

No.	PREPISOL partner	Name of initiative	Type and main goal of the CS initiative	Is initiative still now active	Country/location	Scale	Focus on Presence of soil pollutants, excess nutrients and salts	Focus on Soil organic carbon	Focus on Soil structure including bulk density and the absence of soil sealing and erosion	Focus on Soil biodiversity	Focus on Soil nutrients and pH	Focus on Vegetation cover	Focus on landscape heritage	Focus on Area of forest and other wooded lands	Actor groups	Describe in text, which data are collected	Community (how big)	Strategy to reach stakeholders (describe, if you know this strategy)	Open Access to Data/Licence	Ethical limitation	Used standards	Validation procedure	URL			
1.	Aarhus University	Mikrosol 2023	Crowdsourcing	yes	Denmark	3. National	not	not	not	yes	partly	yes	partly	yes	Society/Citizens	Observations of	10000-100	Through the	Don't	GDPR			<a href="https://masseexperiment.dk/idligere-eksperimenter/n">https://masseexperiment.dk/idligere-eksperimenter/n</a>			
2.	Aarhus University	Fjord Soilnet	Crowdsourcing	yes	Denmark	3. National	not	not	partly	yes	partly	yes	yes	partly	Society/Citizens	Citizens are asked to	Not known	Unknown	Don't				<a href="https://fjordsoilnet.ssm.ku.dk/citizen-science/dk_udfors">https://fjordsoilnet.ssm.ku.dk/citizen-science/dk_udfors</a>			
3.	Aarhus University	Arter	Crowdsourcing	yes	Denmark	3. National	not	not	partly	not	partly	partly	partly	partly	Society/Citizens	After a national CS	10000-100	Unknown	Don't				<a href="https://arter.dk/landing-page">https://arter.dk/landing-page</a>			
4.	Aarhus University	Plads til liv	Participatory science	yes	Denmark	1. Local	partly	partly	not	yes	partly	yes	partly	not	Society/Citizens	Teenagers between	Not known	Unknown	Unknown				Not available yet. (see <a href="https://forsking.ssm.ku.dk/citiz">https://forsking.ssm.ku.dk/citiz</a>			
5.	Aarhus University	Sumpstam	Crowdsourcing	yes	Denmark	3. National	not	not	partly	not	partly	not	partly	not	Society/Citizens	National database of	1000-1000	Unknown	Sumpstam				<a href="https://svampe-database.org/">https://svampe-database.org/</a>			
6.	Aarhus University	Ustet Cyberhaven	Distributed intelligence	not	Denmark	1. Local	not	not	partly	not	yes	not	not	not	Society/Citizens	CS initiative for	Not known	Unknown	Unknown				<a href="https://fjordsoilnet.ssm.ku.dk/citizen-science/vikdikh/">https://fjordsoilnet.ssm.ku.dk/citizen-science/vikdikh/</a>			
7.	Aarhus University	Biodiversity Now	Crowdsourcing	not	Denmark	3. National	not	not	not	partly	not	partly	not	partly	Society/Citizens	Project for	10000-100	Unknown	Some				<a href="https://biodiversitynow.dk/about">https://biodiversitynow.dk/about</a>			
8.	Aarhus University	Bonden & Biodiversitet	Crowdsourcing	not	Denmark + 5 other EU countries	4. European	not	not	not	yes	not	partly	not	not	Landowners and users	Project by Syngenta	<100	Unknown	Some				<a href="https://www.syngenta.dk/baerrediggighed/biodiversitet">https://www.syngenta.dk/baerrediggighed/biodiversitet</a>			
9.	DELTAERS	Pleintre tuinen	Participatory science	yes	Netherlands/No province of	2. Regional	not	not	not	not	not	partly	not	not	Society/Citizens	soil moisture and							<a href="https://zapp-veerhoven.nl/">https://zapp-veerhoven.nl/</a>			
10.	DELTAERS	Bodemendelers	Distributed intelligence	yes	Netherlands	3. National	not	not	not	yes	not	partly	not	not	Society/Citizens	soil animals		via primary schools					<a href="https://zappendelers.nl/">https://zappendelers.nl/</a>			
