



# RecoBar



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**RecoBar's annual progress meeting** brought together researchers at the University College Dublin (UCD), who came from Finland (University of Helsinki and Natural Resources Institute Finland (Luke)), Italy (CREA and University of Milan), Estonia (University of Tartu), Spain (EEEA-CSIC), Turkey (University of Cukurova), Poland (University of Silesia in Katowice), and Ireland (UCD).

The development of **field trials** in Italy (CREA), Turkey (Univ. Cukurova) and Spain (EEAD-CSIC) was shown, and the next spring sowings were planned in Ireland (UCD) and Finland (Univ. Helsinki and LUKE ).

**New populations** of barley were developed to study their resistance to lodging (Univ. Milan), as well as the study of **old and local varieties** under water stress (**drought**), temperature stress (**heat**) and **waterlogging** (Univ. Silesia, Univ. Tartu, CREA, EEAD-CSIC, UCD and Univ. Helsinki). **Sequencing of 38 barley genotypes** for which no genetic information is available was proposed and **new candidate genes** were included in the study.

Progress in the **development of models and ideotypes of barley** to predict its behavior under different future climatological scenarios was presented (Univ. Milan).

Results of the pilot test on the study of the **rhizosphere microbiota** were shown and the sampling protocol was developed (UCD).

Promising results were presented in all project work packages. In addition, new tests and the development of new barley genotypes were proposed.