

ERASMUS+/YOUTH – KEY ACTION 1

PARTICIPANTS' INFO PACK ON „ECO TESLA“

AN INTERDISCIPLINARY YOUTH EXCHANGE PROJECT



ADVANCED PLANNED VISIT (APV)

City of Zagreb (Capital of Croatia)

From 4th till 6th of September 2016

YOUTH EXCHANGE

City of Zagreb/Smiljan/Zadar

From Sunday 08th of October til Sunday, 14th of October 2016.



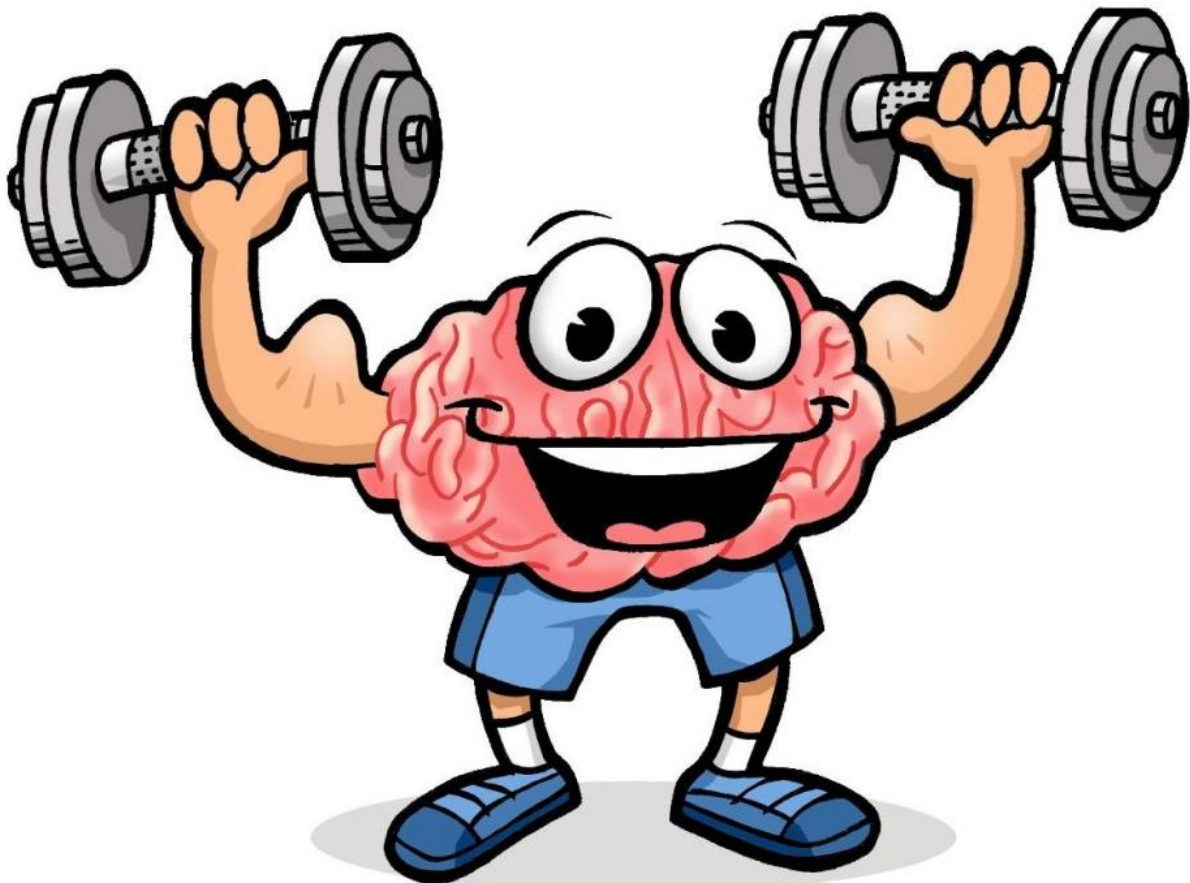
Short presentation of the project:

“Eco Tesla” project aims at providing students (youth age 13 – 20) with an insight in interdisciplinary areas which explore brain structures and its functioning as well as development of artificial intelligence. To actuate the area of possible socially useful work throughout practical implementation of recent findings in scientific fields of ecology, sustainable development, psychology, engineering and computing. In order to further improve skills and competences, parallel to learning content of described scientific areas, we implement and develop all sorts of formal and informal methods of learning; most of the work will be done in small active research groups.

