

Accelerating Environmental Efficiency

Steve Ridolfi, President
Bombardier Regional Aircraft



Signatory to UN Global Compact



Corporate Responsibility Roadmap



Dow Jones Sustainability Index



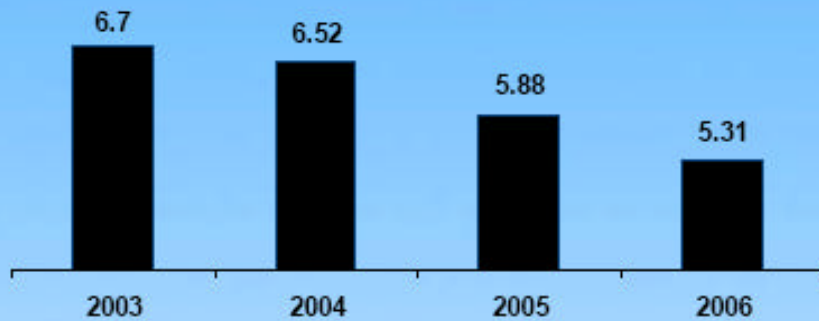
Major Facilities - ISO 14001



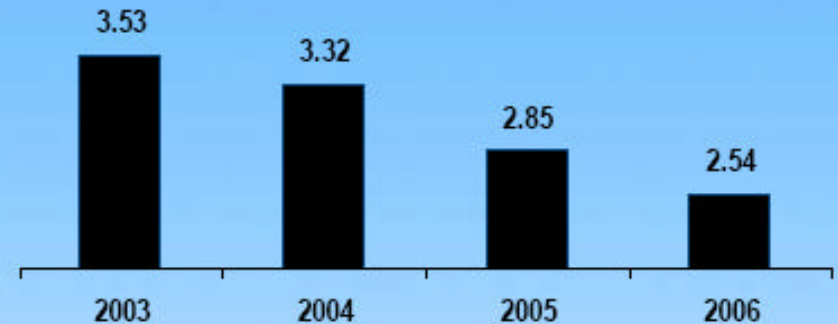
Bombardier's Vision: Environmental Efficiency



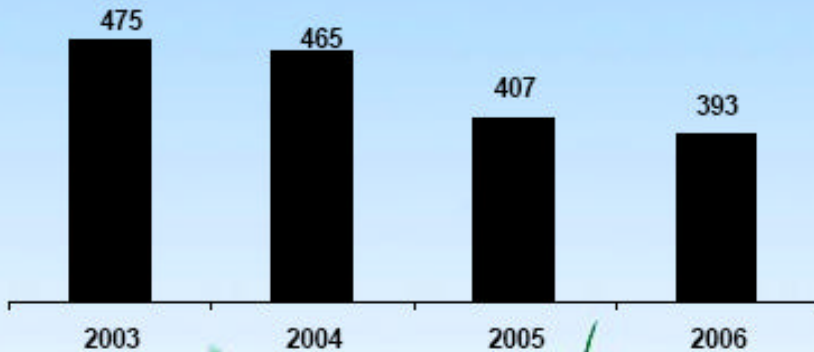
Energy Consumption
(million MGJ)



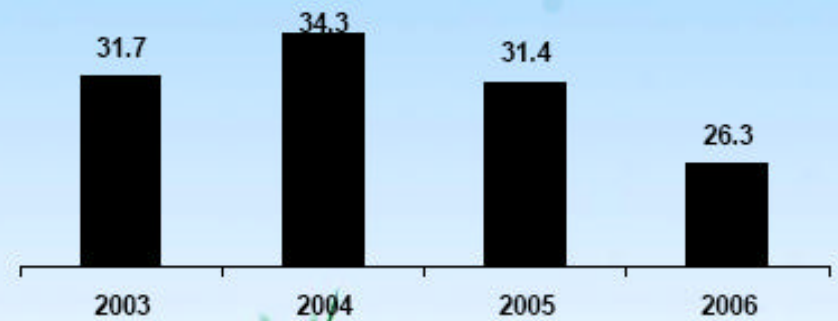
Water Consumption
(million cubic metres)



