



Global Junior Challenge

Projects to share the future

Published on *Global Junior Challenge* (<https://www.gjc.it>)

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Project Location

Country: Latvia

City: Riga

Organization

Organization Name: TJN "Annas 2"

Organization Type: School

Specify: Self funding

Privacy Law

Consenso al trattamento dei dati personali

Do you authorize the FMD to the treatment of your personal data?: I do authorize the FMD to the

Project Type

Education up to 15 years

Project Description

Description Frase (max. 500 characters):

Everything started when little cousin broke his RC car and aunt asked do i need any of the parts found in there, i said that whole car could be re-used and then i got the car. I putted in big battery, lights, Arduino, H-bridge, Bluetooth module and some sensors.

Project Summary (max. 2000 characters):

Car that is switchable between two modes -- autopilot and remote controll.

How long has your project been running?

2017-08-01 00:00:00

Objectives and Innovative Aspects

Wanted to make a car that could be remotely controllable and self-driving. Bluetooth module to controll it remotely and ultrasonic and infra-red sensors to make it self-driving.

Results

Describe the results achieved by your project How do you measure (parameters) these. Car is no
(max. 2000 characters): Car brake

How many users interact with your project monthly and what are the preferred forms of interaction? (max. 500 characters): Gave ren

Sustainability

What is the full duration of your project (from beginning to end)?: Less than 1 year

What is the approximate total budget for your project (in Euro)?: From 10.001 to 30.000 Euro

What is the source of funding for your project?: Other

Is your project economically self sufficient now?: Yes

Since when?: 2017-09-01 00:00:00

Transferability

Has your project been replicated/adapted elsewhere?: No

Where? By whom?: Teaching others.

What lessons can others learn from your project? (max. 1500 characters):

1. Broken toys can b
2. You do not need a
3. You do not need c


Are you available to help others to start or work on similar projects?: Yes

Background Information

Barriers and Solutions (max. 1000 characters): Self made H-bridge did not work. Self made H-bridge

Future plans and wish list (max. 750 characters): Take part in the robotics challenge.

Attachments:  [Front view](#) [1]

 [Side view](#) [2]

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[Fondazione Mondo Digitale](#)

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Organizzazione con sistema di gestione certificato UNI EN ISO 9001:2008 / CERMET n.6482

Source URL: <https://www.gjc.it/en/progetti/dual-mode-arduino-car>

Links

- [1] <https://www.gjc.it/sites/default/files/img-20170831-wa0000.jpg>
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