

The GSP Action Framework

from promotion to consolidation

The Action Framework was adopted by the 10th GSP Plenary Assembly and endorsed by the 28th Session of the COAG (2022).

Quantifiable Goals, Targets and Indicators

GSP AF has a clear ambition shared by all **GSP members** and partners, with the establishment of quantifiable goals, targets and indicators that will allow for the evaluation of the progress that the GSP is making towards its vision of healthy soils.



The GSP Action Framework



Structured Approach

The GSP Action Framework organizes

past and future work of the Global Soil

Partnership (GSP) in a structured

manner.

Measurable Assessment

It incorporates **quantifiable indicators** to assess the effectiveness of GSP's soil management and conservation initiatives.

Tracking with KPIs

The framework establishes Key
Performance Indicators (KPIs) to
monitor progress and ensure
accountability for the impact of GSP's
activities.

Outcome Monitoring

The framework includes a monitoring component to track outcomes and provide valuable insights for decision-making and resource allocation.

Strategic and Sustainable

GSP's work aligns with SDGs, catalyzing meaningful change in sustainable soil management worldwide.





GSP Action Framework States:

- The progress of the GSP Action Framework will be monitored and measured through **SoilSTAT**.
- A Global Soil Health Index (GSHI) is to be developed.
- This crucial task is being carried out by a dedicated working group (ISAF WG).





Indicator System for the GSP Action Framework (ISAF)—open call





Call for a Working Group to develop the Indicator System of the GSP Action Framework (ISAF)

Background

In May 2022, the 10th GSP Plenary Assembly (PA) adopted the new GSP Action Framework 2022–2030 that was endorsed by the 28th Session of the FAO Committee on Agriculture (COAG). In this regard, "COAG encouraged FAO and all GSP members to implement the activities outlined therein, as well as tools and initiatives of the GSP including the Voluntary Guidelines for Sustainable Soil Management, the International Code of Conduct for the Sustainable Use and Management of Fertilizers, among others, as appropriate."

The overarching principle of the GSP Action Framework is that in a world in which soils are healthy and resilient, the provision of ecosystem functions and services by soils are sustained for all, leaving no one behind. The vision is that the GSP must work to improve and maintain the health of at least 50 percent of the world's soils by 2030. To further develop the GSP towards a flexible action-oriented approach and meet this objective, Pillars of Action have been replaced by Action Areas linked to concrete actions, initiatives, and programmes.

- Action Area 1: Manage sustainably and restore soils for the provision of ecosystem services
- Action Area 2: Strengthen soil governance
- Action Area 3: Promote knowledge and literacy on soils
- Action Area 4: Promote awareness raising and advocacy on soil health
- Action Area 5: Assess, map, and monitor soil health in a harmonized way
- Action Area 6: Foster technical cooperation (including gender and youth)

Another novelty of the GSP Action Framework is the inclusion of concrete and quantifiable targets to measure the impact of actions at the global, regional, national and local levels. In this regard, the GSP Action Framework is made up by clear actions and targets focused on addressing the different global challenges – from food insecurity, climate change, pollution, land degradation and the loss of biodiversity – through the improvement and enhancement of soil health. Key performance indicators (KPIs) are to be developed and agreed upon with GSP members and partners to allow monitoring of activities and progress towards these targets.

The Action Framework also proposes the development of a Global Soil Health Index (GSHI), as a composite index including the indicators endorsed in the Protocol for the assessment of sustainable soil management (SSM Protocol) to provide a proxy on the soil health status at global level.

- ✓ ITPS Chairperson & ITPS Members
- ✓ Chairs of the Regional Soil Partnerships
- ✓ Chairs of the GSP Technical Networks
- Experts nominated by GSP National Focal Points
- ✓ Global Soil Partnership Secretariat (facilitator)