11.	DELTAERS	Steedbrek	Crowdsourcing	yes	Netherlands	3. National	not	not	partly	partly	not	partly	partly	not	Society/Citizens	sealed and open area							<a href="https://atpenbrek.nl/">https://atpenbrek.nl/</a>			
12.	DELTAERS	Nitrate app (water)	Crowdsourcing	yes	Netherlands	3. National	yes	not	not	not	not	not	not	not	Society/Citizens	nitrate in surface							<a href="https://www.deltanet.nl/en/software-and-data/product">https://www.deltanet.nl/en/software-and-data/product</a>			
13.	DELTAERS	Clean water expertise waardenboek	Crowdsourcing	yes	Netherlands	3. National	yes	not	not	not	not	not	not	not	Society/Citizens	smell, sight	100-1000						<a href="https://www.youtube.com/watch?v=h02HvYQCQ_4">https://www.youtube.com/watch?v=h02HvYQCQ_4</a>			
14.	DELTAERS	Globe	Participatory science	yes	Netherlands	3. National	not	not	not	yes	not	yes	not	not	Society/Citizens	different	1000-1000	via schools	yes				<a href="https://globeonderland.nl/">https://globeonderland.nl/</a>			
15.	DELTAERS	Guruzize Neuzen	Distributed intelligence	yes	Belgium	3. National	not	not	not	not	not	not	not	not	Society/Citizens	soil moisture and	1000-10000						<a href="https://www.neuzen.be/waar-we-meten/tuin/">https://www.neuzen.be/waar-we-meten/tuin/</a>			
16.	DELTAERS	Bodemvren	Distributed intelligence	yes	Belgium/Limburg	2. Regional	not	not	not	not	not	not	not	not	Society/Citizens	soil activity (tea bag)	100-1000							<a href="https://www.bodemvren.be/">https://www.bodemvren.be/</a>		
17.	DELTAERS	Globe	Participatory science	yes	100 countries	5. International/Global	not	not	not	yes	not	yes	not	not	Society/Citizens	1000-1000	via schools							<a href="https://globeonderland.nl/">https://globeonderland.nl/</a>		
18.	DELTAERS	TestTime 4 Science	Crowdsourcing	yes	50 countries	5. International/Global	not	partly	not	partly	partly	not	not	not	Society/Citizens	measure decay rate	1000-1000	via schools and	7	No			<a href="http://www.testtime-science.org/">http://www.testtime-science.org/</a>			
19.	DELTAERS	INCREASE	Crowdsourcing	yes	25 countries	4. European	not	not	not	not	not	not	not	not	Society/Citizens	Aimed at promoting	100-1000	Via NGO's and schools	No				<a href="https://www.vulcanisatie.nl/en/experiment">https://www.vulcanisatie.nl/en/experiment</a>			
20.	DELTAERS	CLIMATE SCAN	Crowdsourcing	yes	50 countries	5. International/Global	partly	not	not	not	not	partly	not	not	Society/Citizens	Climate scan is an	100-1000	Via research	Open Acc	No				<a href="https://www.climatescan.nl/">https://www.climatescan.nl/</a>		
21.	CSIC	SoilKin - La Pel Viva	Participatory science	yes	Spain	3. National	not	not	partly	yes	not	yes	partly	not	Researchers/ research	1. ecosystem type, 2. NCGs	Not known	Mobile App	Not specifi	Not specified	Not specified	Not specified	Not specified	<a href="https://elbyo.com/soilkin/">https://elbyo.com/soilkin/</a>		
22.	ERRIAFF (FUNDECT)	Huertos Urbanos (HU)	Crowdsourcing	yes	Spain/ Badajoz City	1. Local	partly	partly	partly	partly	partly	partly	partly	partly	Society/Citizens	The urban vegetable	<100							Don't know		
23.	ERRIAFF (FUNDECT)	ACTIVA Initiative	Extreme citizens science	yes	Spain/ Caceres City	2. Regional	partly	partly	partly	partly	partly	partly	partly	partly	Landowners and users	ACTIVA is a non for	<100							Don't know	<a href="http://www.activaerraff.org">www.activaerraff.org</a>	
24.	ERRIAFF (FUNDECT)	INTERCIAS EXTREM	Extreme citizens science	yes	Spain	3. National	partly	partly	partly	partly	partly	partly	partly	partly	Landowners and users	INTERCIAS is an open	100-1000							Don't know	<a href="https://intercias.org/">https://intercias.org/</a>	
