ePLANETe Idea and Functionalities: Agricultural Sustainability Assessment, Biodiversity, and Stakeholder Involvement

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Abstract : A cutting-edge online knowledge mediation system called "ePLANETe" provides a framework for building knowledge, tools and methods for all education, research and sustainable practices and elsewhere, as well as the deliberative assessment support of sustainability, biodiversity, and stakeholder involvement issues of the territorial development sector, e.g., agriculture.The purpose is to present, as sectorial and institutional perception, the 'ePLANETe' concept and functionalities as an experimental online platform for contributing the sustainability assessment, biodiversity, and stakeholder involvement. In the upshot, the concept of 'ePLANETe'isan investigation of the challenges of "online things, technology and application". The new digital technologies are exploited to facilitate collaborative technology and application to territorial development issues, e.g., agriculture. In order to investigate the dealing capacity (Qualitative and Quantitative) of sustainability, biodiversity, and stakeholder involvement of the agriculture sector through the stakeholder-based integrated assessment "Deliberation Support Tools (DST) and INTEGRAAL method" of collective resources. Specifically, this paper focuses on integrating system methodologies with deliberation tools for collective assessment and decision-making in implementing regional plans of agriculture. The aim of this report is to identify effective knowledge and tools and to enable deliberation methodologies regarding practices on the sustainability of agriculture and biodiversity issues, societal responsibilities, and regional planning that will create the scope for qualitative and quantitative assessments of sustainability as a new landmark of the agriculture sector.