

PROPOSAL TITLE:	London Heathrow Airport –4 Runways	Short Term	<input type="checkbox"/>
SUBMITTED BY:	Private Individual	Medium/Long Term	<input checked="" type="checkbox"/>

OVERVIEW

Proposal	Two new runways constructed to the south of the existing airport.		
Approach	No detail provided. It is assumed that the submitter is looking for Heathrow Airport Limited and/or the Government to develop the scheme.	Assumed Capital Cost	£20 bn
Potential Benefits	<ul style="list-style-type: none"> Phased expansion building upon existing airport and surface access infrastructure. Unstated, but would be expected to deliver local and wider economic benefit. Increased resilience over current Heathrow operations. Assumed to be based on established RAB approach but likely to require regulatory modifications plus government support. 	Additional Capacity (mppa)	60
		Additional Capacity (ATM)	350,000
Key Issues & Risks			
Strategic Fit	<ul style="list-style-type: none"> Supports the objective to create additional capacity and enhance the UK's hub status. 		
Economy	<ul style="list-style-type: none"> Services may transfer from Gatwick, because of enhanced opportunities to increase their viability and take advantage of hub connectivity 		
Surface Transport	<ul style="list-style-type: none"> Significant upgrades required to support growth. 		
Environment	<ul style="list-style-type: none"> Significant loss of areas of designated land. Large number of residential demolitions required. Although reduced, large population affected by noise and air quality. Significant levels of mitigation and/or compensation required to ensure Water Framework Directive and flood risk storage requirements are met. Would affect the reservoirs southwest of the airport, which given their environmental designation, would require appropriate assessment and demonstration of no alternative and overriding public interest plus compensatory habitat creation. 		
People	<ul style="list-style-type: none"> Increased pressure on local housing and services. 		
Cost	<ul style="list-style-type: none"> Construction over the existing reservoirs required. Possible surface access requirement would increase the above cost estimate for airport only works by c £5 bn. 		
Delivery	<ul style="list-style-type: none"> High construction complexity due to building over reservoir. Regulatory modifications likely to be required. Government support funding plus potential debt underwriting needed to support financeability / viability. Government support requirement raises issue re affordability and value for money. 		
Mitigations	<ul style="list-style-type: none"> Extending current mitigation approaches for noise to meet noise nuisance reduction objectives. Flood compensation storage area required. 		