25.	ERRIAFF (FUNDECT)	Francisco Pons - Farme	Distributed intelligence	yes	Spain/ La Codocera Town	2. Regional	partly	partly	partly	yes	partly	partly	partly	partly	Landowners and users	A farmer's farm that	<100							Don't know		
26.	Wageningen Resea	BODMEREENDAG	Participatory science	yes	Netherlands	3. National	not	not	not	yes	not	not	yes	partly	Society/Citizens	soil animals (8 and type)	1000-1000	citizen asked 1 jo	<a href="https://niver bodemder">https://niver bodemder</a>	7	n.a.			<a href="http://www.bodemendelers.nl/">www.bodemendelers.nl/</a>		
27.	Wageningen Resea	De Inrode bodem	Participatory science	not	117 countries	5. International/Global	partly	yes	yes	yes	partly	partly	partly	partly	Society/Citizens	soil quality and biodiversity	1000-100	through education	7	2	n.a.			<a href="https://zappswarm.eu/2018/06/from-magazine-to-app">https://zappswarm.eu/2018/06/from-magazine-to-app</a>		
28.	Wageningen Resea	SporenOpvoeren	Participatory science	not	Netherlands	3. National	not	not	not	not	not	not	not	not	Society/Citizens	Trap and/or resistant	100-1000	ask people to set	unclear	no	7	n.a.		<a href="https://zappswarm.eu/wordpress.com/">https://zappswarm.eu/wordpress.com/</a>		
29.	Wageningen Resea	Onder het Maxveld	Participatory science	yes	Netherlands	3. National	yes	yes	yes	yes	yes	not	not	not	Landowners and users	Allow farmers to mean	100-1000	targeting specific	unclear	yes	7	n.a.		<a href="https://earthwatch.nl/en/voet/boeren-wetenschap-bodem">https://earthwatch.nl/en/voet/boeren-wetenschap-bodem</a>		
30.	Wageningen Resea	Bodemvalent meten	Participatory science	not know	Netherlands	2. Regional	not	not	not	yes	yes	yes	yes	not	Landowners and users	Farmers use a monitor	100-1000	unclear	unclear	yes	7	n.a.		<a href="https://www.earthwatch.nl/en/voet/boeren-wetenschap-bodem">https://www.earthwatch.nl/en/voet/boeren-wetenschap-bodem</a>		
31.	OMKI	Ne csak a földet kell	Participatory science	yes	Hungary	3. National	not	yes	partly	yes	yes	not	not	not	Society/Citizens	Observable indicators	Not known							Research institute	<a href="https://data.hu-ne-csak-a-foldet-kell/">https://data.hu-ne-csak-a-foldet-kell/</a>	
32.	OMKI	Alsohan as diet life	Participatory science	not	Hungary	3. National	not	partly	not	yes	not	partly	partly	partly	Society/Citizens	The decomposition	1000-10000							Research institute	<a href="https://www.ehk-taki.hu/hu/cinkek/alsohan-élet">https://www.ehk-taki.hu/hu/cinkek/alsohan-élet</a>	
33.	OMKI	Asok isza (Best for sh)	Participatory science	not	Hungary	3. National	not	yes	partly	yes	yes	not	not	not	Society/Citizens	Observable indicators	Not known							Research institute	<a href="https://www.ehk-taki.hu/hu/cinkek/alsohan-élet">https://www.ehk-taki.hu/hu/cinkek/alsohan-élet</a>	
34.	OMKI	GROW Observatory	Participatory science	yes	Spain	3. National	not	partly	not	not	not	partly	not	not	Society/Citizens	gastelle data and soil	Not known							Research institute	<a href="https://growobservatory.org/">https://growobservatory.org/</a>	
35.	RE-SOIL FOUNDAT	ECHO	Extreme citizens science	yes	Italy	4. European	yes	yes	yes	yes	yes	yes	yes	yes	Society/Citizens	Scientific data on the	Not known								<a href="https://echo-soil.eu/">https://echo-soil.eu/</a>	
36.	RE-SOIL FOUNDAT	BRIDGES	Participatory science	yes	Italy	2. Regional	not	partly	not	yes	partly	yes	partly	yes	Society/Citizens	During incubation in	Not known	Meetings in	<a href="https://if/">https://if/</a>						<a href="https://if/">https://if/</a>	
