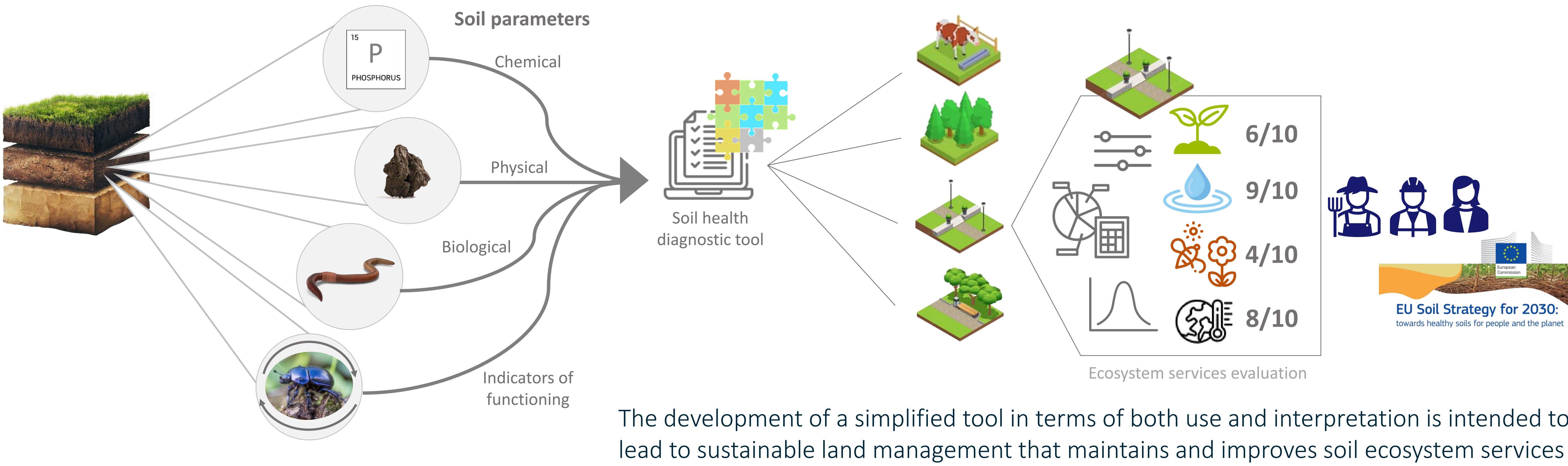