Work of ISAF WG

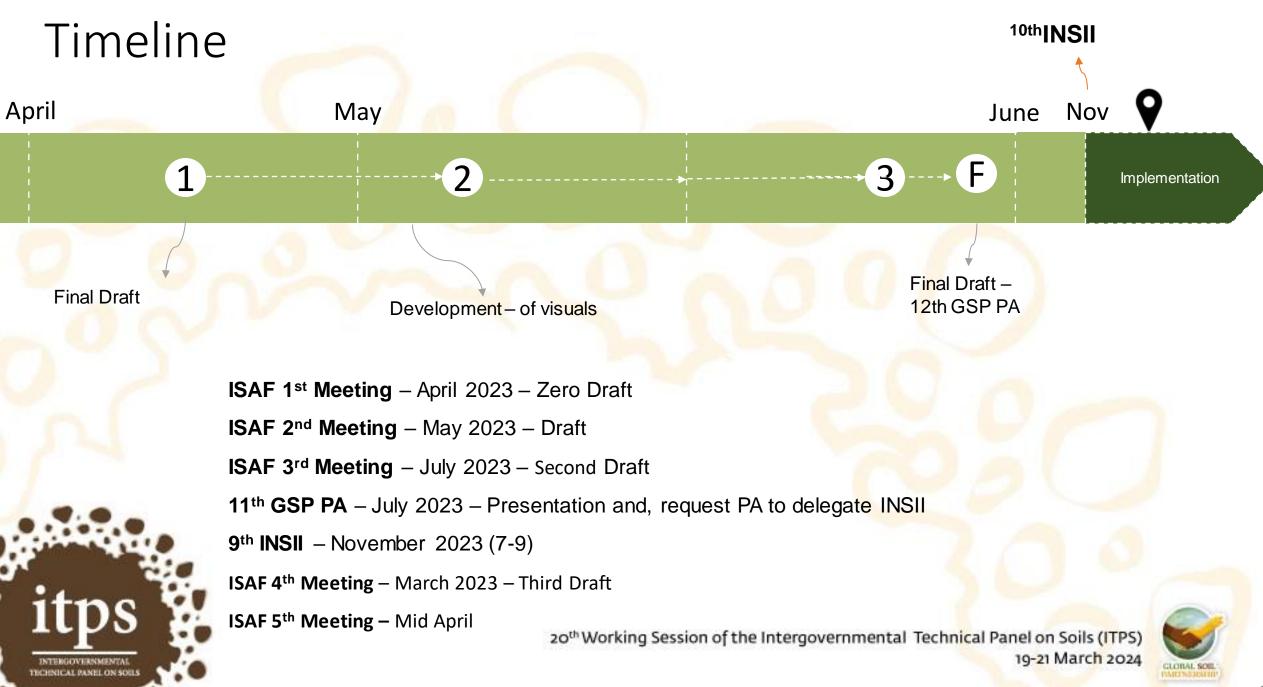
- GSP Performance Indicator System

 monitoring Key Performance Indicators (KPIs) for soil-related activities and initiatives of the GSP
- SoilSTAT Soil Health Indicator System a comprehensive platform for monitoring key soil health indicators
- Global Soil Health Index (GSHI)

 Standardized metric to measure and track the soil health worldwide







4 x Working Sessions

- Rigorous Process: Each element of the concept has been subjected to thorough discussion and careful review.
- Collective Knowledge: The revisions and iterations reflect the consensus of a diverse group of experts.



Global Soil Partnership Action Framework 2030

SoilSTAT

Development and Integration of Key Performance Indicators for the Global Soil Partnership, the Soil Health Indicator System, and the Global Soil Health Index (GSHI)