37.	RE-SOIL FOUNDAT	Benchmarks	Distributed intelligence	yes	Spain, Portugal, Italy, Belgium	4. European	partly	partly	partly	partly	partly	partly	partly	partly	Society/Citizens	Test and validate the	Not known	Website, social							<a href="https://soilhealthbenchmarks.eu/about-us/">https://soilhealthbenchmarks.eu/about-us/</a>	
38.	RE-SOIL FOUNDAT	AGSHealth	Distributed intelligence	yes	Spain, France, UK, Netherlands	4. European	partly	partly	partly	partly	partly	partly	partly	partly	Landowners and users	Is will create a free	Not known	Share learning							<a href="https://soilhealthbenchmarks.eu/about-us/">https://soilhealthbenchmarks.eu/about-us/</a>	
39.	LESPROJEKT	Interscho	Participatory science	yes	Czech Republic	4. European	partly	partly	partly	partly	partly	partly	partly	partly	Researchers/ research	Through its map data	100-1000	The Interscho p	<a href="https://www.interscho.cz">www.interscho.cz</a>	GDPR		Not specified	n.a.			<a href="https://www.interscho.cz">www.interscho.cz</a>
40.	LESPROJEKT	Vinosa alodin	Participatory science	yes	Czech Republic	3. National	partly	partly	partly	yes	partly	yes	not	not	Researchers/ research	The Crop Yields project	100-1000	The Vinosa plod	<a href="https://www.vinosa.cz">www.vinosa.cz</a>	GDPR		Not specified	n.a.			<a href="https://www.vinosa.cz">www.vinosa.cz</a>
41.	LESPROJEKT	Interscho	Participatory science	yes	Czech Republic	3. National	partly	partly	partly	partly	partly	partly	partly	partly	Researchers/ research	The Fertilizer project	100-1000	The Fertilizer project	<a href="https://www.fertilizer.cz">www.fertilizer.cz</a>	GDPR		Not specified	n.a.			<a href="https://www.fertilizer.cz">www.fertilizer.cz</a>
42.	LESPROJEKT	Senza za hromy	Participatory science	yes	Czech Republic	3. National	partly	not	yes	partly	partly	partly	partly	partly	Researchers/ research	The Fertilizer project	100-1000	The Fertilizer project	<a href="https://www.fertilizer.cz">www.fertilizer.cz</a>	GDPR		Not specified	n.a.			<a href="https://www.fertilizer.cz">www.fertilizer.cz</a>
43.	LESPROJEKT	Senza za hromy	Participatory science	yes	Czech Republic	3. National	partly	not	yes	partly	partly	partly	partly	partly	Researchers/ research	The Fertilizer project	100-1000	The Fertilizer project	<a href="https://www.fertilizer.cz">www.fertilizer.cz</a>	GDPR		Not specified	n.a.			<a href="https://www.fertilizer.cz">www.fertilizer.cz</a>
44.	LUNG	ECHO	To engage citizens through	yes	Poland as a consortium	4. European	yes	yes	yes	yes	yes	yes	yes	yes	Society/Citizens	Not	Not	The project aims	Open						<a href="https://echo-soil.eu/">https://echo-soil.eu/</a>	
45.	LUNG	National Soil Hub	Participatory science	yes	Poland	3. National	yes	yes	yes	yes	yes	yes	yes	yes	Policy-makers and	Not	Not	The project aims	Open						<a href="https://echo-soil.eu/">https://echo-soil.eu/</a>	
46.	LUNG	SoilBio	Raising awareness of soil	yes	Poland	4. European	yes	yes	yes	yes	yes	yes	yes	yes	Researchers/ research	Researcher's research communities	Not								<a href="https://ur/">https://ur/</a>	
47.	LUNG	Experiments	Extreme citizens science	yes	Poland	2. Regional	yes	yes	yes	not	not	not	not	not	Society/Citizens	data on the amount	Not	information on	opne						<a href="https://ur/">https://ur/</a>	
48.	LUNG	LOESS - for better	Increasing knowledge and	yes	Poland	4. European	yes	yes	yes	yes	yes	yes	yes	yes	Society/Citizens	Mapping of existing	Not								<a href="https://ur/">https://ur/</a>	
49.	LUNG	CASIS - COALITION	main objective is to	yes	Poland	5. International/Global	yes	yes	yes	yes	yes	yes	yes	yes	Society/Citizens	Mapping of existing	Not								<a href="https://ur/">https://ur/</a>	