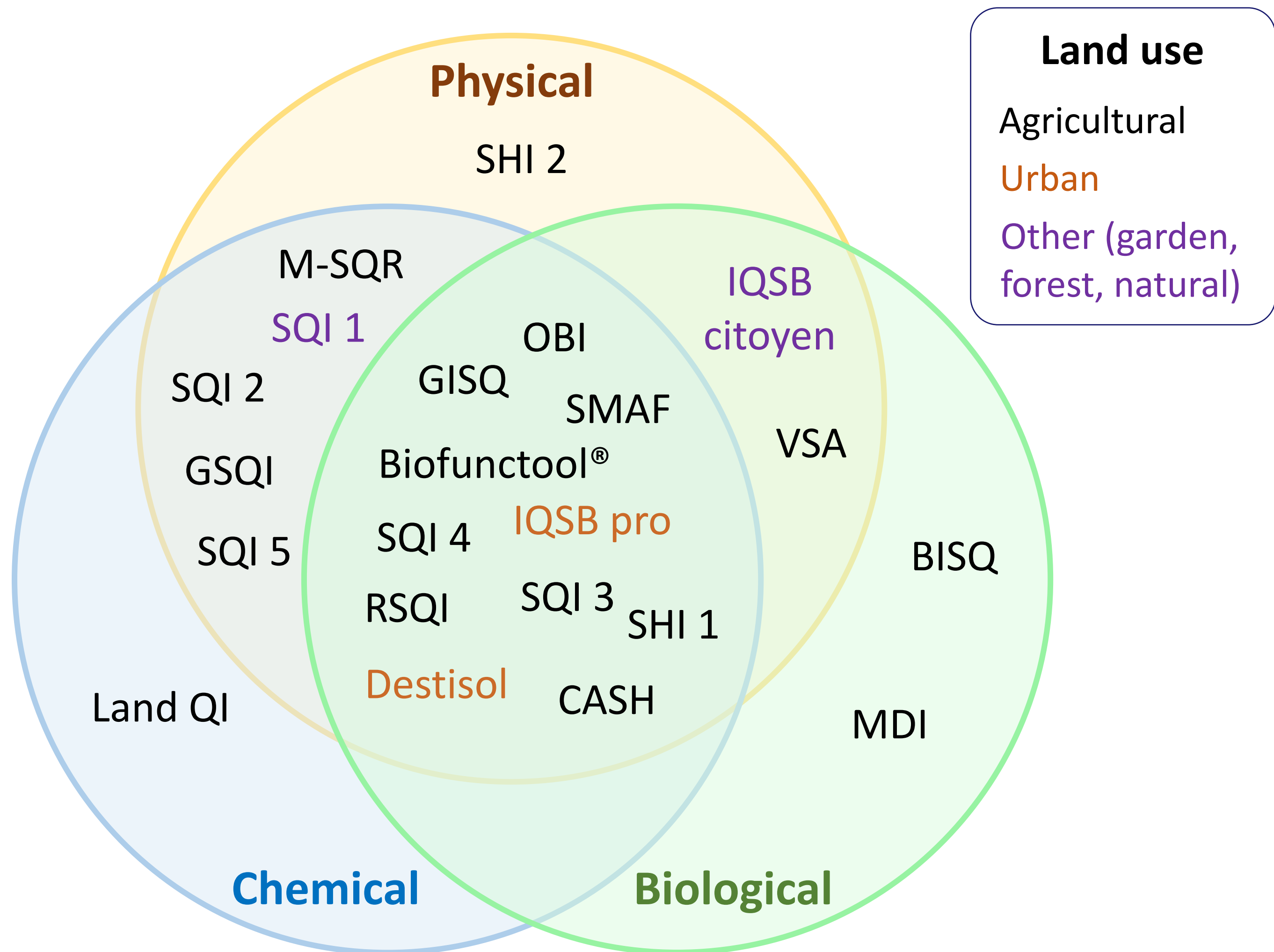


