The study of dialectal micro-variation of Spanish spoken in Spain has until recently mainly focused on lexical and phonetic features. The morpho-syntax of these dialects, on the contrary, remains largely unexplored, despite the recent surge in interest in dialect grammars. This is due to the lack of large annotated dialectal corpora. In this presentation we will introduce the Hercules-funded project “**A collaborative game-based approach to building a parsed corpus of European Spanish dialects”, which** aims to fill this lacuna and will create the first morpho-syntactically annotated and parsed corpus of the European Spanish dialects. This dialect corpus is being designed in a geographically balanced way and its material proceeds from the COSER corpus (*Corpus Oral y Sonoro del Español Rural* ‘Audible Corpus of Spoken Rural Spanish’), which is the largest collection of oral data in the Spanish-speaking world. This project takes a collaborative game-based approach to building the parsed corpus of European Spanish dialects. More precisely, transcriptions are currently being processed using Natural Language Processing tools and the results of this are then used within a series of crowdsourced games through which members of the public can contribute to the co-creation of the parsed corpus by providing annotations in the context of a game.

Apart from introducing the generalities and progress of this new project, we will first detail the advances made for the processing of the COSER corpus, i.e., its automatic parsing and the manual revision and correction of labels. One of the outputs of this part of the project is the construction of the first treebank of spoken Spanish, the **COSER-UD**, which can be situated within the **Universal Dependencies (UD) framework. Secondly**, we will show the progress made in the creation of a series of Games With A Purpose (GWAP) that we are specifically designed to correct the morpho-syntactically annotated and parsed sentences of the corpus. These games will be made available to all kinds of internet users, going from non-experts to high-level linguists. Regardless of their expertise level, all users will be able to contribute to the creation of the first morpho-syntactically annotated and parsed corpus of the European Spanish dialects: the **COSER-Anotado y Parseado (COSER-AP)**.