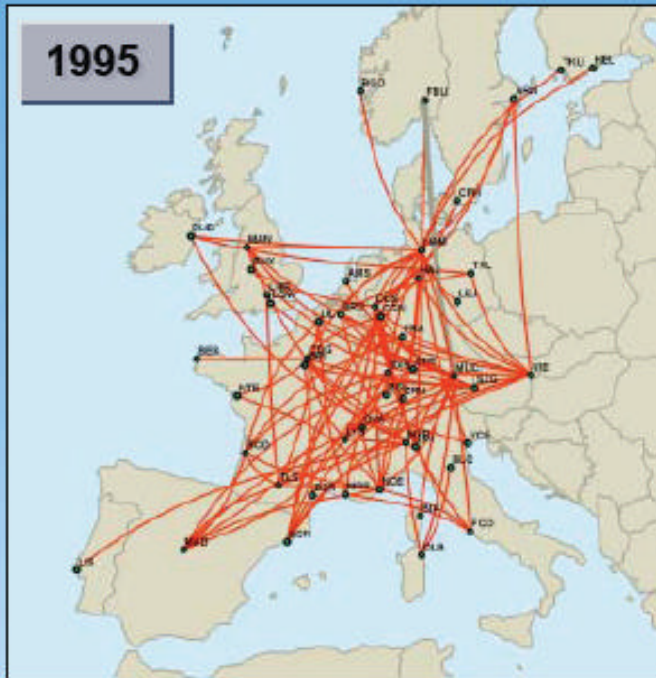
GHG Emissions
(kilo tonnes CO2-equivalent)



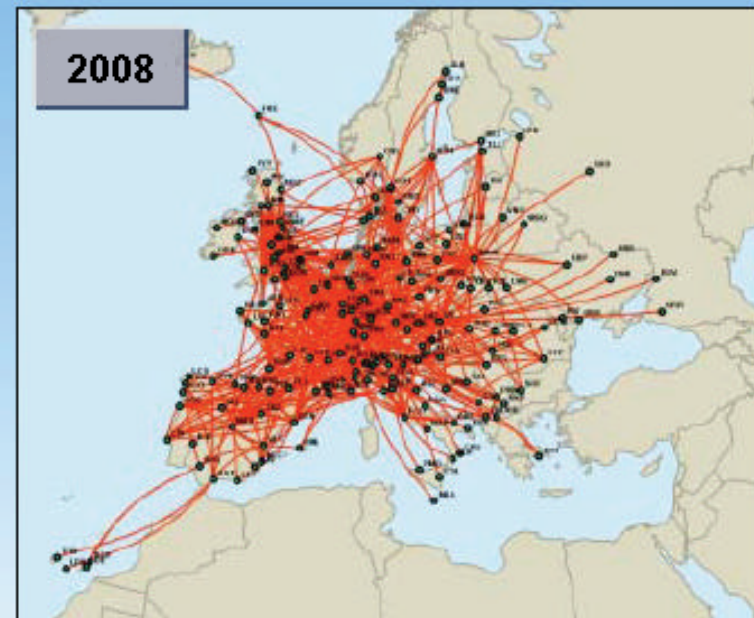
Total Waste
(kilo tonnes)



Regional Aircraft Have Changed The Way The World Flies



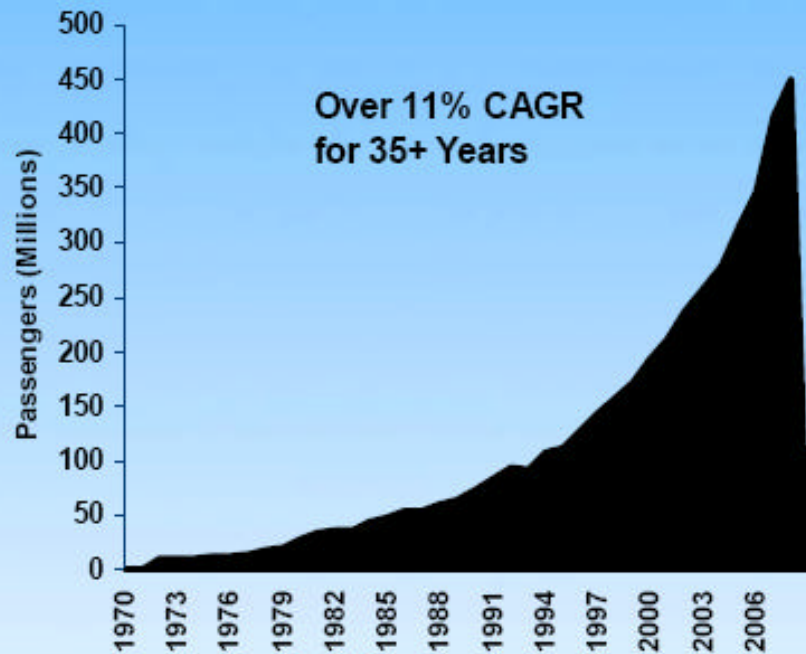
- One of Three Commercial Flights Worldwide Are Regional Aircraft
- 40% Of European Flights Are Regional Aircraft



