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Project name: Growth monitoring of outdoor microalgae cultures

Selected microalgae strains will be cultured in two types of outdoor culture units - thin-layer cascades and raceway ponds to monitor their growth using various methods and techniques.

The following variables will be measured: optical density, dry weight, cell number, pigment composition, photosynthetic oxygen evolution and electron transport rate. These data should make it possible to adjust suitable cultivation regime for selected strains in individual cultivation units.