

PROJECT HYDR PORT

ENERGY

EN·ER·GY | \ 'E-NƏR-JĒ \

THE SUPERPOWER USED TO MAKE LIFE EASIER FOR PEOPLE

INTRODUCTION

TRAFFIC JAMS ARE CONSIDERED AS AN ANNOYANCE BY EVERYONE. WE MIGHT THINK THERE IS NOTHING HELPFUL ABOUT A TRAFFIC JAM FILLED WITH CARS.

BUT, DOES IT SEEM LIKE AN ABSURD IDEA FROM A SCI-FI STORY WHEN WE SAY WE CAN LIGHT HOUSES USING CARS?

11 SUSTAINABLE CITIES AND COMMUNITIES



7 AFFORDABLE AND CLEAN ENERGY



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



PROJECT HYDR PORT

OUR PROJECT

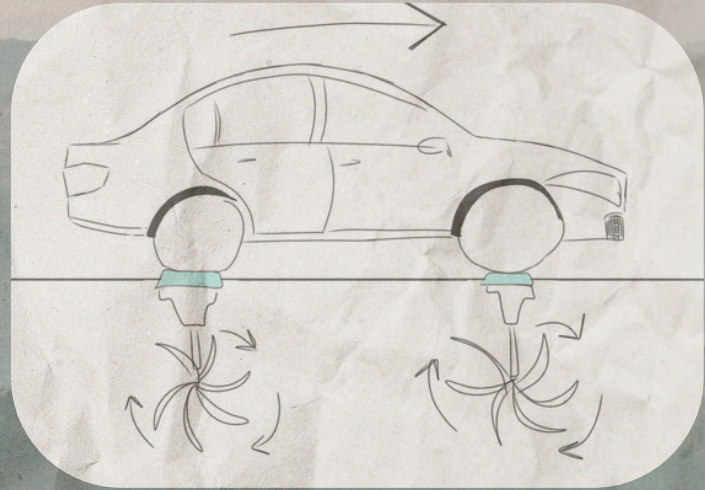
THIS IS A SYSTEM WHICH CONSISTS OF CAREFULLY DISGUISED BUTTONS, WHICH ARE ATTACHED TO TURBINES THAT GO UNDERGROUND. THESE BUTTONS ARE PLANTED ON ROADS AT REGULAR DISTANCES. THE VEHICLES TRIGGER A ROD, WHICH IN TURN TRIGGERS THE TURBINE. THESE TURBINES START ROTATING TO PRODUCE KINETIC ENERGY THAT CAN BE UTILIZED TO GENERATE ELECTRICITY.

AIM

THE AIM OF THIS PROJECT IS TO CREATE A METHOD OF GENERATING AFFORDABLE AND CLEAN ENERGY WITHOUT USING EXTRA RESOURCES.

"HYDRO" MEANS ENERGY IN CANADIAN ENGLISH

WE HAVE TAKEN "PORT" FROM TRANSPORT



STEPS TAKEN & CHALLENGES FACED

- CONTACTED ROADS AND TRANSPORT AUTHORITY, UAE (RTA) AND RECEIVED FEEDBACK
- CONTACTED EMIRATES NATIONAL OIL COMPANY (ENOC) AND WE AWAIT THEIR POSITIVE RESPONSE
- CREATED AN INSTAGRAM ACCOUNT TO SHARE KNOWLEDGE ON OUR PROJECT
- RECEIVED FEEDBACK & SUGGESTIONS FROM OUR SUPERVISOR

Dear Customer,

Your case number 2507375 has been reviewed by the concerned department and it is concluded that no action is required as it is not related to RTA. We look forward to have your future inputs. For further information call 8009090 or visit www.rta.ae

To serve you better, we appreciate your input in the below survey: <https://aop.knowledge2rak.com/fit-survey/2192/whs3co/2>

Regards,
Customer Happiness Department
Roads and Transport Authority
www.rta.ae

Sindhu Ramesh

to me, nikhil

Good Evening Team Project Hydr'o'port

Wishing you all success in your pitch!

One suggestion if I may – instead of buttons under road, why not radar controlled sensors to trigger turbine?

If there are buttons under the road – wont the road be unstable? And you were talking about Highways – where very heavy vehicles roll too Just a thought that crossed my mind

And like I said – anything is possible in UAE – So go for it!

All the best 🍀

OUR TEAM



TRISHA
SAYANI



MEGHA
AVINASH



SNOWIA
RAJEEVAN



NAVANEETA
TEJOMAYI

PLEASE DRIVE,
ENERGY GENERATION
IN PROGRESS