Four sequences of the project:

BRAIN GYM

Performing the Brain Gym exercises the participants will get the chance to include their feelings, senses and life forces into the area that they are learning in. Within the first workshop of the Brain Gym the participants will be given an explanation of the concept and main point in the form of a slideshow. Participants from elementary school Fran Galovic, who already have prior experience with the Brain Gym will have the task to demonstrate the exercises and exercise with the other participants and will do so every morning together with the inclusion of music.



ECO WORKSHOPS

The ecology workshops will take place within a setting that includes nature. Participants will be given activities that will be performed in smaller groups such as: photography, recycling, orientation, gathering of natural materials, pressing, making of a nature-book (filled with various plants) and to make a commercial for a eco product... For the realization of this workshop cooperation has been agreed with the Eko Zadar Association, Croatian Forests Association (Hrvatske sume) and Vice Vlatkovic high school. Furthermore, the elementary school of Fran Galovic is in charge of the realization of this workshop.

For example, on the second day the participants will be going to the informative path „Martin breg" where they will with multinational groups perform specific activities. One of them is based on orientation where they will have the task to take a picture of a specific type of plant or animal for a virtual collection of bio different paths. Furthermore, they will also collect plants for a common nature book which they will be taking care of even after the exchange.



LEARNING AND REMEMBERING

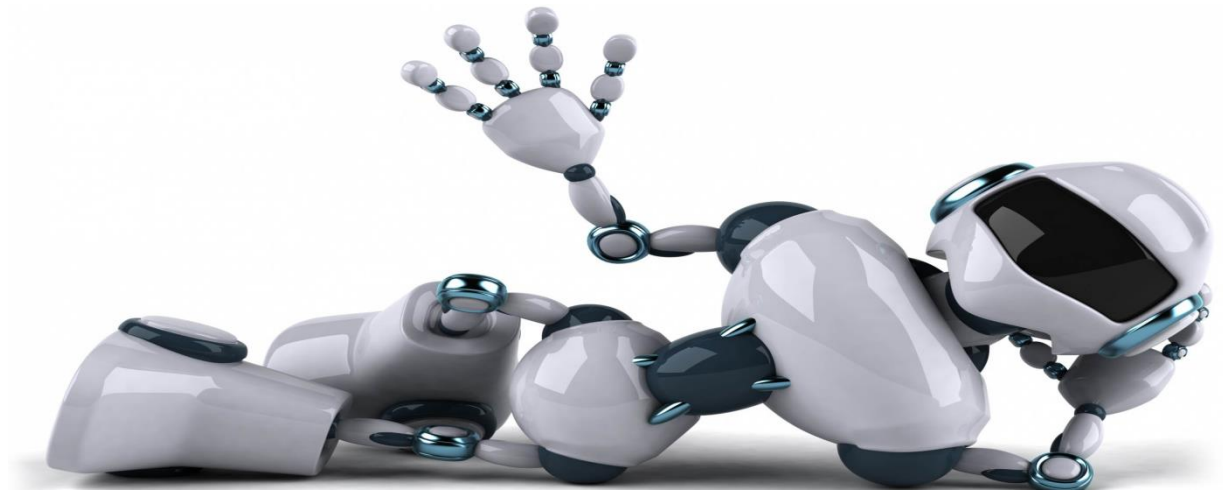
The workshops during the exchange program which are based on learning and remembering will be performed through the frontal work method and through work in smaller groups. As well participants will learn through the reading and talking method and through researching with multinational groups.

**Learning...and
Remembering**



ROBOTICS

Through a few workshops students will learn about inventions, robotics and informatics. For example, students will be divided into groups of 2-3 students and will be making their own "smart" robot in the shape of a robot trolley which will be able to move independently as well as avoid obstacles. Furthermore, during the workshop at the University of Electrical Engineering and Computer Science participants within groups will program Lego Mindstorms robots.



