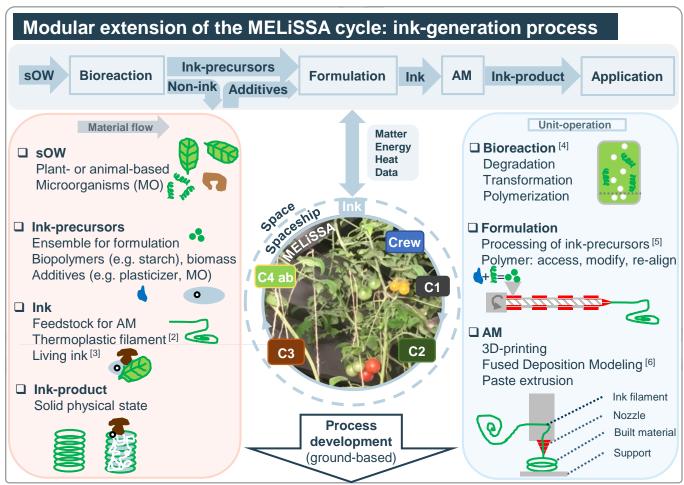
## Ink from Organic Waste for Additive Manufacturing in Space



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## Challenges and way forward

- ☐ Focus on microbial biomass, e.g. *Spirulina* (I)
- □ Polymer enrichment of biomass, e.g. protein
- ☐ Extrusion of biomass with polyol
- ☐ Thermoplastic filament ink for AM
- □ 3D-printing of ink, e.g. tool or mold
- ☐ Complementary fungal living ink (II)
- ☐ Grown mycelial structure

