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Project C-TRENDS is completed

On 30 June the project is completed, the implementation of the planned activities and outputs has been delivered.

We can conclude that the project's key objectives have been achieved:

- Contribute towards sustaining trainers in their knowledge, skills, and competence • development;
- Exchange expertise and good practice at the expert level and identify new trends in cycling;
- Share existent training tools & methods; •
- Create synergies & cooperation at the international level among organizations that excel in cycling;
- Jointly design, develop, and test materials that will enhance the above mentioned;
- To promote the benefits of cycling.

C-trends.eu/en/about 6 \$ ė Co-funded by the Erasmus+ Programme of the European Union About **Digital Platform** Contact f Home News Abou ABOUT Training should adapt to the athlete's personality, which enables him/her to achieve the highest individual performance by developing the functional possibilities of the cyclist, ensuring a p mastery of rational techniques, developing his/her moral and wilful qualities, enabling him/her to gain practical and theor tical knowledge and influence the versatile development of his/he personality. Cycling training is characterized by extraordinary stress, high volume, and intensity, which only exceptionally disposed of individuals, can handle. The difficulty of training requires the athletes to adapt their living regime to training and competition conditions. The innovation of this project lies in: 1. identification of the newest trends in sports theory and practice, 2. joint collaboration among experts from different countries and settings 3. co-production of innovative training content using digital technologies. Project C-Trends is a European project, which involves six partners from different geographical areas, representing a very diverse mix between central and southwestern European and Mediterranean organisations active in the field of cycling. They have all joined the partnership to collaborate internationally to co-create different project outputs that will benefit them all. This European collaboration is based not only in the exchange of expertise, trends, best practices to get an insight into international cycling innovations but also in the production of digitalised outputs that will be used by their organisations to provide education and training to their members, targets of this project. This collaborative partnership gathers six European partners; two cycling federations, a Faculty of Physical Education and Sports, one sports club, one centre for performance excellence in cycling and a leading research & development centre





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The project aims at improving the knowledge, skills and competences of both trainers and cyclists of all ages through:

- a) elaboration of an e-learning platform containing digital tools for both, trainers and cyclists of all ages and performance levels;
- b) design, development and testing performance software for trainers and professional cyclists.

Home / Digital Platform								
DIGITAL PLA	TFORM							
	The digital platform represents the innovation of this project, which lies in:							
C-TRENDS	 identifying the latest trends in sport theory and practice; the joint collaboration of experts from different countries and backgrounds; co-production of innovative educational content using digital technologies. 							
	5	The use of digital technologies in education has become a standard in education, training, science and research not only in the world of education and work, but also in sports education.						
Visit the platform	digitalisation of education i education contents provide form of teaching, promotes but we want to benefit from	Trends in education focus on the effective use of digital technologies and digitalised education & training contents make it accessible. The digitalisation of education materials is a global trend and at the same time, a logical step to advance in this highly digitalised age. Digital education contents provide access and engage a wide spectrum of sensory and cognitive functions. It represents an attractive and effective form of teaching, promotes clarity and links theoretical knowledge with practical life. We don't aim at replacing the traditional way of teaching but we want to benefit from the advantages of modern technologies where their use make sense. Our goal is to achieve synergies between traditional and online education and this is highly innovative in our education and training of our trainers.						
	C-TRENDS platform brings together project outputs in one place:							
	 IO1 as Basic level IO2 as Advanced level IO3 as OptiCycle softwar 	e						
	All parts contain information for five disciplines in cycling (road cycling, track cycling, mountain biking, cyclocross, cycling for the disabled) and are available in six languages: English, Slovak, Spanish, Portuguese, Hungarian, Greek.							
	Basic level contains:		Advanced level cor	tains:	OptiCycle			
	 Characteristics of cycling sports Structure of sports perfo Biomechanics 		 Sports anatomy Physiology of pl Human / athlete of fitness skills 	ysical exercise ontogenesis in terms	cyclist (IO3).	ative training softwar s developed within the This software is base ical expression of the	he project ed on the	

IO1 – Digital Platform & Interactive Resources. Outcome provides trainers and cyclists of all ages and performance levels with OER in five disciplines and containing relevant and updated information in different areas of cycling.

IO2 – Methodological Guide for Trainers: contains methodological guidelines for trainers and professional cyclists to improve their training and sports performance.

IO3 – OptiCycle Software: consists in software development using data mining to help professional athletes to better and more precisely plan their training in view of maximizing their performance.







The digital platform represents the innovation of this project, which lies in:

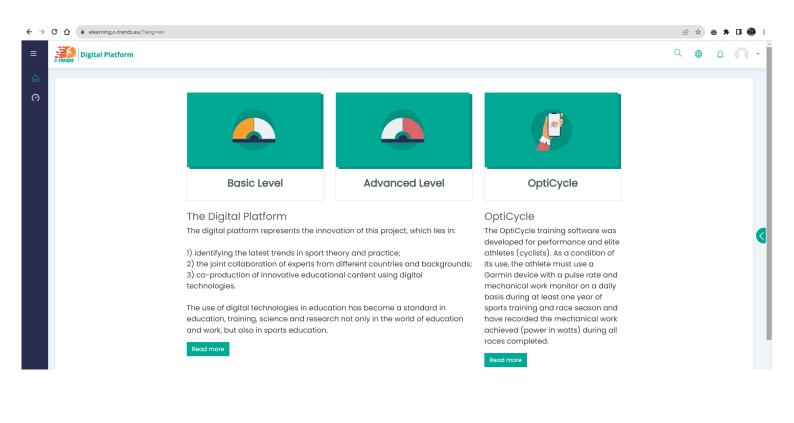
- 1. identifying the latest trends in sport theory and practice;
- 2. the joint collaboration of experts from different countries and backgrounds;
- 3. co-production of innovative educational content using digital technologies.

