



**Kaunas Botanical garden of Vytautas Magnus University and partners in 2015-2016 will implement the project EEE-LT03-AM-01-K-01-010 of EEE and Norwegian Environment Agency, grant priority sector Environmental protection and management programme LT03 Biodiversity and ecosystem services “Estimation of an impact of climate change on biological diversity in The Southwest Lithuania and development of measures for adjustment (Botanica sudavica)”.**

Partners: Plant Gene Bank, Marijampole Forestry Department, Vistycio Regional Park

#### **Goals of the project:**

- ***To determine the impact of climate change on plant biodiversity in southwestern Lithuanian forest, wetlands, meadows, inland bodies of water, heath ecosystems.*** Activities on analysis of the existing documented data, field observations in 2015 (inventory register), development of suggestions for plant conservation measures;
- ***To develop practical methodological and organizational conditions to better protect the botanical diversity in the project territory.*** Activities – to substantiate the feasibility of transferring plants of the threatened species from conservation sites in situ to conservation ex situ; to collect seeds for conservation in Plant seed bank, to establish the new collection of threatened plants in Kaunas botanical garden VMU;
- ***To develop a theoretical methodological and organizational conditions to better preserve plant biodiversity.*** Activities – implementation of the training program for forest enterprises and protected areas professionals on topic of plant biodiversity conservation, to organize international training "botanical diversity" and to publish an educational book "Botanical diversity in Southwest Lithuania and its conservation" summarizing the results of the project.