

# Polygon for Physical Activity of School Children 

OPERATIONAL PROGRAM

## Efficient human resources

2014.     - 2020. 

## EMPLOYMENT

SOCIAL INCLUSION

## EDUCATION

BETTER ADMINISTRATION


„Health is a state of complete physical mental and social welfare, and not merely the absence of disease"
„It is easier to maintain a healthy person healthy, than to treat an ill one!"

Global Recommendations on


Physical Activity for Health
5-17 years old

bone, at least 3 times per week.

 should meet these recom mendations. Howevery
care provid rounderstand the yyps and amour
for them considering their disbility.
If chidren are currently doing no physical ac
recommended levels will bring more benefis tu recommended levels will bring more benefift th
start with small amounts of physical activity
frequency and intensity over time. The concept of accumulation refers to meeting performing activities in multiple shorter bouts


of School chlidien

## Prevalence of Sufficient Physical Activity Levels


,"Students who participated in Physical Education one to four days per week were 1.44 times more likely to achieve the highest level of MVPA, compared with those who did not take Physical Education (Gordon-Larsen et al., 2000)"
„Physical Education displayed a positive contribution to increasing daily moderate to vigorous physical activity and decreasing daily sedentary time among youth. Active participation in Physical Education classes increases the chance to be more active and less sedentary beyond Physical Education among youth." (Chen, 2014)
„Attending Physical Education classes is associated with a higher level of physical activity and a lower level of sedentary behavior in and out of school during weekdays in children from countries at various levels of development." (Silva, 2018)

Elementary schools without school gyms, Croatia in 2014/2015

of School cnidicien


# Polygon for Physical Activity of School Children 

## 



## OVERALL GOAL

 To provide an opportunity for regular physical activity to children attending schools without physical education facilities.


TARGET POPULATION
School-aged children and teachers

## METHODS

## Identification of school without school gyms

- collaboration with educational sector


## Polygon equipment procurement

- Equipment set - 25 moveable elements + Manual


## Education of school teams

- Three-memeber teams: teachers and kinesiologists

Implementation, Evaluation, Supervision and Support


## MAIN OUTCOMES

Students will be able to regularly engage in physical activity in schools

Students will be able to participate in Physical Education class in school regardless of weather conditions

Teachers will be able to implement a full curriculum of Physical Education course

Teachers will be able to rise quality of the Physical Education class implementation

By using multifunctional sets of kinesiological aids in a creative and innovative way

of Scrool children

EVALUATION

PILOT
PROJECT
2012
PROCESS
EVALUATION 2017


## SUSTAINABILITY



# European Union 

European
Social Fund

## BARRIERS

Teachers' motivation

## ENABLERS

Multiple stakeholders

Control of use
Innovative approach
Easy implementation
Minor financial requirements
Government support


## LESSONS LEARNED

-The Polygon project is likely to help school-aged children in reaching the recommended level of physical activity by minimizing the problem of implementing full-time compulsory PE in primary schools without sports facilities

The Polygon equipment set can be used in teaching PE both indoors (classroom, lobby, hallway or another area) and outdoors

## LINKS TO ONLINE SOURCES

https://www.hzjz.hr/wp-content/uploads/2016/10/POLIGON-ZA-TJELESNU-AKTIVNOST-\�\%AOKOLSKE-DJECE.pdf
https://www.hzjz.hr/sluzba-promicanje-zdravlja/poligon-za-tjelesnu-aktivnost-skolske-djece/
https://dnevnik.hr/showbuzz/mladi_i_neizbjezni/kinezioloski-fakultet-iz-zagreba-predstavio-suradnju-s-udrugom-ljubav-na-djelu--$335446 . \mathrm{htm}$
https://www.vecernji.hr/showbiz/poznati-sportasi-odusevili-i-darivali-oboljele-malisane-910914



