Panel: Sustainability of energy, water and environment systems of cruisers
• Cruisers and ferries produce 9.2% of shipping CO2 emissions
• Shipping accounts for 3.3% of global CO2 emissions
• Energy systems: electricity generation, propulsion, heating, cooling, refrigeration, cooking, lightning, hot water, pumping, desalination? – high energy density needed

• Water systems: water storage and supply, desalination?, recycling?

• Environment systems: waste recycling and incineration, waste water treatment, pollution control