

CWSF 2016 - Montreal, Quebec



Yosi Kohen Kutucu

"ALTERNA-TESLA" ENERGY BAG THAT CAN STORE ENERGY FROM RENEWABLE RESOURCES

Challenge: International

Category: Senior

Region: Turkey

City: ISTANBUL,

School:

Abstract: This study designs an energy bag that is portable and can produce 230 Volt/50 Hz current with an optimum efficiency during the transformation of energy produced from renewable resources and stored in new generation lithium iron phosphate batteries of 7 to 10 years of life span and with a 1 kWh power (that can be increased up to 6 kWh).

Biography

My name is Yosi Kohen Kutucu. I was born and raised in Istanbul, Turkey. Currently I am studying in Ulus Private Jewish School. I was introduced to science when I was 6. My father bought our new house in 2004 and when he was looking over the apartment I was also with him. Later on I tried to build the building by myself with K'nex. After building the residence I thought that there was something missing from the building. I realized that it would have been very dark so I tried to put some lights inside the K'nex. This made me understand that I should really start to learn how electricity worked. Later while I was growing up I started to learn about Nikola Tesla. Whenever I look at a project I try to understand his work and try to imitate projects that he would have done. Last year I got the first step to the Nobel Prize in physics. I also attended Intel Isef, I Sweep, Innovation week, Doesef. Due to that fact, my aspect of life changed. Nowadays I am thinking about going to university in Canada. If you want to produce project think outside of the box.

Awards

Value

Silver Medal - International	
Sponsor: Youth Science Canada	
Total	\$0