

# Vertical Plant Production on AGXX ESA Spark Funding Germany

## Space Technology

### Prevention of spread of pathogens in space stations or space ships.

- Application of the antimicrobial technology to surfaces endangered by bacterial contamination.
- Application of antimicrobial material to horticultures usable in space stations or ships.

## Non-Space Application

### Grow more plants in vertical/urban farming close to humans.

- Antimicrobial material in horticulture/grow space equipment.
- Modular variants of growing methods for small spaces.

## Benefits

### Prevent biofilm on surfaces in circulating plant systems.

- Have less pathogens, contamination and cleaning overhead.



Contractor:

**Aponix GmbH urban farming components**



Space Technology Provider/Project Partner:

**Heraeus Deutschland GmbH & Co. KG**

