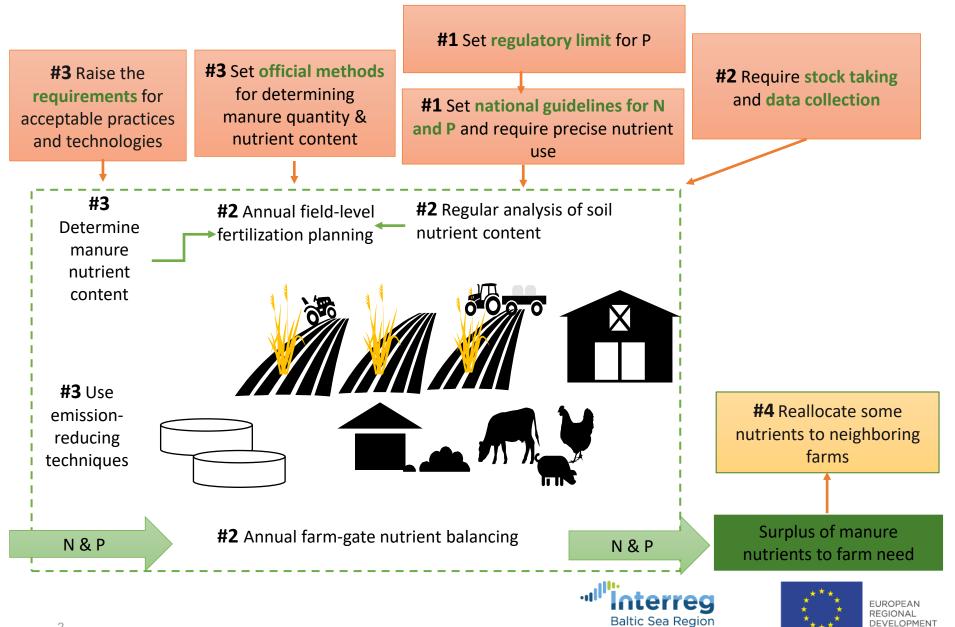
More information: www.balticsumanu.eu

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Farm level



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EUROPEAN UNION

Regional level

1 800 000

Fertilisation P (kg) Manure P (kg)

Surplus or deficiency P (kg)

-943 000 - -834 000

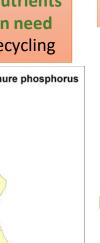
-833 000 - -638 000 -637 000 - -246 000 -245 000 - 96 800

96 900 - 233 000 234 000 - 918 000 919 000 - 2 120 000

Farm level

#4 Take account of national and regional supply of manure nutrients and compare to fertilization need to set targets for nutrient recycling

P fertilisation according to crop need and manure phosphorus



#1 Set regulatory limit for P **#2** Require **#3** Raise the #3 Set official methods stock taking for determining manure requirements for and data #1 Set national guidelines for N and quantity & nutrient acceptable practices collection content P and require precise nutrient use and technologies #2 Regular analysis of soil #2 Annual field-level #3 nutrient content fertilization planning Determine nutrient content #3 Use emissionreducing techniques #2 Annual farm-gate nutrient balancing N & P

#4 Reallocate excess manure nutrients as recycled fertilizer products via manure processing

If regional surplus of manure nutrients

nutrients to farm need

manure-based fertilizer products
#4 Support production of recycled

#4 Support use of recycled

manure-based fertilizer products
#5 Ensure safety of recycled

#5 Ensure safety of recycled manure-based fertilizer products

#4 Reallocate some nutrients to neighboring farms



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