



*The system we call HydroSynthesis is used in our AgroPOD. The AgroPOD utilizes hydroponic indoor vertical farming technologies synergistically combined to fundamentally alter the way food is traditionally grown.*

**OUR MISSION IS THREEFOLD**

- *Develop an ultra resource efficient indoor vertical farming process that is mobile, scalable and can be deployed globally.*
- *Provide youth an opportunity to learn innovative hi-performance urban vertical farming processes through vocational training programs and workforce partnerships.*
- *Provide entrepreneurial training to youth so that they may start and own their own “for profit” business.*



**Empowered By:**

- » Developing greater food security and energy independence;
- » Inspiring youth to become high-performance urban ag entrepreneurs;
- » Producing superior locally grown organic fruits, greens and vegetables without pesticides;
- » Recycling commercial containers into hi-performance urban food production modules;
- » Reducing waste and lowering the carbon footprint;
- » Leveraging existing local manufacturing capabilities and capacity to construct growth modules and stimulate job production;
- » Educating youth about the health benefits of consuming fresh, locally grown produce;
- » Teaching youth about designing and engineering new energy efficient processes that further indoor vertical food production. Includes education in designing water/nutrient delivery and reuse, employing alternative energy systems using high efficiency horticultural LED lighting and solar, product manufacturing, computerized climate controls and mobile aps;
- » Increasing consciousness by influencing youth to embrace Earth-kind processes in their daily lives and becoming involved in a high-yield alternative local food growing process that does not use soil, minimizes space and fertilizer use, reduces waste and prevents disease.

**Program Goals:**

- » First graduating class to become youth consultants to cities throughout California, educating and inspiring communities to get involved in urban vertical growing systems and promote entrepreneurship;
- » Employ military veterans to mentor a youth-driven consulting team that shares and publicizes success stories with legislators and other student peers;
- » Develop partnerships with youth entrepreneurship organizations;
- » Develop training programs supported through federal workforce funding;
- » Leverage positive PR to be gained from youth/veteran success stories;
- » Develop thriving manufacturing business to sell and distribute food production modules and provide training and technical expertise;
- » Position California as a leader in urban vertical farming

**Our Partners:**

**DURACELL®**  
LED Lighting



**“Waste is a Tax on the Whole of Earth”**