

## I + E = ZERO

For Italian idiosyncrasy, life is a celebration.

That's why we propose, an environmental friendly project with zero impact and emissions, in the shape of a **solar asphalt roadway** that connects landscapes, culture, policy, economy, social and scientific functions.

Public uses, till 4.3 km.

**Asphalt Sports:** cycling, aerobics, fitness, skateboarding, walking.

**Mini asphalt oasis,** for relax, for all people.

**Thermoregulatory green curved trellises,** to give some rest and shadow places along the roadway.

**Asphaltscape:** painted games and water allegories on roadway.

**Lighting leds** project, public tunnel.

From Carola viaduct

New **geo tourism** attraction: Canopy and solar hot-air ballooning.

**Extreme sports:** hanggliding, parachuting, goming, pupuenting, hot air aerostation, gliders, paragliding.

**Red painting** for structures.

Private uses.

In tunnels, **scientific and academic** uses.

**Laboratories** for solar nanotech, photovoltaic panel, solar cells. On viaducts, renewable energy prototypes.



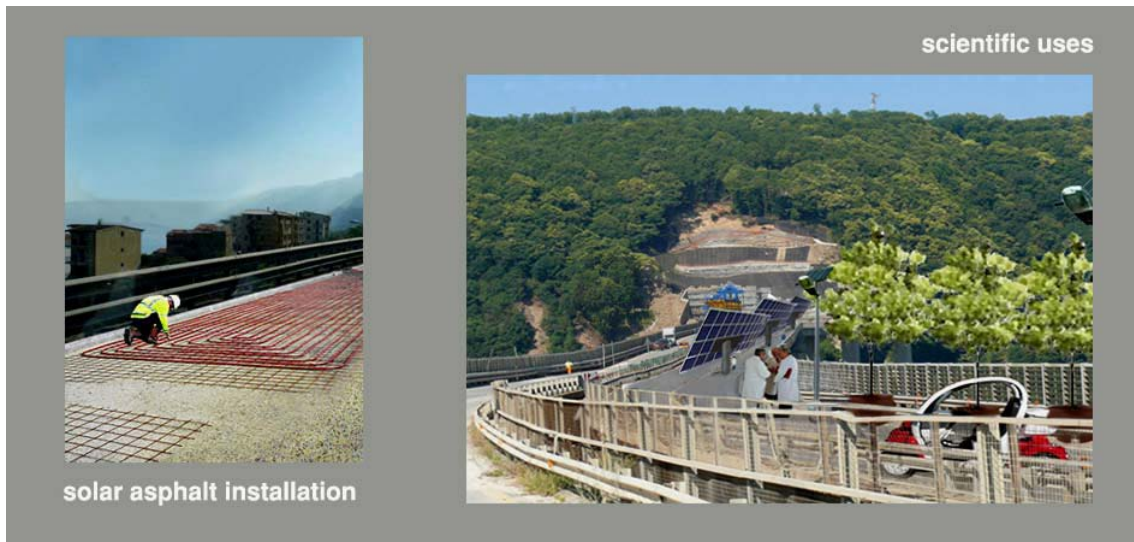
### **Solar asphalt road**

Each Solar Road Panel contains solar collectors, energy storage devices, circuit boards, electronic parts and it measures 12 feet (about 4 meters) by 12 feet or 13.4 m<sup>2</sup>. So based on the 4.2kWh average per meter squared, our Solar Road Panel should average receiving 56.28kWh of energy per day. They could theoretically collect (56.28kWh x 0.185) 10.41kWh per day.

Hot water and lighting could collect also with solar asphalt roadway.

### **Solar balloons.**

The project is showing great promise as a low-cost deployable system that would harness solar energy while maintaining a minuscule environmental footprint.



### **COST**

**Total aprox.**

**8.692.267 millon euros.**