The use of digital technologies in education has become a standard in education, training, science and research not only in the world of education and work, but also in sports education.

Trends in education focus on the effective use of digital technologies and digitalised education & training contents make it accessible. The digitalisation of education materials is a global trend and at the same time, a logical step to advance in this highly digitalised age. Digital education contents provide access and engage a wide spectrum of sensory and cognitive functions. It represents an attractive and effective form of teaching, promotes clarity and links theoretical knowledge with practical life. We don't aim at replacing the traditional way of teaching but we want to benefit from the advantages of modern technologies where their use make sense. Our goal is to achieve synergies between traditional and online education and this is highly innovative in our education and training of our trainers.

- IO1 as Basic level
- IO2 as Advanced level
- IO3 as OptiCycle software

All parts contain information for five disciplines in cycling (road cycling, track cycling, mountain biking, cyclocross, cycling for the disabled) and are available in six languages: English, Slovak, Spanish, Portuguese, Hungarian, Greek.





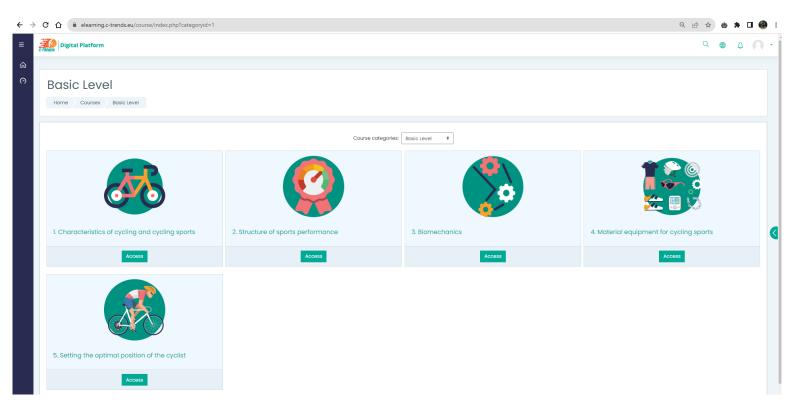
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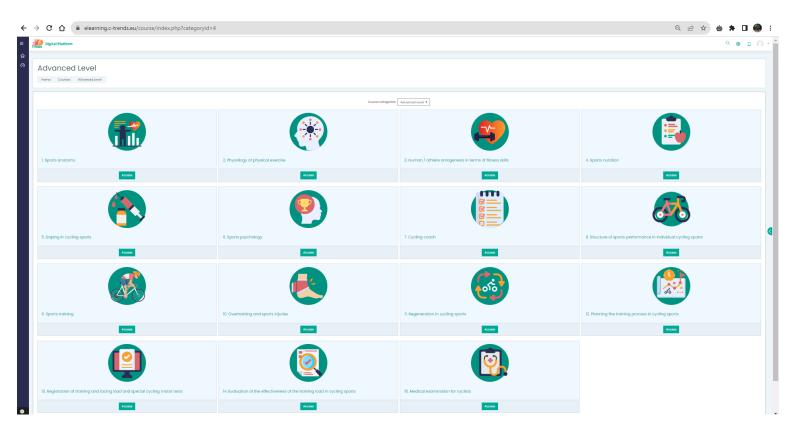




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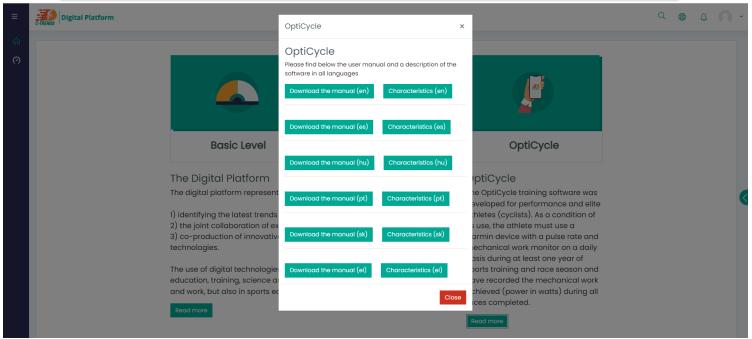


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OptiCycle	Add new analysis	
Add new analysis All my analysis	Zipped Garmin data Choose File No file chosen	Number of months before race to consider
	FTP length (min)	Statistical significance (%)
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	Comment	
	Launch analysis Please, load Garmin ZIP, months nur	mber and choose at least 3 race dates



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To achieve its objectives, the project consortium implemented a total of 58 dissemination activities both physically (open-day events, workshops, informative sessions, presentations, conferences) and online (social media posts, media articles, press releases, newsletters, broadcasting), with potentially reaching 495 546 people and additional 144 000 000 (from the broadcasting and TV coverage on Eurosport) directly or indirectly at a local, regional, national and European level including amateur and professional cyclists and athletes, coaches and trainers in the field (beginners and advanced), internal and external sports experts, policymakers and stakeholders, academics, university staff, students, youth and the general public.









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