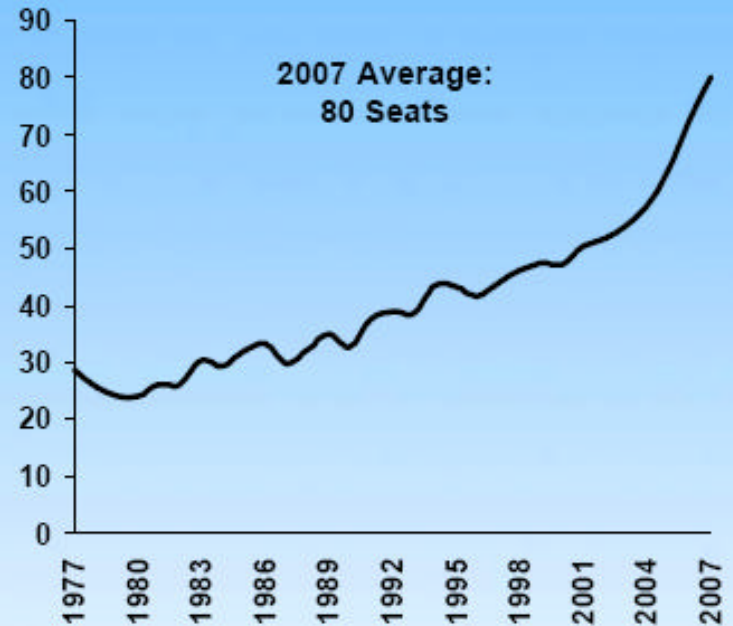
- One of Four Passengers In the USA Fly On Regional Aircraft
- 70% of US Commercial Airports Are Served Exclusively By Regional Aircraft

Regional Airline Traffic And Airplane Gauge Continues To Grow

Regional Passenger Traffic



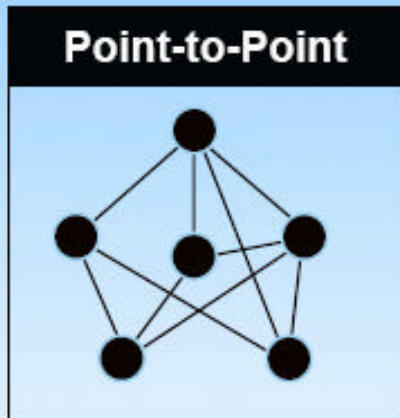
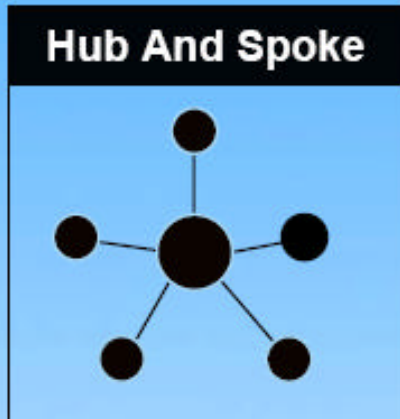
Regional Aircraft Seating Capacity: Delivery Seats



