

# Qarbo Tech Sdn Bhd

## Quantum Dots For Photosynthesis Augmentation to Improve Crop Yield



Enhance photosynthesis to increase yield of crops. Increase in photosynthesis co-relates with better yield & shorten the harvest cycle of plants.

### ACHIEVEMENT

- 1. "Preparation of Carbon Quantum Dots" won Silver Medal at the 28th International Invention and Innovation Exhibition (ITEX 2017) under the Materials cluster.
- 2. "Carbon Quantum Dots Derived From Biochar via a Green Hydrothermal Method" won Bronze Medal at the Persidangan dan Expo Antarabangsa Ciptaan Institusi Pengajian Tinggi (PECIPTA2017) under the Environment and Renewable Energy cluster.

### CURRENT STATUS

- As prepared Carbon Quantum Dots (CQD) – Ready

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