50.	ZALF	Die Citizen Science	Participatory science	yes	Germany	3. National	not	not	not	not	not	not	not	not	Researchers/ research	The website collects a	Not known	Website, Social	Open Acc	GDPR		Not specified	Not specified	Not specified	<a href="https://www.buergerschaften.de/">https://www.buergerschaften.de/</a>	
51.	ZALF	Wissenschaft im Dialog	Participatory science	yes	Germany	3. National	not	not	not	not	not	not	not	not	Researchers/ research	The website collects a	Not known	Website, Social	Open Acc	GDPR		Not specified	Not specified	Not specified	<a href="https://www.wissenschaft-im-dialog.de/en/about-us/">https://www.wissenschaft-im-dialog.de/en/about-us/</a>	
52.	ZALF	Microbiomes - Particip	Participatory science	yes	Germany	2. Regional	not	not	not	yes	not	not	not	not	Society/Citizens	The aim of the project	Not known	Website, social	Open Acc	GDPR		Not specified	Not specified	Not specified	<a href="https://www.hubsoilhub.de/wordpress.de/de/fakultaeten/">https://www.hubsoilhub.de/wordpress.de/de/fakultaeten/</a>	
53.	ZALF	BioWatch - Biodiversit	Participatory science	yes	Europe/ Deutschland Baden-	2. Regional	yes	not	yes	yes	yes	yes	yes	yes	Society/Citizens	The BioWatch project	Not known	Website, social	Open Acc	GDPR		Not specified	Research institute	<a href="https://www.biowatch.info/netherlands.php">https://www.biowatch.info/netherlands.php</a>		
54.	ZALF	Gärtnern für den Umw	Participatory science	yes	Deutschland Nordrhein-West	2. Regional	yes	yes	yes	yes	yes	yes	yes	yes	Society/Citizens	The "Citizen ab Umw	Not known	Website, social	Open Acc	GDPR		Not specified	Research institute	<a href="https://www.h-bn.de/de/umw-gaertnern-umweltschutz">https://www.h-bn.de/de/umw-gaertnern-umweltschutz</a>		
55.	ZALF	THE BIRD'S EYE VIEW	Participatory science	yes	Germany, Canada	5. International/Global	not	yes	yes	yes	yes	yes	yes	yes	Society/Citizens	School classes in	Not known	Website, social	Open Acc	GDPR		Not specified	Research institute	<a href="https://undercovermagazine.org/">https://undercovermagazine.org/</a>		
56.	ZALF	MICROBEX - Microbi	Participatory science	not	Germany	1. Local	yes	not	not	not	not	not	not	not	Society/Citizens	Soil bacteria are an	Not known	Website, social	Open Acc	GDPR		Not specified	Research institute	<a href="https://thp.sasland/sample/taengen">https://thp.sasland/sample/taengen</a>		
57.	ZALF	Citizen Science	Participatory science	yes	Germany	1. Local	not	not	not	not	not	not	not	not	Society/Citizens	Scientific data on the	Not known	Website, social	Open Acc	GDPR		Not specified	Research institute	<a href="https://www.ufp.de/index.php?view=detail&amp;id=4005">https://www.ufp.de/index.php?view=detail&amp;id=4005</a>		
58.	ZALF	Expedition Erdreich	Participatory science	yes	Germany	3. National	yes	yes	yes	yes	yes	yes	yes	yes	Society/Citizens	Different data from H	Not known	Website, Social	Open Acc	GDPR		Not specified	The data is added	<a href="https://expedition-erdreich.bonares.de/de/wie-citizen-s">https://expedition-erdreich.bonares.de/de/wie-citizen-s</a>		
59.	ZALF	Open Soil Atlas	Participatory science	not	Germany	3. National	yes	not	not	not	not	not	not	not	Society/Citizens	This pilot created a	100-1000	Website, Social	Open Acc	GDPR		Not specified	We updated our	<a href="https://www.open-soil-atlas.de/index.php/soil-atlas">https://www.open-soil-atlas.de/index.php/soil-atlas</a>		
60.	ZALF	Trading Index website	Participatory science	yes	Global	5. International/																				