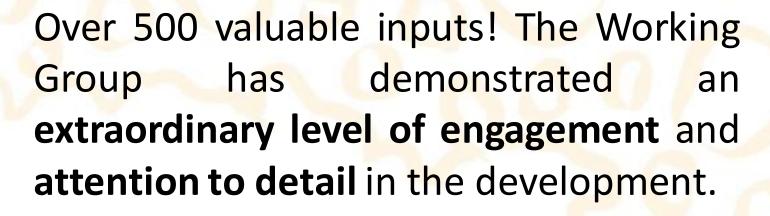
Technical Concept Note

ISAF Working Group

2023



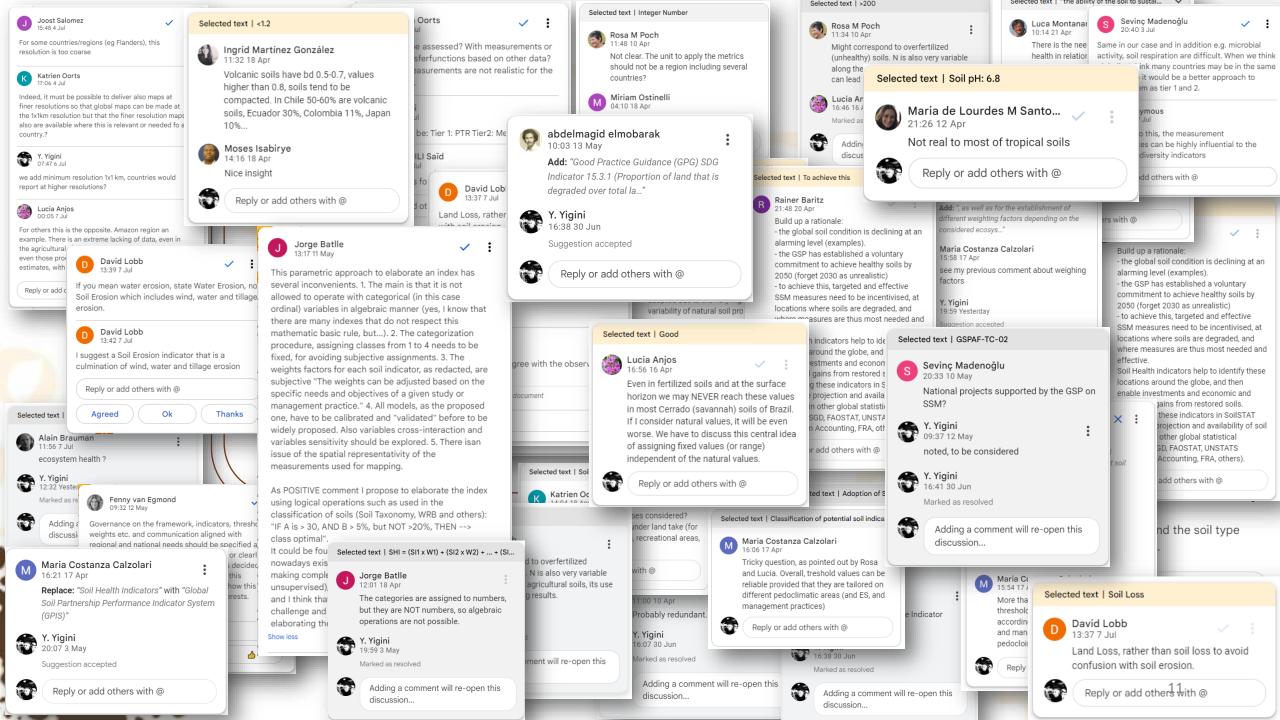












The Final Draft:

Global Soil Partnership Action Framework 2030

SoilSTAT

Development and Integration of Key Performance Indicators for the Global Soil Partnership, the Soil Health Indicator System, and the Global Soil Health Index (GSHI)

Concept Note

ISAF Working Group

2023

- Global Soil Partnership Performance Indicator System
- SoilSTAT: Soil Health Indicator System
- Global Soil Health Dashboard

+

+ Indicator Factsheets, Operational Aspects, Reporting Lines, Data Policy, QA/QC







GSP Performance Indicators

- 16 KPIs
- 6 Domains (SSM, Soil Governance, Knowledge and literacy, Awareness raising, Soil Information and Data, Technical Cooperation)

Target (GSPAF)	Domain	Indicator	Metric	(ω) (year)	Uni t	Indicator Code/Link	Reporting Entity	Baseline (year) ¹
1	SSM	Adoption of SSM Practices	# of farmers or beneficiaries adopting SSM Practices per unit area	2	#	GSPAF-SSM-01	National Counterpart (INSII)	202x
2	SSM	Adoption of SSM in national programmes	# of countries that have included SSM in their national programmes	2	#	GSPAF-SSM-02	National Counterpart (INSII)	202x
3	SSM	Proportion of degraded soils under SSM measures over total degraded soils.	Land area under SSM practices within GSP programmes, projects and initiatives.	2	На	GSPAF-SSM-03	National Counterpart (INSII)	202x
4	SSM	Proportion of black soils under protection measures over total black soil area	Land Area under black soil protection measures	2	На	GSPAF-SSM-04	National Counterpart (INSII)	202x
5	Soil Governance	Development of national and regional legal instruments focused on soil health	# of countries technically supported to include rev-WSC and VGSSM principles into national policies and strategies	1	#	GSPAF-SG-01	National Counterpart (INSII)	202x







