

Metamorphosis - (The Dragonfly) for San Jose

Metamorphosis is far more than a beautiful structure. It's integrated into the very fabric of the community and offers every member of a chance to engage, interact and be inspired by their city San Jose.

Its interactive elements let viewers see the city of the future, the past and be part of creating a new exciting landscape through its physical periscope, projection mapping the urban landscapes and through AR it allows all to be involved from the macro to the micro level.

Metamorphosis is created by consortium of world-renowned designers incorporating an artist studio, Architects, lighting designers and tech leaders. It is a symbol of change, of transformation. Truly unique

**“The Dragonfly, in almost every part of the world, symbolizes change.”**

### **Sir David Attenborough**

English veteran broadcaster and naturalist .

The head rotates 360 degrees allowing the viewer to scan across the city seeing the future and the past of the city. This can be programmed to an unlimited number of applications for the viewer also allowing local and international corporations opportunities to use software's thus allowing revenue to be generated from Metamorphosis for the city.

Metamorphosis will also have concession that the base of the structure to further generate income from a way to help activate Arena Green

We have been careful with terms of lighting needs sticking closely to lighting requirements for the competition. Its wings are illuminated at night. We intend to use blue / spectrum hues as to respect lighting requirements and to avoid any glare to roads users on local highways and local aviation requirements.

The night time lighting can also be overridden by the commissioners so as to illuminate the wings colours to use for celebrating and to show support to national and local important days.

Environmental lighting is adopted to also protect local wildlife.

The structure is proposed to be Corten but we are open to others. The wings are made of dichromatic mesh these open and close as well as rotate.

Power will be generated by photovoltaic fabrics on wings and the roof of the concession. These are non-glare / reflective. Within the concession structure will be easy access cells for back up supply and excess storage for power.

We have identified and been sensitive to an absolute net zero approach to this which is also offset in our build, materials, ongoing usage and maintenance .