



POLARIS PROJECT

Autonomous Research & Life Integration Settlement
Featuring POLAR-YURT Modular Habitat Systems

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"Born in the cold. Built for the future."



1. Vision & Philosophy

- POLARIS is not just a shelter-it is a living, breathing path for the future.
- From Arctic tundras to lunar surfaces, it blends philosophy, sustainability, and engineering.
- "Born in the cold. Built for the future."



2. POLAR-YURT: Modular Habitat

- Inspired by traditional Mongolian yurts, POLAR-YURT is a modular, self-heating dome.
- Polycarbonate panels, aerogel insulation, passive solar gain, ventilated skylight.
- Applications: field stations, glamping, disaster relief, space analogs.



3. POLARIS Structure & Rings

- Radial layout with concentric function rings:
- - Core: AI + processing hub
- - Ring 1: agrocubes, labs, thermal tanks
- - Ring 2: housing, health, education
- - Ring 3: observatories, comms, space modules



4. Why Hyundai / Innovation

- Shared vision: Smart mobility, habitat innovation, extreme environments.
- Hyundai can lead next-gen modular structures through POLARIS.
- Available for: Licensing, co-development, strategic partnership.



5. Contact

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- Email: bbaglej@gmail.com
- Project: POLARIS + POLAR-YURT
- Documentation available under NDA.
- "Let's build something that lasts beyond us."