

Activities within the BESOLAN network

Kristof Tirez, VITO

7th Meeting of the
**Global Soil
Laboratory
Network**
(GLOSOLAN)



GLOSOLAN
GLOBAL SOIL LABORATORY NETWORK

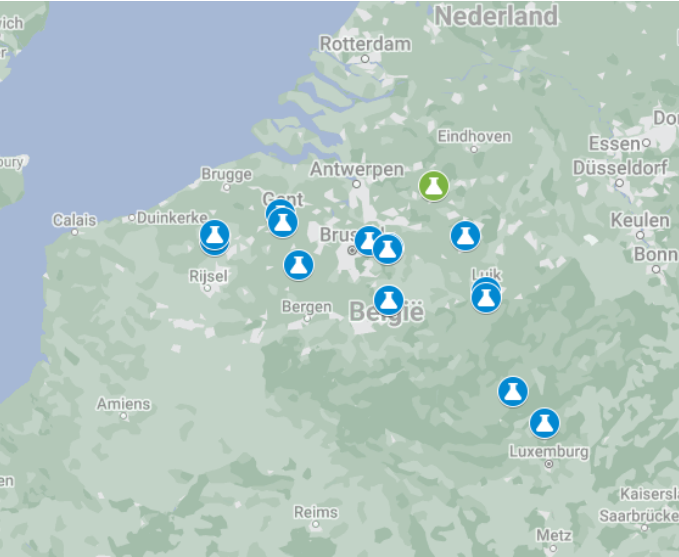
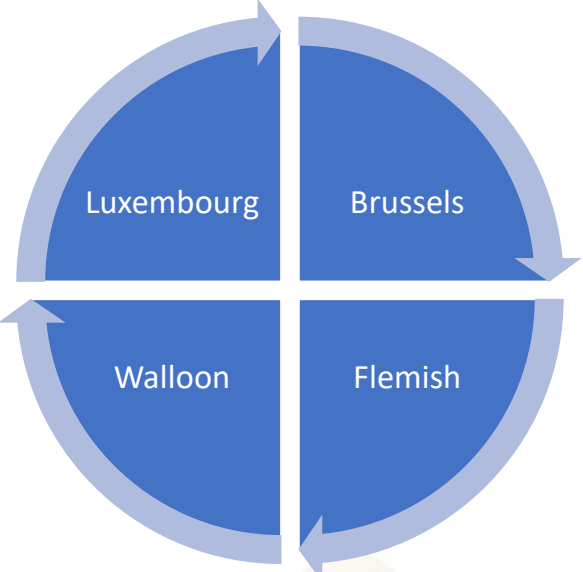
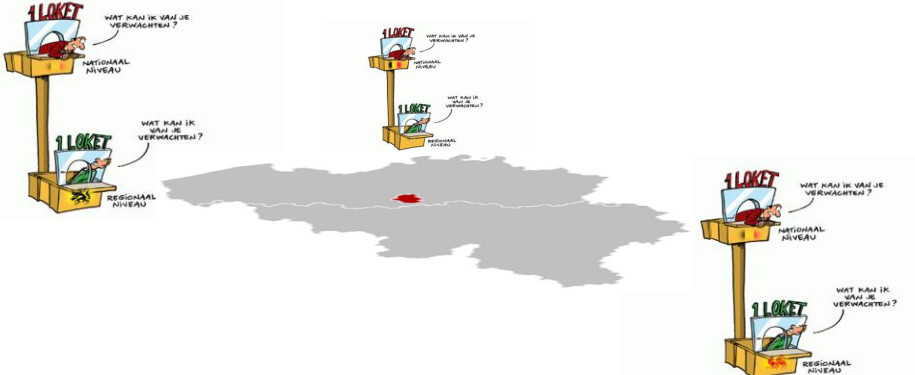


BESOLAN

- Step 1 : Identify coordinators / regional reference laboratories and create webpage (BESOLAN)
- Step 2 : Identify the actors (Belgian soil experts) and invite for registration in GLOSOLAN (21/03/2022)
- Step 3 : Inventory of methods for chemical, physical and biological parameters, parameters/methods versus laboratories, who does what ?
- Step 4 : Exchange of information through webinars

BESOLAN

- The Belgian soil laboratory network launched in 2022 and upgraded in 2023 to BESOLAN “de Luxe” (including Luxembourg), 19 members

