

# **Worksheet for the Appraisal of Wider Economic Impacts**

## **TAG Unit 3.5.10**

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Department for Transport

Transport Analysis Guidance (TAG)

**See *The Wider Economic Impacts Sub-Objective* (TAG Unit 3.5.8) for commentary on using this worksheet.**

## EIR WORKSHEET

<b>The scheme and its location</b>		Opening year:	Comparison year:		
1	Provide maps and supporting text locating the scheme and the RA(s) on which it is expected to impact.	Attach documents			
<b>Transport and the economy in the RA</b>					
2	Provide a description of the economy in the RA: its chief sources of employment, the markets in which its employers operate, the recent performance and the prospects for the future if no action is taken.				
3	Describe the ways in which transport is currently a constraint on economic activity in the area. Focus on why expansion is inhibited by current transport provision.				
4	Describe any other constraints inhibiting economic activity, and measures being taken to reduce them.				
5	Explain in words why the proposed scheme will contribute to increased economic activity in the RA, and higher employment. This increase should derive from changes to transport costs, times and reliability.				
<b>Jobs and People in the RA</b>					
6	Provide a breakdown of the current jobs located in the RA, indicating skill levels and vacancies.	<b>Skill level</b>	<b>Jobs (A)</b>	<b>Vacancies</b>	
				<b>Number (B)</b>	<b>%</b>
		Unskilled			
		Skilled manual			

		White collar			
		Managerial & professional			
		Total			
7	Provide a breakdown of the workforce resident in the RA, indicating skill levels and numbers of unemployed.	<b>Skill level</b>	<b>Workforce (C)</b>	<b>Unemployed</b>	
				Number (D)	%
		Unskilled			
		Skilled manual			
		White collar			
		Managerial & professional			
		Total			
<b>Jobs and People in the RA hinterlands</b>					
8	Provide a breakdown of the accessible jobs located outside the RA, indicating skill levels and vacancies.	<b>Skill level</b>	<b>Jobs (E)</b>	<b>Vacancies</b>	
		Unskilled			
		Skilled manual			
		White collar			
		Managerial & professional			
		Total			

9	Provide a breakdown of the accessible workforce resident in the RA hinterlands, indicating skill levels and numbers of unemployed.			Number (H)	%	
		Unskilled				
		Skilled manual				
		White collar				
		Managerial & professional				
		Total				
<b>Total accessible jobs and vacancies for residents of the RA</b>						
10	<b>Accessible jobs in the RA = A</b>	<b>Accessible jobs outside the RA = E</b>	<b>Total accessible jobs (I=A+E)</b>	<b>Accessible vacancies in the RA =B</b>	<b>Accessible vacancies outside the RA =F</b>	<b>Total accessible vacancies (J=B+F)</b>
	Unskilled					
	Skilled manual					
	White collar					
	Managerial & professional					
	Total					
<b>Quantified impacts of the scheme</b>						
11	Provide specific examples of how the scheme will affect travel times, costs and reliability. Give quantified examples where possible.	Travel times:				
		Travel costs:				
		Travel reliability, quality, capacity:				

<b>Access to existing jobs outside the RA</b>							
12	For residents of the RA, how many extra <i>existing</i> jobs outside the RA will the scheme provide access to? How many residents are expected to find employment as a result?	<b>Skill</b>	<b>Existing jobs brought into range (K)</b>		<b>Residents of the RA gaining employment from these jobs (L)</b>		
		Unskilled					
		Skilled manual					
		White collar					
		Managerial & professional					
		Total:					
<b>Changes to the accessible workforce for employers in the RA</b>							
13	For existing employers in the RA, by how much is the accessible workforce increased? How many residents of the RA will find employment as a result? If employers expand as a result, how many extra jobs are expected? How many of these will go to residents of the RA?	<b>Skill</b>	<b>Accessible workforce without scheme = G</b>	<b>Increase in accessible workforce (M)</b>	<b>Residents of RA gaining employment due to better access (N)</b>	<b>New jobs due to increased accessible workforce (O)</b>	<b>Residents of RA gaining employment from new jobs (P)</b>
		Unskilled					
		Skilled manual					
		White collar					
		Managerial & professional					
		Total:					