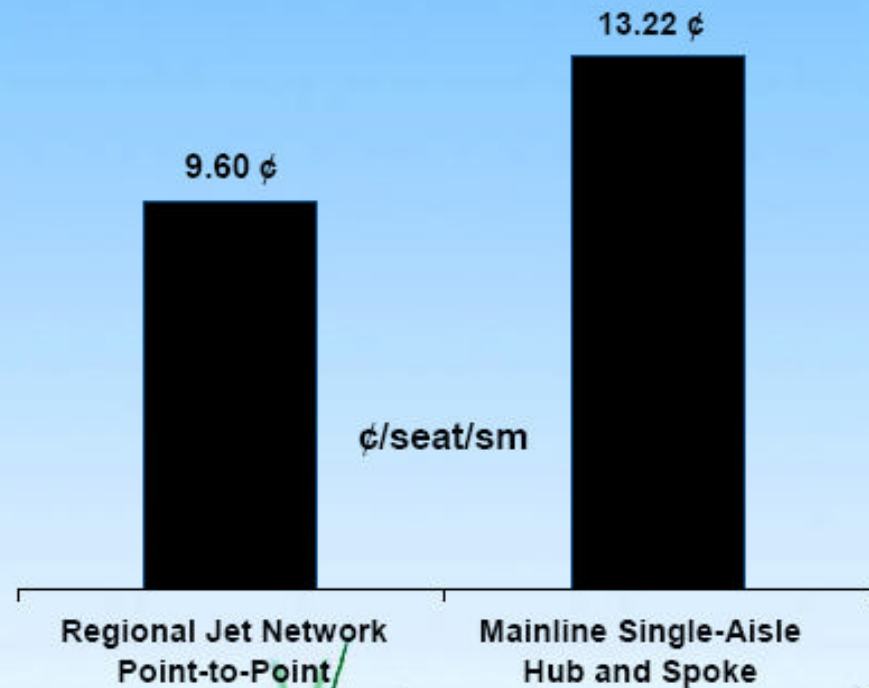
How Do We Accelerate Airline Environmental Efficiency?



Airline Network Design Is Different At \$100/Bbl Optimized For Fuel Versus Labor/Infrastructure

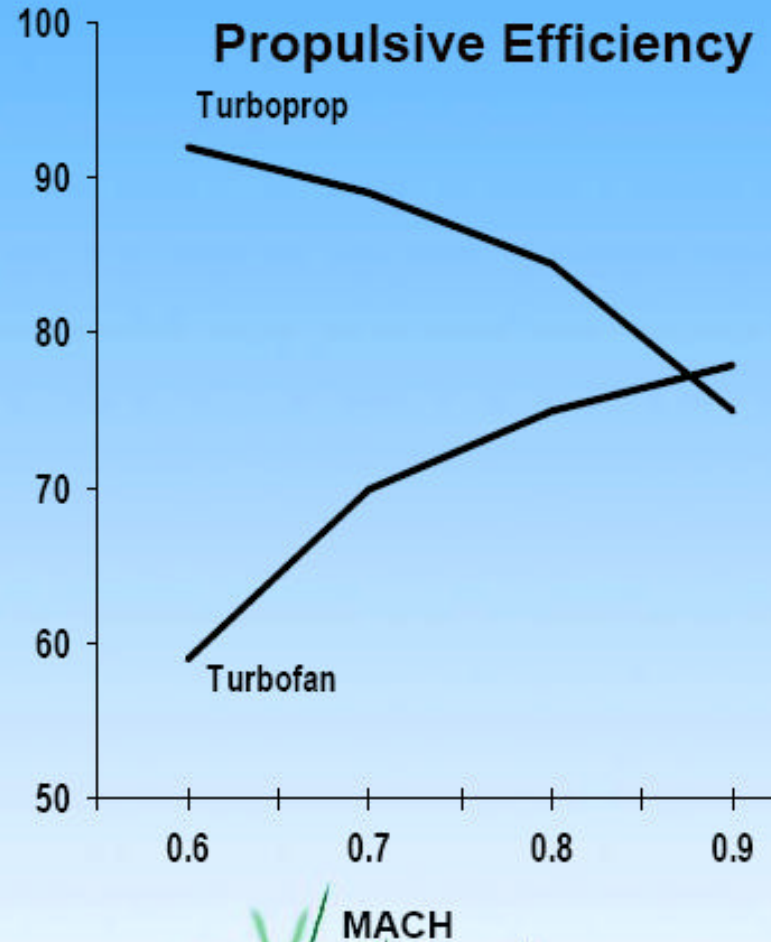


Network Design Optimization Point-to-Point vs Hub and Spoke (500sm)



