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### **Rays of Hope For Villagers, Silicon CPV Helps To brighten Villagers Nights**



Silicon CPV has recently completed a project to install solar powered street lighting in Bou Craa, a small town in the Western Sahara. This order with a value of over £230K was for products from its British designed and built, high quality commercial solar powered street light range.

Bou Craa, a town in Western Sahara is inhabited almost exclusively by employees of the Moroccan-controlled Bou Craa phosphate industry, the community consists predominately of a number of outlying villages that are connected by a main road. The recent installation of these lights along the main road has helped to improve the quality of life for the local community and is seen as a step towards empowerment and enlightenment for the villagers.

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Following the installation of the Solar Powered Street Lights, Silicon CPV received great feedback from a number of the village people, who now feel more secure and safe whilst walking to their homes after working in the town. The lack of light previously meant that children and adults would just return to their homes as soon as it got dark. The local people now say they have longer days and shorter 'dark' nights so they can now be outside a lot longer with their children who are now safe to play outside later rather than having to go to bed as soon as the sun set.

Professor Humayun Mughal, the CEO for Silicon CPV recently commented,

“This is a great opportunity for Silicon CPV to help improve the quality of life and security for the villagers within the smaller rural communities. There is a measured improvement to their quality of life by the provision of solar powered lighting in areas where the grid electricity network is not present. The installation was for solar street lighting from our recently launched Kamr range, one of the most advanced solar street lighting systems available. They feature a built-in wireless remote management system and a design life of 20 years with only two replacement batteries needed in that period. The cutting edge solar technology within the lights means lower capital and running costs of the units compared to the traditional grid collected street lights “

Silicon CPV manufactures solar street lights with high efficiency proprietary solar cells at its factory in Harlow, Essex, UK. Silicon CPV develops ground-breaking technological designs and solutions for both commercial and power generating organisations. The solutions created by the company reduce and remove the dependency of the world on conventional fuel generation and current energy sources in the future by replacing traditional fuel sources.

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Notes for editors:

- Silicon CPV Ltd is a UK-based developer, designer, manufacturer and leading provider of cost-effective, commercially viable solar power street lights. Over the last 10 years Silicon CPV Ltd has consistently achieved ground-breaking technological designs with a long product life and at a lower cost than conventional lighting.
- Silicon CPV designs and manufactures renewable energy products like solar street lights, solar bollards for public areas, affordable pay-as-you-go solar home systems for off grid communities and solar hybrid mini grids for remote areas. Products have already been deployed in Morocco, Saudi Arabia, Dubai, Pakistan and South Africa.
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