

# Climathon - Idea/solution description

<b>City</b>	Salerno, Italy
<b>Challenge</b>	Solutions for smog and traffic in Salerno during "Luci D'artista"
<b>Name of team</b>	Cluedo
<b>Team members</b>	Liceo Artistico "Sabatini-Menna", Indirizzo Archiettura e Ambiente classe-VA

## Description

- 1. General Summary** - Please describe your solution to the challenge (max 200 words)

Our solution is to improve the urban living of the citizen and the tourist by offering strategies that reduce: smog, traffic, dispersion of energy, transport, inadequate parking lots and noise pollution. The project includes "vacation card", service of electric shuttles, photovoltaic ferry and metro anyway with sustainable solutions. Our goal is to provide jobs for young Salernitans and provide well-managed tourism. To power the lights, our group has been thinking of walkable photovoltaic panels that store energy produced during the day.

**2. Climate Impact** - Please describe the possible climate impact of your solution (max 100 words).

Through specific studies, we have developed a prototype of an eco-sustainable ferry that has photovoltaic modules and lithium-ion batteries to reduce the CO2 emissions when the ferry moor to the pier. The electric shuttle includes an electric motor capable of carrying 1000 km of autonomy through a regenerative braking system.

**3. Team** - Please introduce your team members - their role within the team and their background (max 100 words)

Our team is made up of elements that have worked hard to look any way to work together to improve various unpleasant situations that are part of our daily lives. We are a group of young dreamers who hope for a better and green future.

4. **Future plans (if any)** - Please let us know whether what are your plans with the solution that you worked on during the CLimathon (max 100 words).

Our hope is to succeed in achieving this project to reduce the harmful smog impact not only during "Luci D'artista" but throughout the year.