



## FOOD for thought: wooden hulls for drifters

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emso®

CLS

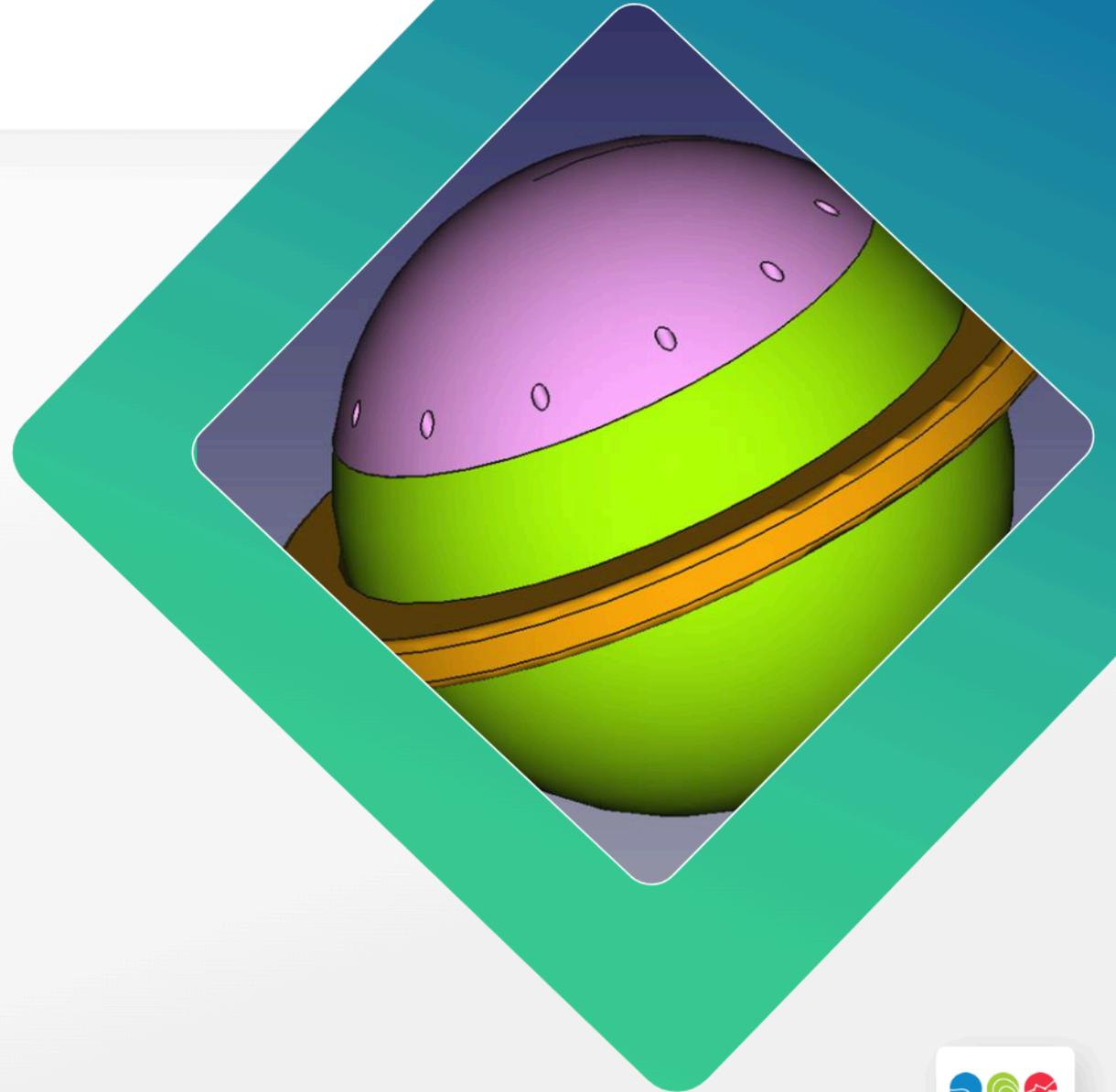
# Context

- Over 1300 SVP-B drifters currently at sea
- About 600 hundred deployed every year
- Heavy in plastic (Diameter of 40 cm)
- Buoys are not recovered after use (too expensive)
- Massive issue, scientists should lead the way



# Goals

- New type of platform
- Hull out of wood
- Re-usable
- Competitively priced
- Robust
- TRL 6





# EMSO OBSEA

- Geographical proximity
- Previous collaboration with UPC
- Ideal testing conditions
- Good suit of sensors



# Data Collection

- GPS location
- Battery status
- Satellite telemetry feedback
- Sea Surface temperature (Buoy & Site)
- Wind & Wave Data from OBSEA



# Next Steps

- Add a barometer
- Larger hull
- Revisit sealing process
- Improve electronics
- Test new ARGOS/Kineis Constellation





Thank you

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