

# ZET-valley Initiative

Zero Emission Technology - valley

Location: Kyoto, Japan

## ZET-valley's Goals local production for local consumption

1. Oil to Air
2. Local Regions on the Cutting Edge
3. From Constraints to Extensions

## Zero Carbon Manufacturing for Zero Carbon City Planning

### Kyoto's highly competitive decarbonisation technologies



- **Transportation Revolution**  
*Electric smart mobility, battery replacement / recycling, etc.*
- **Energy Management Revolution**  
*Power generation utilizing unused light(infrared light), fusion-type nuclear power etc.*
- **Revolution in Food, Clothing, Housing, and Work**  
*ZEB/ZEH, Remote · Avatar Robot, SDGs, etc.*
- **Urban and Local Emissions Trading**  
*Leading the development of technologies for CO2 capture, fixation, and utilization, etc.*

※mfg:manufacturing

## Innovative Co-creation Project

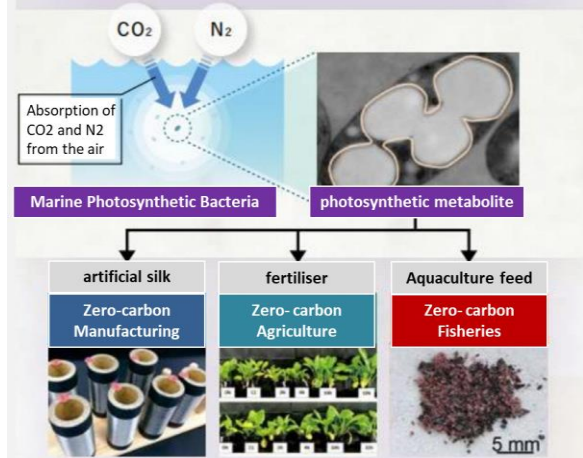
House construction and tableware made from underutilized foodstuffs.



Tableware      tile



AI estimation and analysis of CO2 absorption by drone or satellite.



Using photosynthetic bacteria to convert air into a resource.

## ZET-summit **COMING SOON!**

The 2nd ZET-summit, an international decarbonization conference, will be held on 6 and 7 February 2024 in Muko city, Kyoto.

If you are interested, please contact us!

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