

## *US-China Climate Change Accord Creates Millions of Green Jobs*

In November 2014, Pres. Barack Obama and China Pres. Xi Jinping signed an “**Accord**” to address climate change. In 2014, China employed **3,390,000** workers in the renewable energy sector, while America employed **724,000** workers in this growing industry. Globally, **7.7 million** “green” workers are in the sector. These figures were published by IRENA (International Renewable Energy Agency) based in Abu Dhabi.

In a **US-China collaboration**, technology has emerged that will lead to millions of “green” jobs across the world. Until now, solar has been a **costly “afterthought”**. A US Government agency predicted that BIPV's (Building Integrated Photovoltaic) technology would “*overtake traditional photovoltaics and that continued integration was leading to solar production that fully replace traditional building products.*”

A US technology was developed that is a LEED rated composite that as **roofing is permanent and seamless**, has thermal properties akin to NASA Space Shuttle tiles and has the option to embed photovoltaic properties. The **Hurricane Testing Laboratory (HTL) had no criteria for testing**. The composite can serve as a radiant heat source eliminating the need for a furnace/chimney while allowing zonal temperature controls, yet is only 3mm in thickness! Worn roofing ending in landfills is history. **Virtually every structure** is a potential end-user **AND at no upfront cost to most property owners!** This simple development opens what could be the world's foremost response to the climate change challenge and “green” job creator.

The toughest building body in America sees this innovation as “**Revolutionizing construction**”. The offshoots are many, including as a **DSS (Dedicated Solar Structure)** whereby the building envelope **IS** the solar collector, the foundation and integrated cistern. The PV area exceeds the footprint. The highest point is engineered for mounting wind turbines. The products developed **exceed** all present building codes.

A true game changer is a **revolution in construction** that **throws out** all traditional practices. The US-China collaboration will introduce in time for COP21 in Paris in December a light weight to high strength ratio composite building envelope that eliminates traditional framing, sheathing, siding, drywall, roof trusses and roofing. The “panelized” platform technology can be embedded with BIPV's. It can be 100% recyclable. It is also buoyant, which gives rise to floating solar farms, solar houseboats, and other applications. The **automated production rate** of the panel system is a game changer, a requisite in rebuilding programs on the aftermath of natural calamities. **A 1152 sf (107 sm) solar structure will be standing in 30 minutes.**

The platform system will also be demonstrated in conjunction with a **Chinese earthquake rated building envelope**. The firm assembled a **30 story hotel in 15 days** and has the world's most energy efficient HVAC system, a four pane glass assembly and automated shutters. In 2016, it plans to assemble the **world's tallest building** in seven months. **Google's recent commitment to modernize urban communities is addressed**, as is the need for **Urban Food Factories** via a revolution in agriculture developed by the Group.

America was once ranked #1 in innovation. That standing has slipped to #5. America, if it followed the commitment of California which creates 500,000 green jobs in 2015, could result in at least **one million “green” plus jobs in the USA**. America suffers from political opposition to innovations that “rock the boat”.

The US-China collaboration will send a global message that “green” jobs and businesses are “low hanging fruit” and open trillion dollar opportunities for participants. The patent attorney firm for these disruptive innovations represented Thomas Edison, Nicola Tesla, Henry Ford, and other notable innovators.