How to objectify Belgian soils health?



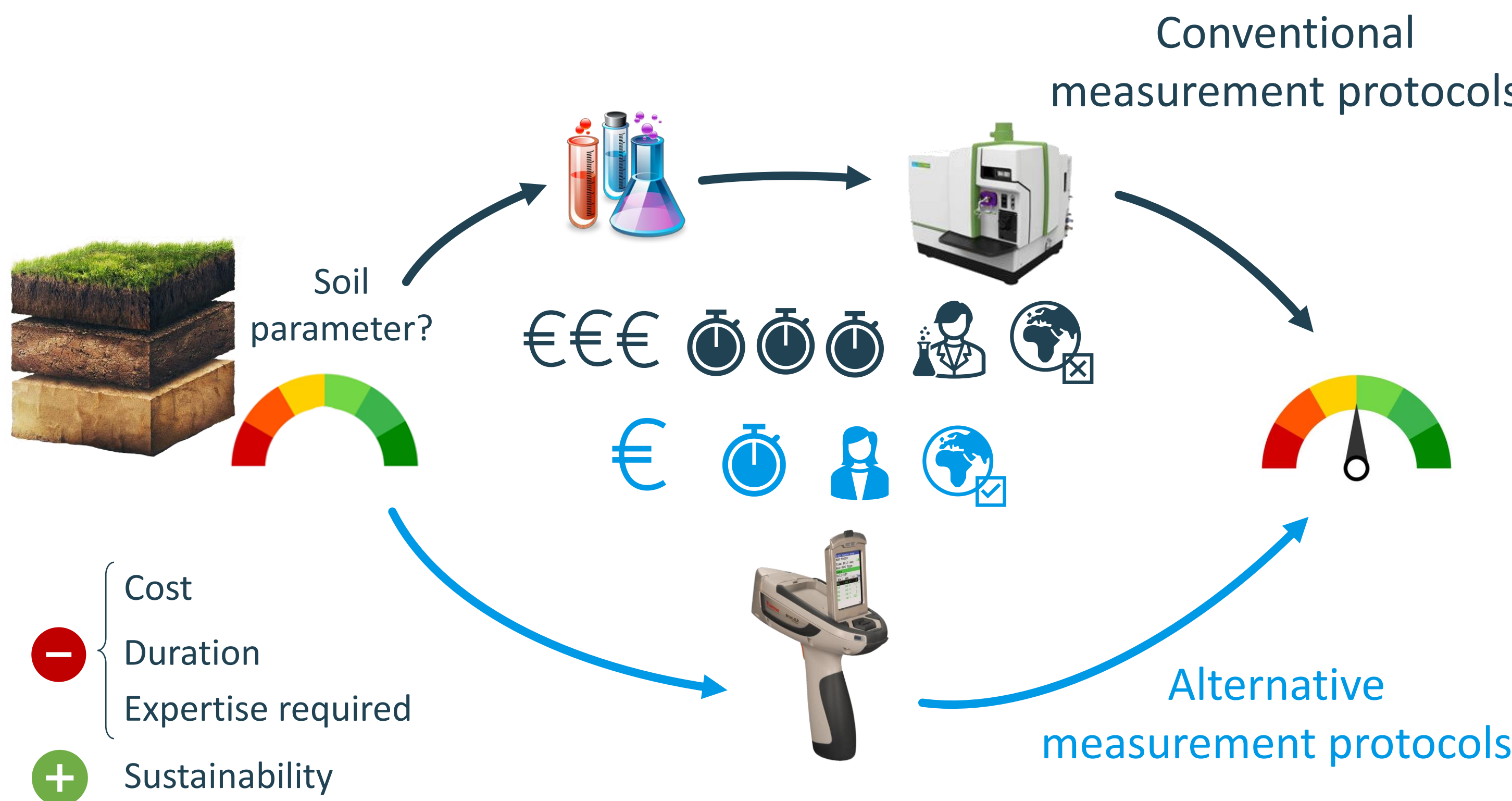
State of the art: high diversity of soil health indices tailored to a specific land use and pedoclimatic region and poorly operational



