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Within the Common Agricultural Policy (CAP) of The European Union (EU), spatial information systems called Land Parcel Identification System (LPIS) which, in the context of spatial information management, is focussed on agricultural parcel registration and identification of land use/cover information and farming activities. In Turkey, on the other hand, in the context of similar needs, the Ministry of Food Agriculture and Livestock (MFAL) focusses on similar information systems which basically depends on cadastral parcels and farmer declarations on their farming activities. In addition to that, in the context of producing agricultural statistics, Turkish Statistics Institute focusses on further developing the information content of such systems to include farming activity information on undeclared cadastral land parcels. Basically inspired from the needs of these two foundations and also considering similar needs of other foundations, a national project (no 112Y027) was initiated. Within this project a special land use/cover methodology in combination with sub-parcel data model (spatial subdivision of cadastral parcels into different land use/cover classes) has been developed. Land use/cover classes of sub-parcels may be used as Land Parcel Types with trivial modifications. According to this methodology, boundaries of land use/cover classes (Fertile Land, Olive Groves, Vineyards, Fruit Orchards, Infertile Land, NoneAgricultural, Build-Up, Development, etc) within each cadastral land parcel (boundaries of sub-parcel) are proposed to be digitised on very high resolution ortho-images/photos by external bodies in close collaboration with the General Directorate of Land Registry and Cadastre as the provider of cadastral land parcel data set. Because application of this methodology requires use of some specific software, GIS units in provincial directorates of MFAL are proposed as appropriate external bodies within the project. For the maintenance purposes, web services usable on mobile devices are planned to be developed. With such a capability external bodies may be the ones needing (interested in) such land use/cover information. In this context, several foundations may contribute to application of this methodology which may be considered as a kind of crowdsourcing.

Keywords Land Parcel Type, Sub-Parcel, Land Use/Cover Classification, Crowdsourcing