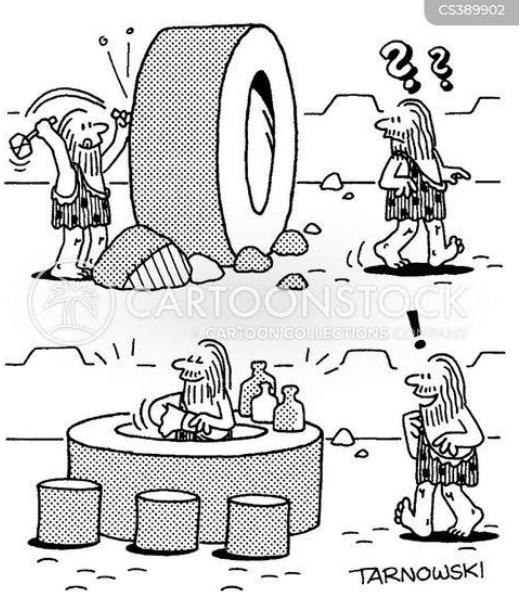
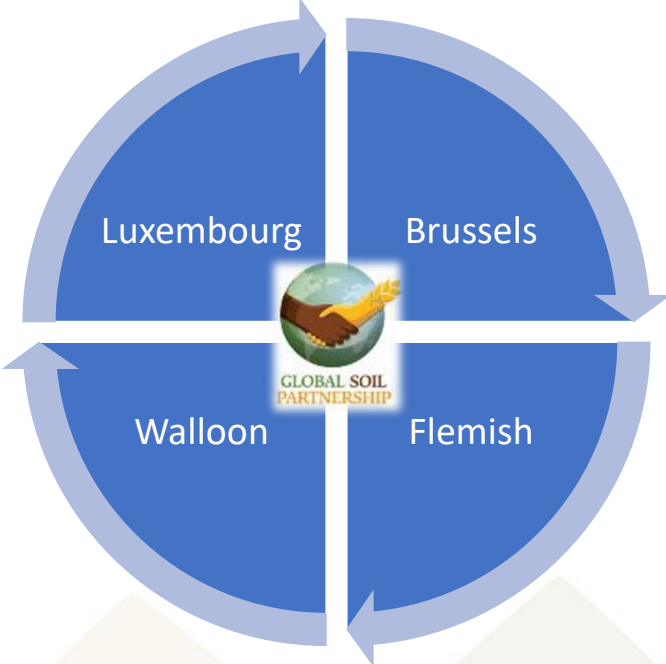


7th Meeting of the **Global Soil Laboratory Network (GLOSOLAN)** | 21-23 November 2023



BESOLAN

- Facilitate exchange of information between soil experts in Belgium and Luxembourg – “**think globally, act locally**”



Teams
BESOLAN
General
Contact - information
GLOSOLAN Best Practice Manual - SOP revi...
Inventory of methods - questionnaire



activities



Soil organic carbon monitoring in the Brussels-Capital, Flanders and Walloon Region (Belgium) and Luxembourg

Zoom platform, 20th June 2023

This first webinar will be related to "soil organic carbon map" and is intended to be an acquaintance with different experts operating in the Brussels, Flemish, Luxembourg and Walloon Regions on the topic of soil organic carbon monitoring, as well as to enable exchange of information on technical aspects/issues of monitoring soil organic carbon (covering sampling, sample pre-treatment and determination) aimed at detecting soil organic carbon (SOC) concentration and stock changes.

[Learn More](#)

190 participants



Launch event of BESOLAN |Online

Zoom platform, March 21, 2022

Introduction to Global Soil Partnership (GSP), the Global Soil Laboratory Network (GLOSOLAN), the Europe and Eurasia Laboratory Network (EUROSOLAN), and the Belgian Soil Laboratory Network (BESOLAN). Topics covered included the Standardization of Physical Soil Measurement Protocols (SoPhie), Soil Spectroscopy and how to register to GLOSOLAN and BESOLAN. BESOLAN launch event highlight.

[Learn More](#)

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Future activity



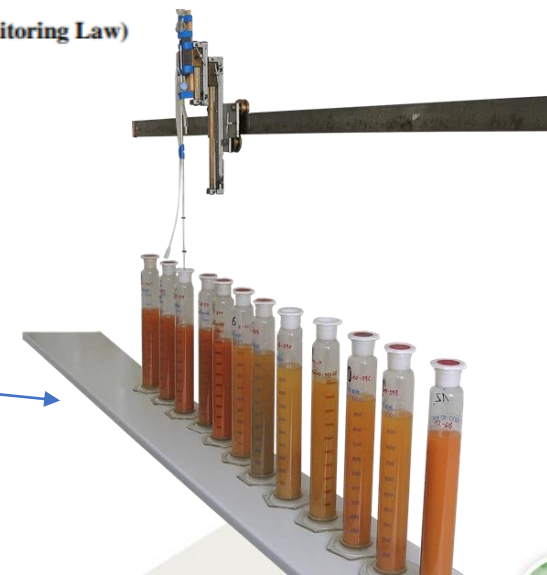
Brussels, 5.7.2023
COM(2023) 416 final
2023/0232 (COD)

Proposal for a

DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

on Soil Monitoring and Resilience (Soil Monitoring Law)

Loss of soil organic carbon	Soil Organic Carbon (SOC) concentration (g per kg)	- For organic soils: respect targets set for such soils at national level in accordance with Article 4.1, 4.2, 9.4 of Regulation (EU) .../... ⁷	No exclusion
		- For mineral soils: SOC/Clay ratio > 1/13; Member States may apply a corrective factor where specific soil types or climatic conditions justify it, taking into account the actual SOC content in permanent grasslands.	Non- managed soils in natural land areas



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Food and Agriculture
Organization of the
United Nations

Thanks

GLOSOLAN

GLOBAL SOIL LABORATORY NETWORK

Avec le soutien de la



Wallonie



DEPARTEMENT
OMGEVING



Wallonie
agriculture
SPW

VLAAMSE
LAND
MAATSCHAPPIJ



Vlaanderen
is open ruimte

SAMEN MAKEN WE
MORGEN MOOIER

OVAM



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de 'Agriculture, de la Viticulture
et du Développement rural



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LIÈGE université
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vito



GLOBAL SOIL
PARTNERSHIP