Unified Construction Model

Introduction:
Destiny USA’s founder and visionary Robert J. Congel has launched a project using a Unified Construction Model that will show how developers can use renewable resources and advanced technology, not only to improve construction efficiency but to fight the nation’s addiction to fossil fuels. The key components to the Unified Construction Model include:

A First of Its Kind Innovator Model:
All members of the Destiny USA workforce are called “Innovators.” Our demographics consist of 85 members; of whom, 57% are minorities and 40% are women. Prior to joining Destiny USA, many of our Innovators were either unemployed or “underemployed.” Seventy-three percent of our Innovators came directly from the community that our project is being built.

All of our Innovators hold identical titles and receive essentially the same base compensation package; regardless of their experience or education levels. Each Innovator has received a baseline training which consisted of a two-week “on-boarding” and enculturation program; followed by a 10 hour OSHA Safety course, an eighty hour NCCER National Construction Education course, an adult CPR and First Aid course, and either a 24 hour or 40 hour Hazwopper course. Some innovators were chosen to go through a welding course and have since become certified as welders. To date, our record shows a 100% pass rate on all training and the Innovators hold positions ranging from general laborers to specialists, supervisors and foremen.

This Innovator Model offers an immediate solution to reducing the nation’s unemployment rate; which suffers from the loss of jobs to overseas markets, by employing local residents who need only to possess instinct and desire in order to find a job in the construction industry. The Innovator Model offers the construction industry at large a simple means to replenishing its aging workforce with young adults who are eager to learn new skills and contribute to society.

B100 - Biodiesel
Destiny USA immediately began using biodiesel when construction commenced in March 2007. The Destiny USA biodiesel initiative came to fruition through collaborative efforts over the past two years among construction partners, equipment providers, engine manufacturers, and others to use alternative energy sources on the jobsite; and to overcome the B20 limitations within the manufacturer’s engine warranties. As of February 26, 2008, Destiny USA has used over 142,000 gallons of bio-fuel in over 100 pieces of equipment; and more than 60,000 gallons of B100, which is the goal for year-round use. We are committed towards providing a healthier, cleaner and more sustainable environment for our community while helping our country to break our nation’s dependence upon fossil fuels and foreign oil.

Paperless Jobsite:
Destiny USA’s paperless initiative combined with a paperless 3D system commitment has moved the project towards digital collaboration and this is an innovation in the construction world. Our move to a paperless jobsite reflects a significant cost and resource savings, minimizes rework, shows gains in document control efficiency, and promotes faster decisions and execution through a higher level of technological collaboration and better communication among the owner, the construction manager, prime contractors, architects, engineers, consultants, and the Innovators. Robert Congel insisted that the paperless jobsite initiative be used throughout the project by all the project participants to show how future developers can utilize advanced technology to significantly improve construction efficiency.

Destiny USA Unified Workforce Model
Destiny USA Biodiesel Truck

Destiny USA Innovators working with contracting partners on-site in Syracuse, NY.

Hand held tablets, slates, cellular phones, and large screen monitors are all part of the technology used on the paperless jobsite.