

Boeing: A Green Market Leader

Balancing System Readiness and Future Innovation for a Sustainable Future

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Crisis - Recovery - Reinvention

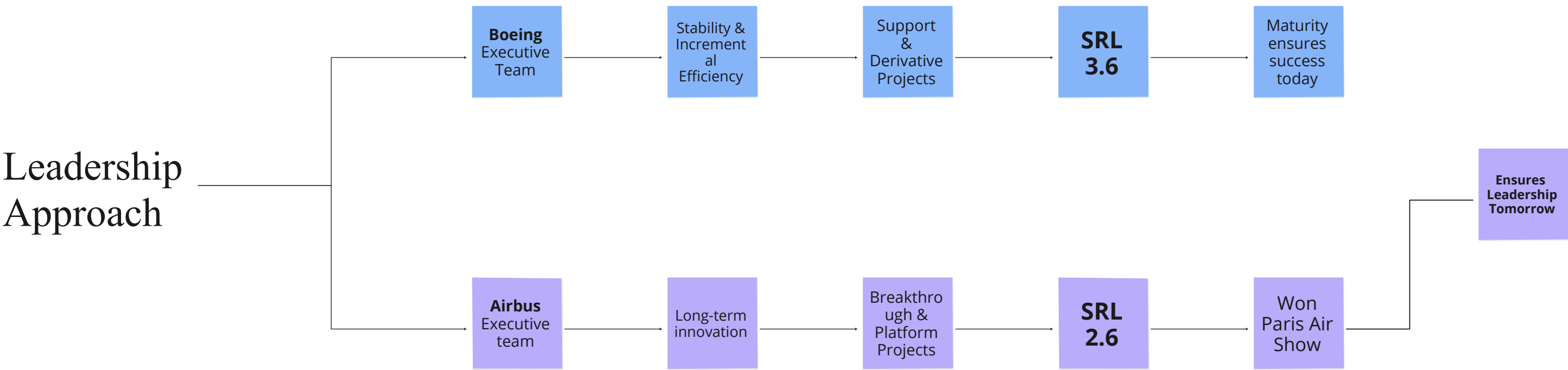
Boeing is at a pivotal
moment in aviation history

Regains stability
post-crashes

Evolve from optimization
to innovation

Investing in new
technologies?

Two Paths to Leadership



Emerging Green Tech

Technology	Description	TRL Range	Strategic Impact
Hydrogen Propulsion	ZERO emissions; requires cryogenic storage and redesigned engines	TRL 4–5	Long-term game changer
Hybrid-Electric Systems	Combines electric and turbine power for higher efficiency	TRL 5–6	Medium-term scalability
Sustainable Aviation Fuels (SAF)	Drop-in replacement for jet fuel; uses existing infrastructure	TRL 7	Short-term impact
Digital Twin Systems	Simulates design, integration, and performance	TRL 6–7	Improves integration & reduces cost

The Path Forward

