Required data	Soil samples	
Data input type	Semi-quantitative	
Data collection frequency	Annually	
Level of expertise required	High	
Synergies with other indicators	Indicators related to soil fertility (soil available nutrients, texture and structure)	
Connection with SDGs	2	
Opportunities for participatory data collection		
Additional information		
References	 <u>https://www.thoughtco.com/all-about-the-nutrient-cycle-373411</u> Parkin, T.B., Doran, J.W. and Franco-Vizcaino, E. (1996) Field and laboratory tests of soil respiration. in: Doran, J.W. and Jones, A.J. (eds) Methods for Assessing Soil Quality, Soil Science Society of America, Special Publication no. 49, Madison, Wisconsin. Pankhurst C., Gupta V.V.S.R. (1997), <i>Biological Indicators of Soil</i> <i>Health</i>. CAB International 	

10.15 Equivalent used soil

Project Name: proGIreg (Grant Agreement no. 776528)

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Equivalent used soil		Biodiversity
Description and justification	This is an indicator of the am- saved thanks to the soil produ- main constituent of organic su ornamental plat cultivation. In recognition of the ecosystem peatlands, the supply of peat producing suitable soil for cul will go in the direction to find peat.	ount of soil (mainly peat) uced by the NBS. Peat is the ubstrates typically used for n recent years, due to a service provision potential of has reduced. The NBS, tivating ornamental plant, new materials to replace

Total amount of peat saved by using the soil regeneration procedures proposed within the NBS		
A strength of this indicator is that it obtains important information by simply using a substitutional approach. On the other hand, a strong limitation is that it will be case specific.		
The indicator is obtained using a substitutional approach: amount of m ³ soil produced by NBS equal amount of m ³ peat saved.		
NBS Level		
Records of the amount of soil produced		
Discrete variables		
During all the implementation, in order to have a final total value of the amount of soil produced		
Low		
This indicator is related to other indicators of environmental benefit		
Sustainable consumption and production: The implementation of nature-based solutions contributes to "doing more and better with less," net welfare gains from economic activities can increase by reducing resource use, degradation and pollution along the whole life cycle.		
Additional information		
Chapman, Steve, et al. "Exploitation of northern peatlands and biodiversity maintenance: a conflict between economy and ecology." Frontiers in Ecology and the Environment 1.10 (2003): 525-532.		