



Erasmus+

Project “Age of orienteering”

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Goals

- To develop orienteering sports and guide it towards grassroots sport No.1 in Europe.
- Develop universal competition basic **algorithm**, defining of parameters, integration of data in displaying of competition
- Develop **mobile application** for use in map design, editing and orienteering in personal, amateur and professional level
- Adjust of GPS-based tracing solutions to the extensive consumption and equipment for representation of orienteering competition online

Algorithm

- The idea of the project is to create an algorithm that records main parameters, which individually can affect overall result. Example:
 - Visibility,
 - Runnability,
 - Control punch time,
 - etc.
- Easy to digitalise orienteering parameters will be researched and choosed when developing the competition algorithm. In the result a package of such data describing the competition will be obtained and that will allow:
 - Represent the events on TV screen more extensively and in more details,
 - Improve the quality of TV commentaries,
 - Develop specific applications of orienteering competitions and web-based online tracing instruments.

Mobile application

- It is planned to develop map editor for beginners to be used in smart phones.
- App users will gain option to set landmarks (trees, houses, hills, streams, etc.) while being in terrain. System of virtual points and trophies will be created to maintain the spirit of competition of users.
- Purpose of development of map editor – to promote awareness and analytical skills of users and familiarize with basics of orienteering – map landmarks.

Benefits

- Provision of operative information during the competition – fulltime following opportunities for every sportsman.
- Digitalisation of parameters describing the distance.
- New orienteering maps.
- Exchange of experience, opportunity to participate in elaboration of unified principles for organisation of regional and local orienteering events.
- Commercialization of orienteering which would facilitate the work with media and attract new orienteers.

Thank you!

Questions?

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