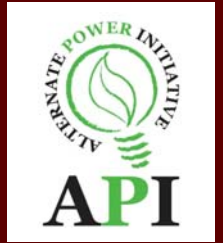


Alternate Power Initiative News Letter

ISSUE 03 MAY 2011



The Alternate Power Initiative is a committee of the Whiting-Robertsdale Community Improvement Corporation, Inc., a 501(c)(3) entity

www.alternatepowerinitiative.com

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Editor: Greg Krabbe

Remarks from the Chairman

Here we are the end of May and the weather has shifted from the cold wet of mid march to the heat and mugginess of late July, over night!! I guess that this is just a typical Chicago spring.

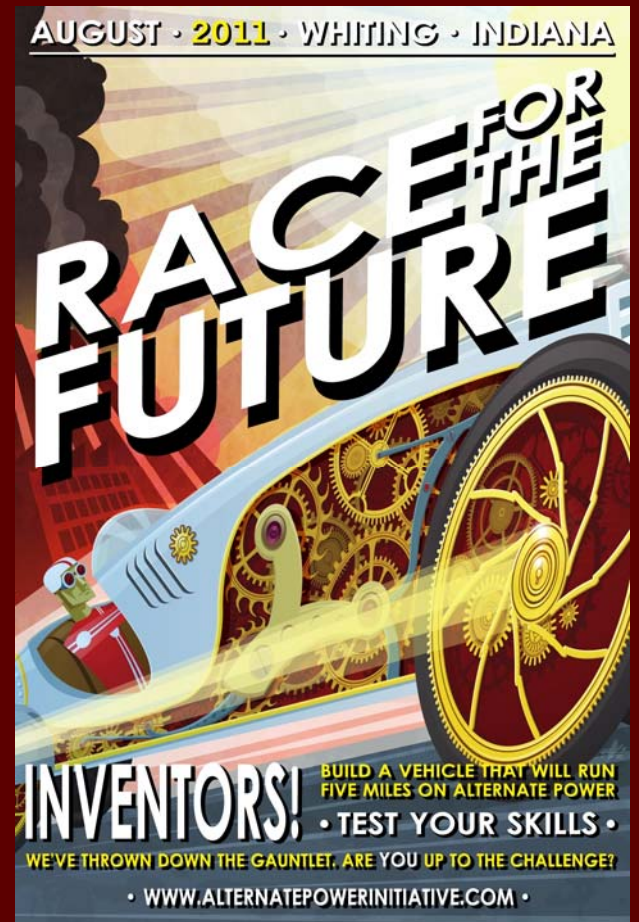
I want to take just a moment to thank all of you; Advisory Board members, friends and especially the contestants who have dedicated your time and talents to make our "Race for the Future" possible. Choosing to enter our competition is a major commitment of time, energy and money, it takes great courage and heart to continue working towards this goal in the face of frustrating design problems and life's daily pressures and stress.

Thank you inventors young and old, dreamers all, for your hard work and dedication to the idea that together we can make a difference and contribute to a more sustainable future.

Keep up the good work, don't stop dreaming and never give up.

Bill Halliar

Chairman; Alternate Power Initiative Advisory Board



Race Contestant Interview

James Neissa

How did you first become interested in the race?

I originally became aware of the race through the online website www.makezine.com which was displaying the competition as sort of advertisement. I thought to myself how I liked to build things and thought I should be able to do very well in such a competition given my competitive nature.

My Vehicle:

Currently, I am still in the design phases of the competition. That being said, I do have a general idea of what I am looking to build. In my mind the answer to the fuel crisis is not to continue to use fossil fuels at all, whether they are combusted directly or indirectly in the production of mechanical energy. As such, I have developed a design for an electrical energy storage device not using any form of a battery but mechanical potentials. This technology, offers inherent benefits over previous designs. Firstly, it allows the use of already extremely efficient electric motors which are produced by multitudes of companies around the globe lowering cost for each vehicle. Secondly, performance: there is no lag time while any form of combustion process takes place. Finally, this will not be a shock to the globe. Electric vehicles have already become very prevalent in modern day society. With this we have all seen the progression from the use of Lead-acid batteries only a few years ago to now Lithium Polymer batteries, shedding weight and increasing performance. As such this new technology could be very quickly adopted into the already exploding industry of electric vehicles.

Besides this the test platform utilized will be of a go kart design mounted on light weight tires. The frame itself will make heavy use of composites and modern light weight super alloys in order to keep the power to weight ratio very favorable.

Where do you work? Please feel free to plug your company, with any and all relevant info, or a slant on how you sell your niche in the market place.

Currently, I am a senior in high school outside of Boston, MA. Therefore I have not had much "Professional" training thus far. That being said I will be attending Stanford University in the fall of 2011 to study some form of engineering. Now, I am very involved in math and science, I have done research spanning the spectrum of modern day science, working one on one with experts in their field at leading institutions in the area including, MIT, Harvard, Brigham and Women's, and BC. I am very fortunate that I have friends and family who have supported me in this venture and as such I have now a fully outfitted shop containing the latest in rapid production, CNC, CAD, Digital renderings on the market today.