Technology To Optimize Fuel Burn Is Available Today

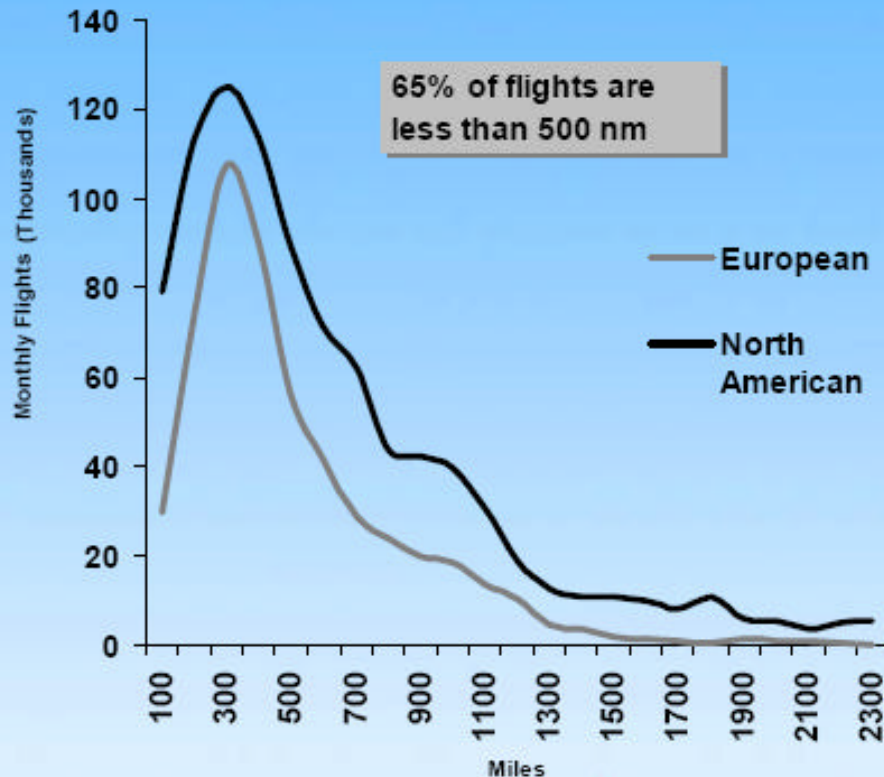
Bombardier Q400



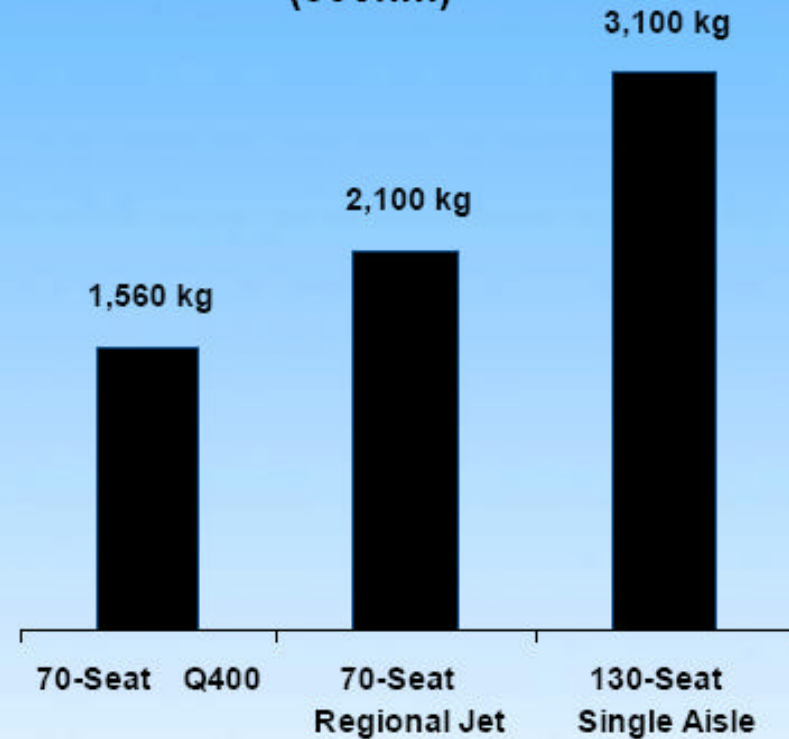
Technology To Optimize Fuel Burn Is Available Today



Average Domestic Sector Distance



Block Fuel Comparison (500nm)



Bombardier CSeries



- 20% Fuel Burn Advantage
- 50% Less NO_x
- 20 EPNdB Margin to Stage IV

Accelerating Environmental Efficiency We Can Do It Now!