BACKGROUND ACTIVITIES DURING THE YOUTH EXCHANGE:

CULTURE AND TRADITION

Treasure hunt Zagreb- while working in teams students will be finding solutions to puzzles using a map of the city while trying to find the coordinates to specific pieces of the 'treasure' (these will be put around Zagreb at alternative sites). Multinational night and Storytelling workshops are thematically intertwined with traditions and cultures because within these workshops we will see the presentation of customs and the countries from which they are coming from. While during Storytelling participants will be telling traditional stories on their mother language about their countries.



FIELDTRIPS

✚ **LEARNING ON NIKOLA TESLA (Memorial Center Nikola Tesla)**

✚ **LEARNING ON SUSTAINABLE DEVELOPMENT (Krka – Croatian National Park)**



At the Memorial center of Nikola Tesla participants will have a interactive lecture where they will have the chance to become familiar with the Center itself, as well as included in health workshops in smaller groups.

In Zadar a workshop will take place with the high school Vice Vlatkovic who has their own Solar Education Center where the students will be able to see how solar panels and wind powers function. As well, participants will shoot a video of a anthem about friendship on the Croatian language and then on the Lithuanian language.

In cooperation with the Association of Eko Zadar the workshop with the topic of renewable energy and recycling will take place within the National Park Krka where every participant will have the chance to become familiar with the humanitarian project NP Krka „Unplug for entrance”.

Partners: FER – Faculty of Electronics and Computer science, Zagreb, Croatia, High School of Vice Vukovic, NP Krka

Objectives and Goals: Encourage Youth to develop skills that can later be used in their active social engagement. Practice the useful practical implementation of the recent findings in scientific fields of ecology, sustainable development, psychology, engineering and computing.

Working methods:

- We will use a mix of the following methods depending on the needs of the participants and the group dynamic:
 - Theoretical input
 - Creativity workshops;
 - Treasure hunt games; Geocaching

- Good practices sharing (local and European);
 - Visitations and fieldtrips;
- Show your skills workshops (participants teach/show the others a method, technique, game)
- Audio and visual arts (making the video, commercials, anthem)



Participants

- Profile of participants: Youth (13 to 20 years old).

Working languages: English

Financial Conditions

The participants are provided with 100% reimbursement of the travel expenses (but no more than amount from distance calculator:

http://ec.europa.eu/programmes/erasmus-plus/tools/distance_pl.htm) (Usually it is up to 170 euros for Lithuanians) on the basis of the documents stating the costs - meaning boarding cards, electronic tickets (in the case of lack of the cost on the electronic ticket please bring another document with the price stated), train tickets (2nd class, with the price stated), bus tickets (with the price stated).

A participation fee covering administrative costs for this project is 50 euro (the fee will be paid in Euro for Lithuanian organisation "Apkabink Europą", by bank transfer; the

fee will be paid after the participants are selected). Please don't pay any fee before you receive the confirmation e-mail).

PLANNING THE TRIP FROM LITHUANIA TO CROATIA



The most economical way of transport is to go to Warsaw by bus (Ecolines, Lux Express, Simple Express) and then to take a direct flight Warsaw – Zagreb. The same option can be used for the return trip. It is possible to use other flight options with the transfer flight in Vilnius. Organizers will cover 170 euro per person for travel expenses. You have to keep all original flight documents in order to receive the reimbursement money.

Youth partners will be accommodated in the families of Croatian youth from the program for gifted children for bed and breakfast. All of the other beverages and food the participants will receive in School or in restaurants if it is planned (e.g. during Croatian traditional night of Zagreb sightseeing).

Accordingly, all the participants will be given City of Zagreb's Tourist info bureau's souvenirs, Map of the City and a Map of the local community of Dugave; other useful information such as contact information on important institutions (Police, Ambulance, and Embassy), contacts of Family hosting and the diary of Youth exchange.

For additional road trips and excursions, participants will be given maps and useful information. Also, on the first day, participants will be given tour of the school cafeteria, school classrooms that will be in use during the Youth visit, and the local community.

All of this time, the project leaders and/or project coordinator will be present with the Youth and will be available for all the additional or basic information and help in any time during the visitation in Croatia.

Contacts

If you have any questions feel free to contact us via Facebook (as a private message) <https://www.facebook.com/EUROHUGS/> or e-mail: eurohugs@gmail.com
Please mention „ECO Tesla” when you contact us.

Person in charge for this project:

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We are already very excited and waiting for You in Croatia!