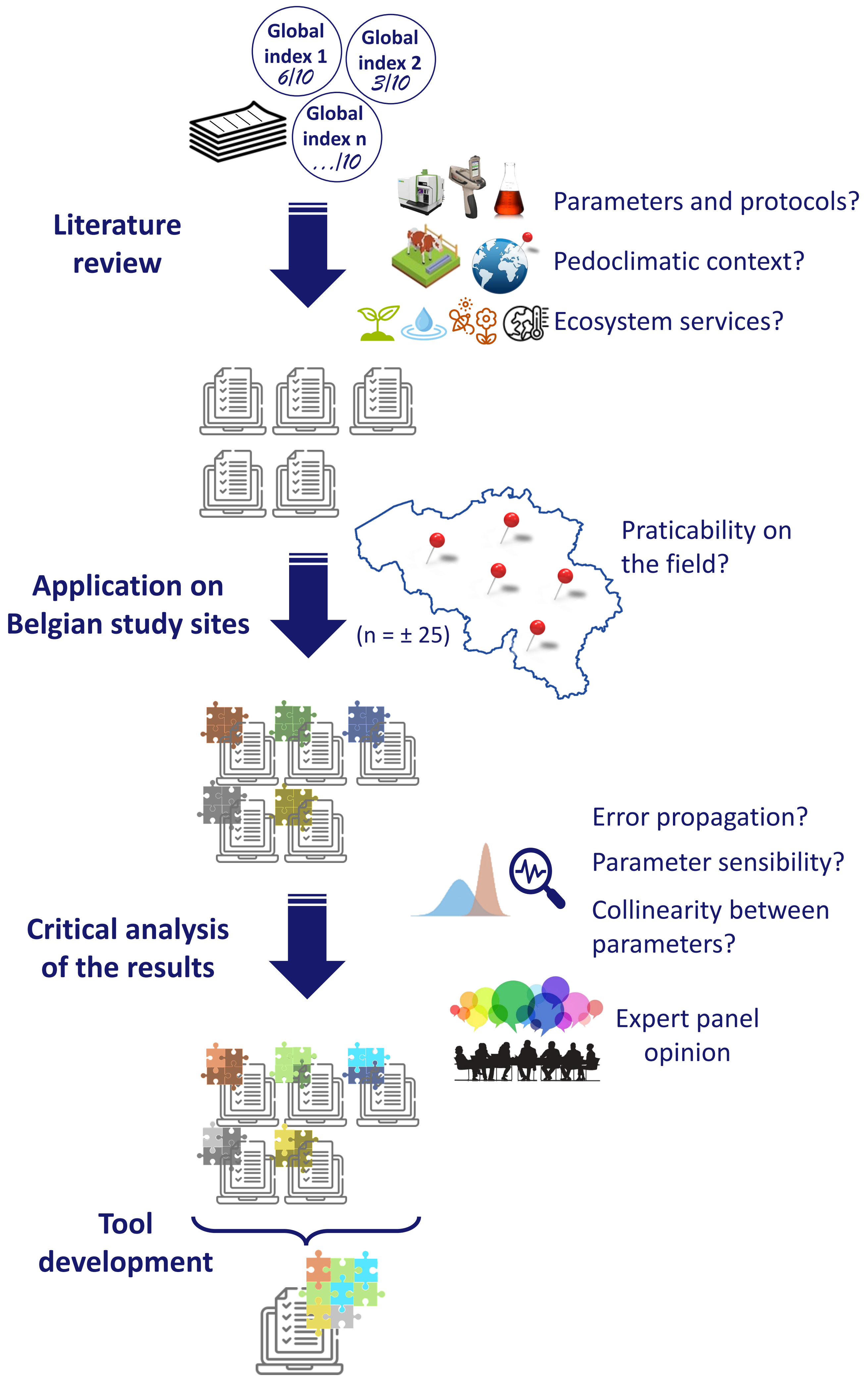
Biofunctool® [1], BISQ : Biological Index of Soil Quality [2], CASH : Comprehensive Assessment of Soil Health [3], Destisol [4], GISQ : Global Index of Soil Quality [5], GSQI : Global Soil Quality Index [6], IQSB pro, citoyen : Indice de Qualité des Sols Bruxellois [7,8], Land QI : Land Quality Index [9], MDI : Microbial Degradation Index [10], M-SQR : Muencheberg-Soil Quality Rating [11], OBI : Open Soil Index [12], RSQI : Relative Soil Quality Index [13], SHI1 : Soil Health Index [14], SHI2 : Soil Health Index [15], SMAF : Soil Management Assessment Framework [16], SQI1 : Soil Vital Signs [17], SQI2 : Soil Quality Index (New Zealand) [18], SQI3 : Soil Quality Index [19], SQI4 : Soil Quality Index [20], SQI5 : Soil Quality Index [21], VSA : Visual Soil Assessment [22]

Recent indices (11 out of 22 considered) target a more comprehensive understanding by combining chemical, physical, and biological parameters

Alternative measurement protocols are needed for a better accessibility of soil health assessment



Method for the development of a soil health diagnostic tool



Soil health diagnostic tool tailored for Belgian soils of various land uses by capitalizing on the strengths of existing soil health indices

Project partners: With the support of:

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