<b>Access to suppliers and markets</b>				
14	For existing employers in the RA, describe how access to markets and suppliers will be improved. For instance, give changes in travel times to locations where markets and suppliers are located, or to the national transport network, such as motorways, airports and seaports. Indicate how significant these changes are compared to operating margins for businesses in the RA. Explain why, if at all, these changes are likely to lead to new jobs, either by expansion of existing businesses or new inward investment.	<b>Sector</b>	<b>Location of suppliers &amp; markets, improvements gained.</b>	
		Sector 1		
		Sector 2		
		Etc		
<b>New jobs due to expansion of existing businesses responding to improved access to markets and suppliers</b>				
15	Indicate the number of jobs expected to be created among existing businesses as a result of improved access to markets and suppliers	<b>Skill</b>	<b>Extra jobs from expansion of existing businesses (Q)</b>	<b>Residents of RA gaining employment from these jobs (R)</b>
		Unskilled		
		Skilled manual		
		White collar		
		Managerial & professional		
		Total:		

<b>New jobs due to inward investment</b>									
16	Indicate the number of jobs expected to arise from inward investment as a result of improved access to markets and suppliers	Skill	<b>EXTRA JOBS FROM INWARD INVESTMENT (S)</b>			<b>Residents of RA gaining employment from these jobs (T)</b>			
		Unskilled							
		Skilled manual							
		White collar							
		Managerial & professional							
		Total:							
<b>Summary of expected gains in employment position resulting from the scheme.</b>						Target year:	20____		
17	<b>Total new jobs from expansion and/or inward investment (U=O+Q+S)</b>	<b>These jobs comprising:</b>			<b>Current unemployed workforce in RA = D</b>	<b>New jobs expected to go to unemployed residents (V=P+R+T)</b>	<b>Residents into existing jobs in the RA = N</b>	<b>Residents into existing jobs elsewhere = L</b>	<b>Total increase in employment among residents of RA. (W=V+N+L)</b>
		Potential – based on calculations only	Not committed but supporting evidence available	Firm commitments available					
	Unskilled								
	Skilled manual								
	White collar								
	Managerial & professional								
	Total								

Reduction in employment of RA residents due to increased access from workforce outside RA												
	WITHOUT SCHEME						WITH SCHEME					
18	Accessible workforce for employers in RA = G	Of whom, living outside RA (X)	Ratio 1 = X/G	Total employed in RA = B	Of whom, Resident outside RA (Y)	Ratio 2 = Y / B	Accessible workforce for employers in RA a = G + M	Of whom, resident outside RA (Z)	Ratio 3 = Z / a	Employed in RA b = A + U	Of whom, resident outside RA C = b x ratio 2 x ratio 3 / ratio 1	Implied reduction in employment for residents of RA = d
Unskilled												
Skilled Manual												
White Collar												
Managerial & Professional												
Total												

All other reductions in employment among residents of RA					
19	Losses due to wage competition	Losses due to retail competition	Losses due to other forms of increased competition	Losses due to access from external workforce	Total loss of employment among RA residents (e)
Unskilled					
Skilled manual					
White collar					
Managerial & professional					
Total					
Summary of change in employment of residents of the RA					
20	Gain in employment = W	Losses in employment = e		Net change in employment = W - e	
Unskilled					
Skilled manual					
White collar					
Managerial & professional					
Total					

# 1 Document Provenance

This Transport Analysis Guidance (TAG) Unit is based on Appendix A of *Guidance on Preparing an Economic Impact Report* (DfT, 2003).

Technical queries and comments on this TAG Unit should be referred to:

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