



The Road to a **Zero-Waste** Holy City

A Complete Over View

Project By: Novel Tech, Canada



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Introduction

Noveltech Inc. is a Canadian based company – which is located in Calgary, Alberta. We provide technical services and expertise in the fields of Chemical Processing Plant Design and Installation, Renewable Energy, Conventional and Alternative Power Generation Systems, Bioethanol/ Distillation Units, Biogas Plants, Industrial Waste/ Waste Water Management and Recycling, Instrumentation and Control Systems, Machine Works, Civil Construction and Structural Design/ Foundation Works for Industrial Plants. We make sure every project crosses the finish line on time, within budget, and with the highest quality craftsmanship possible.

The logo for NovelTech features the word "NovelTech" in a blue, sans-serif font. The letter "o" in "Novel" is replaced by a green leaf icon.

The Study

Waste

Burning of waste in Karbala not only effects the environment by making it polluted but also increases the temperature by additional 5 Degrees.

Job less Locals

People of Karbala require jobs that pay well.

Lack of Plants

Although Karbala is a beautiful place but there is a lack of natural beauty like plants, which is the reason of less rain. Global warming effects course dust storms, a serious concern for both residents and zawars.

The Study Cont.

Power Shortage

12 to 14 hours power failure due to shortage.

Education

Karbala is rich of spiritual and religious education, but a gap in meeting the International level education from grassroots level is to be fulfilled.



Zero Waste

We will make Karbala not only clean by recycling the waste but to save the holy city from pollution and global warming.

500 MW

Power Generation

Produce 250 megawatt electricity to resolve power shortage issues, which will be doubled in coming years.

What to Implement

Our Plan



2500+

Job Creation for Locals

2500 plus Local Karbalai, Iraqis will be onboarded on our project on good payroll

What to Implement

Our Plan



10 Million

Green City

3 Million Plants will be placed in Karbala city in 2 years time and 10 Million in 7 years time. There will be 14 types of plant species.



Education

Our professionals will not only educate and train our staff on different subjects such as Marketing, Supply Chain and many more but also contribute in introducing these facilities in existing education system in Karbala and near but also in upcoming Universities with International Affiliation.

The Philosophy

- To Serve Imam Hussain A.S
- To Serve Progeny Of Imam Husain A.S
- To Serve Companions Of Imam Hussain A.S
- To Serve Aaqa 'O' Mola Abbas A.S
- To Serve Zawar
- To Serve Karbala and its people



TO BE AT SERVICE



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Mission



To create value by renewing and sustaining our resources and our environment.

Core Values

SERVICE

We win when we help others. We are willing servants. We are sensitive to needs and are eager to be a resource to everyone around us, being generous with our time, talent and energy.

TRUST

We excel when we assume the best in each other. Mutual respect and an open, honest environment mark our interactions with others. We acknowledge each other's contributions, we practice active listening, and we deliver on our promises.

RESPONSIBILITY

We succeed when we balance our freedom to act with a sense of accountability. We invest deeply in creativity, autonomy and the willingness to take risks. We recognize these investments bear the greatest fruit when exercised within a framework of disciplined boundaries.

INTEGRITY

We thrive when we do the right thing. We believe there are enduring principles for everything we do and we strive, in our words and deeds, to meet or exceed those standards.

CONTINUOUS IMPROVEMENT

We prosper when we learn, understand and improve. We create opportunities for human talent to thrive. We share what we've learned. We apply the lessons we learn every day to the goal of getting better and better at everything we do.

TEAMWORK

We're more effective when we work together. Our impact is consistently stronger when we respect, support and view each other as partners.

Global Climate Change

Climate change is an alteration in the statistical properties of the climate system, which include temperature, humidity, wind and rainfall. It can be influenced by the oceans, land surfaces, atmosphere and ice sheets over geological time scales (usually at least 30 years). Changes in climate occur as a result of both natural and human-induced causes.

According to the fifth assessment report (AR5) of the the Intergovernmental Panel on Climate Change (IPCC), the average global temperature has increased by 0.85°C from 1880 to 2012. This is known as global warming, one of the key factors causing climate change.

Climate change includes a broad range of global phenomenon, in addition to global warming, such as rising sea levels; accelerating ice melt in Greenland, Antarctica, the Arctic and mountain glaciers worldwide; shifts in flower/plant blooming; sweeping changes in food production conditions; and extreme weather events such as floods, storms, heat waves and droughts.

The Arctic sea is believed to be melting at a shocking rate of 9% per decade. Polar animals such as polar bears, ringed seals and sea turtles, and rainforest dwellers such as orangutans are all under threat. The sad truth of climate change is that most of the debilitating effects will persist for many centuries even if the emissions are stopped now.

The good news is that we can still make a difference and avert a catastrophe for our planet, by human will and action starting now.

Source:

<https://www.science.org.au/learning/general-audience/science-booklets-0/science-climate-change/1-what-climate-change>



Mr. Syed Arshad Zaidi

Chairman

My sole purpose of life now is to serve Karbala, Imam Hussain A.S, Mola Abbas A.S for the rest of my life, die as their servant and be buried in this holy land. All my expertise and my life belongs to them only.

Industries

1. MSW Sorting System
2. Paper + Card Board Recycling Plant
3. Plastic (Pet-PP-PVC) Processing + Recycling to Resins
4. Plastic Injection Moulding & Blow Moulding Plant
(Bottles, Bins, Furniture, Kitchen Ware, Manufacturing Barrels, Household Items, Polythene Bags, Jumbo Bags, Shopping Bags)
5. Metal, Alluminum, Iron, Steel Foundry
6. Hospital Waste Processing Incinerators + Plant
7. Printing setup for Card Board, Paper, Banners, Posters, Cyloflex
Promotion + Campaign, Printing + Designing
8. Waste Oil & Engine Oil Recycling Plant
9. Asphalt + Concrete Crushing Plant to process Debris
10. Gypsum Board + Dry Wall Manufacturing Plant. Titan Walls Process
to construct Rapid Construction / Development
11. Constructing and Manufacturing Brick from Ash + Carbon Black for
road pavements & Gardens
12. Tree Plantation
13. Power Generation
14. Tire Shredders & Processing Unit



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Our Past Projects





📍 7 Valley Stream Cir NW Calgary, AB T3B 5V9

📞 CANADA IRAQ PAKISTAN
+1 403 685 0170 | +964 780 415 0213 | +92 307 045 3615

✉ info@karbalacleanandgreen.com

www.karbalacleanandgreen.com



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