This has only been possible through the success of my own personal company Neissa Industries. Founded by myself about a year and half ago, Neissa Industries is one of a handful of companies producing competitive grade Ski Wax on the market. Over the past year the company has experienced phenomenal success growing by over 250% in one year alone. The funding for this project has come from this success and other investments from other locals.

Tell us about your family and any activities you enjoy as a family:

I am the oldest in my family as such my activities are limited to mostly watching my brothers when my parents are out. I mostly though occupy myself with my projects , normally having at least two running at any given time, since my father is travelling often due to his work and my mother has her hands full enough already with my two younger brothers.

How did you come up with your idea? Inspiration, articles, past efforts, etc..

Do you have a particular passion for green energy or alternative fuels, etc..

The idea came to me while traveling abroad, in the country of Switzerland to be precise. I have always loved to build moving vehicles since there is a greater sensation of accomplishment in having something you can ride on rather than a piece of work that just sits on a shelf. In reality I have never had a truly green thumb I have always been environmentally conscious but never a flower loving hippie so to speak. As a result no my house isn't powered by renewable energy and I don't drive a Prius around but I do think we need to start to control our greenhouse emissions.

Advisory Board Member and the spirit of the “Go Getter”

Norb Dudzik

Normally in this space we feature an in depth discussion with one of our Advisory Board members but instead this month I would like to celebrate the spirit of the “Go Getter”, a trait to be found in each of our board members, a propensity which makes each one stand out as a leader in his or her chosen field.



A Go Getter is filled with initiative and enthusiasm for the task at hand and is passionate about life, and work as well as play. A Go Getter always finds a way to “Make it Happen”, no matter the obstacles, he finds the solutions. If you ask a Go Getter to do something for you it is as good as done!

In particular I want to thank our own Norb Dudzik of Whiting Indiana who embodies the principles of the Go Getter in our small town. Whiting is a festival town, and we do love our parades, any excuse to dress up and sashay down the 119th street. Whenever the streets of Whiting are filled with celebration you can be sure that Norb will be there, somewhere in the background, signature stogie in hand, contributing major support to pull the whole thing off.

Norb is a Go Getter, he gets the job done, and you can count on his word and be sure that his zeal will carry the day. If your energy begins to flag or you doubt whether you will succeed a conversation with Norb will bolster your courage. Norb’s unbounded enthusiasm for our race along with the ideas, support and energy of our entire Advisory Board will ensure the success of our *Race for the Future* in 2011 and into the future.

So thank you, all of you Go Getters, it is your spirit that will create the future.



Green Day Celebration

We have been invited to participate in the “Green Day “ celebration at the RailCats Stadium, 1 Stadium Plaza in downtown Gary, check out their web site for details. Here is a short note from Radley Robinson, Community Relations Manager for the RailCats;

“The Green Day at U. S. Steel Yard, June 23rd, is our day to promote Green activities and ideas. In the past, we’ve had recycling bins on our concourse, given out flowers, and provided information about the various recycling programs in NWI. This year, we plan to continue most of these and would like to have the alternative fuel vehicles here if possible. Another idea in the works, though still tentative, is giving away a tree to each fan at the game. The game is also our Youth & Senior Day, in which senior citizens, senior groups, and daycares receive discounted tickets and a voucher for a hotdog, chips, and soda. With an early start, it’s a popular day-game for many groups.”

All of you are welcome to participate and show off your vehicles, if you would like, or just come out for the fun. We will use the day as an opportunity to promote our August 27 race and to invite folks to attend and watch the fun in Whiting.

If you are interested please let me know by e-mail, info@alternatepowerinitiative.com .

Thanks again to the RailCats and Radley for their support.

“This thing we call failure is not falling down, but the staying down.”

-Mary Pickford

"You get in life what you have the courage to ask for."

-Oprah Winfrey

**Here are some web sites that
you might like to visit;**

**How to build just about
anything!!**

www.instructables.com

**PDX Adult Soapbox Derby
(Interesting gravity powered
contest)**

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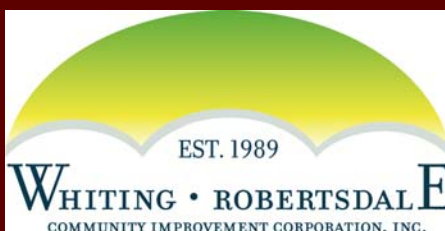
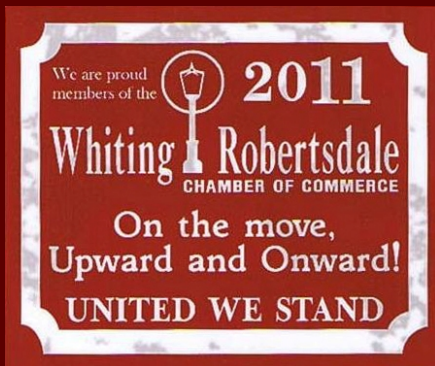
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