GSP Performance Indicators

- **16** KPIs
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10	Awareness raising and Advocacy on Soil Health	Outreach of the World Soil Day	Social Media Engagement Rate ² Campaign Reach ³	1	% -	GSPAF-AR-01a GSPAF-AR-01b	GSP Secretariat	202x
9	Knowledge and literacy	Global assessments reports on the state of world's soils and soil threats	# of global assessments and reports on soils published by the GSP	1	#	GSPAF-KL-02	GSP Secretariat	202x
8	Knowledge and literacy	Capacity development programmes/courses on SSM	1)# of participants trained through the GSP's capacity development programmes 2) # of training sessions organised by the GSP	1	#	GSPAF-KL-01a GSPAF-KL-01b	GSP Secretariat	202x
7	Soil Governance	Formalization of cooperation between the FAO/GSP and other relevant intergovernmental processes and monitoring frameworks	# of official agreements between FAO/GSP and relevant intergovernmental bodies	1	#	GSPAF-SG-03	National Counterpart (INSII)	202x
6	Soil Governance	Implementation of the Fertilizer Code	# of countries technically supported to include the Fertilizer Code principles into national policies and strategies.	1	#	GSPAF-SG-02	National Counterpart (INSII)	202x





Soil Health Indicators

 10 Soil Threats - in line with the Status of the World's Soil Resources Report (SWSR)

Domain	Indicator	Metric	Unit	Tier 1 Data	Spatial Res.	Mandatory (Y/N)
	Soil Organic Carbon					
SOC decline	Sequestration Potential	Predicted SOCseq Potential	Mg/ha/yr	GSOCseq	1x1km	N
SOC decline	Soil Organic Carbon Stock	Predicted variation on SOC Stocks	Mg/ha	GSOCmap	1x1km	Υ
SOC decline	Soil Organic Carbon Concentration	Soil Organic Carbon Concentration	% or g/kg	N/A	1x1 km	N
Salinization	Electrical Conductivity	Measured or Predicted Electrical Conductivity (EC)	dS/m at 25°C	GSASmap	1x1km	Υ
Sodification	Exchangeable Sodium percentage or Sodium Adsorption Ratio	Predicted/Measured ESP or SAR	%	GSASmap	1x1km	N
Erosion	Water Erosion Risk	Area under severe risk of erosion	tonnes/ha/y	N/A		N
Erosion	Tillage Erosion	Predicted Annual Soil Loss by Tillage	Mg/ha/yr	N/A		N
Erosion	Water Erosion Rate	Predicted Annual Soil Loss by Water	Mg/ha/yr	JRC/ESDAC -Glosem 1.3 -Global Soil Erodibility -EPM	100 m x 100 m (crops) 1 km x 1 km 800 m x 800 m	Y
Erosion	Wind Erosion	Susceptibility to Wind Erosion	% (ILSWE)	N/A		N

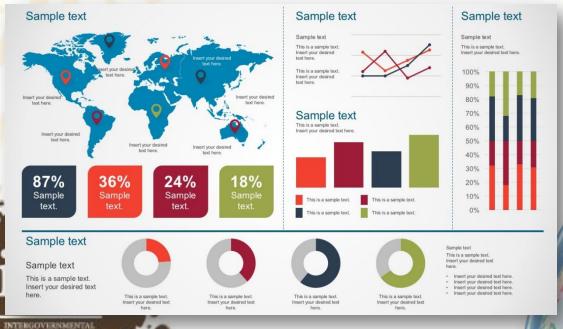




3 Soil Health Index

 Approach: Soil Ecosystem Services Soil Threats/Degradation as a proxy for soil health

Global Soil Health Dashboard





Next Steps

- Finalize the development of Indicator Systems
- Continue to develop and refine the technical components of the work done
- Prepare visuals for the reporting framework
- Have a final 5th meeting before the plenary





