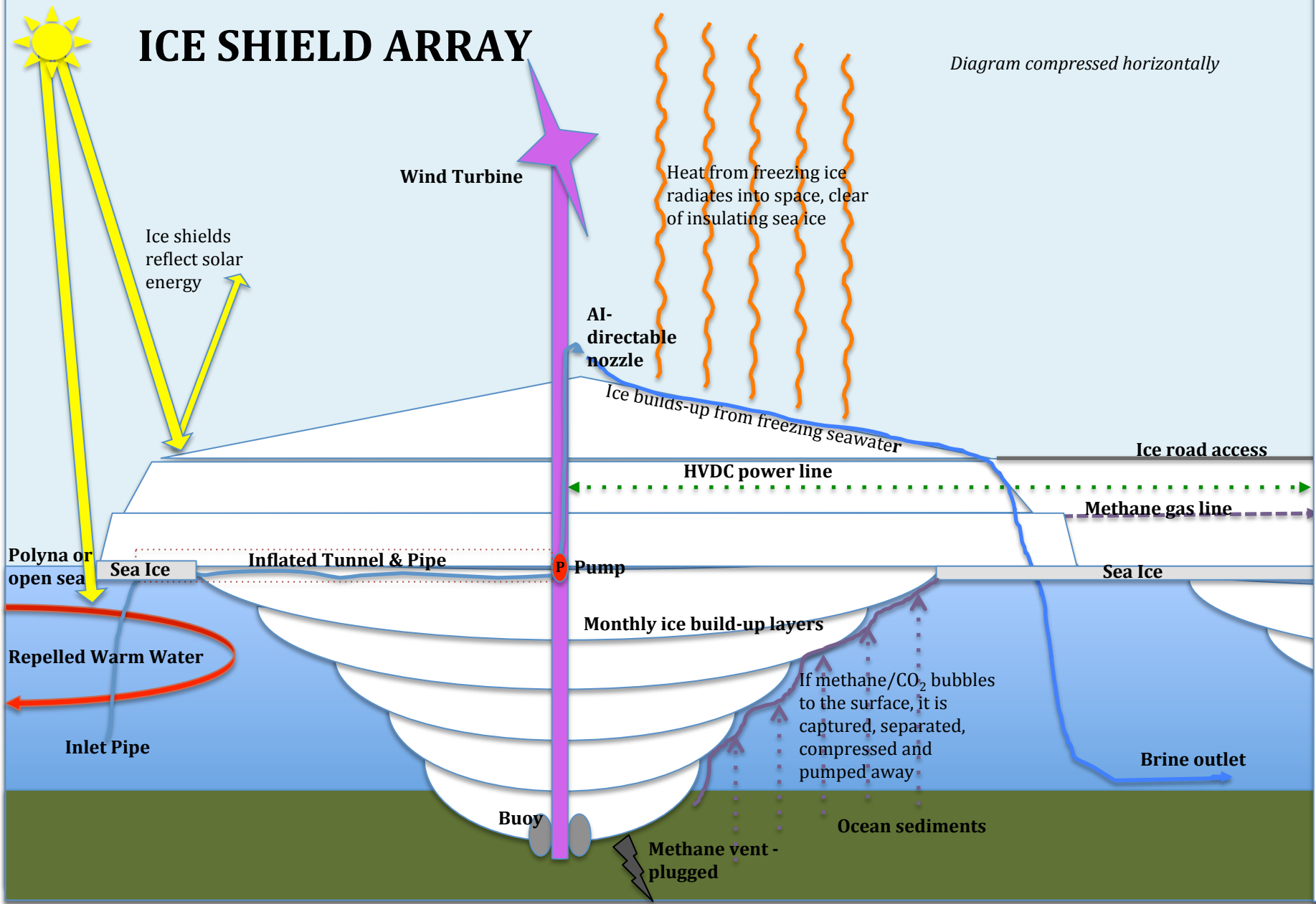


ICE SHIELD ARRAY

Diagram compressed horizontally



Ice shields reflect solar energy

Wind Turbine

Heat from freezing ice radiates into space, clear of insulating sea ice

AI-directable nozzle

Ice builds-up from freezing seawater

Ice road access

HVDC power line

Methane gas line

Polyna or open sea

Sea Ice

Inflated Tunnel & Pipe

Pump

Sea Ice

Repelled Warm Water

Monthly ice build-up layers

If methane/CO₂ bubbles to the surface, it is captured, separated, compressed and pumped away

Inlet Pipe

Brine outlet

Buoy

Ocean sediments

Methane vent-plugged