

Appendix A – Copy of the questionnaire



1. Introduction

This questionnaire has been prepared by <u>Noise Consultants Limited</u> which is supporting the European Commission with a study on *Airport Noise Reduction*. The focus of this study is to understand how aircraft noise is currently being managed within the European Union Member States by collecting up to date information on the implementation of both <u>Directive</u> 2002/49/EC (END) and <u>Regulation 598/2014</u> (BAR), and any associated practices and approaches in the execution of this noise management framework.



2. Survey Instructions

The questionnaire consists of 77 questions divided into 11 sections:

- 3. Description of the airport
- 4. Designation of roles
- 5. END and BAR implementation into national/local legislation
- 6. Defining the noise problem
- 7. Setting the priorities / objectives
- 8. Assessment methodology of noise measures
- 9. Identification of noise measures
- 10. Consultation and engagement
- 11. Resolution and review
- 12. Overview
- 13. Interview

We kindly ask you to complete all the 77 questions included in the questionnaire.

Please contact NCL at aircraftnoisestudy@noiseconsultants.co.uk to receive the Web Link to access and complete the questionnaire online.

Definitions

121 Stakeholder briefings: These are bilateral meetings between the body seeking to engage or consult and individual stakeholder representatives. (e.g., the airport and the home-based airline).

Consultative Committee Groups: These are pre-existing often formally established forums, typically covering a range of issues - including scope to comment on the issue being consulted or engaged on.

Cost-Benefit Analysis: It is an evaluation method that provides a logical and consistent framework for assessing a particular option or options. A Cost-Benefit Analysis gives an indication of the total economic welfare effects of a project by comparing all costs and benefits.

Cost-Effectiveness Analysis: It is an evaluation method focused on achieving a given objective in the most cost-effective way, requiring a comparison of only the costs

Development: It is taken to mean the inclusion of the entire area of the airport - both aviation (e.g. airspace, infrastructure, passenger cap change, movement cap change, flight routes or procedures) and non-aviation (e.g. retail, food & beverage, parking, advertising, car rental, consumer services and landside real estate) uses. It also includes suggested land use on land adjacent to the airport.

Focus Groups: These are small group discussions aimed at capturing views and experiences on specific issues. The participants typically share similar characteristics (e.g., men under 35 with neutral views on aviation).

Marginally Compliant: Marginally compliant aircraft means aircraft which are certified in accordance with limits laid down in Volume 1, Part II, Chapter 3 of Annex 16 to the Convention on International Civil Aviation signed on 7 December 1944 (the Chicago Convention) by a cumulative margin of less than 8 EPNdB (Effective Perceived Noise in Decibels) during a transitional period ending on 14 June 2020, and by a cumulative margin of less than 10 EPNdB following the end of that transitional period, whereby the cumulative margin is the figure expressed in EPNdB obtained by adding the individual margins (i.e. the differences between the certificated noise level and the maximum permitted noise level) at each of the three reference noise measurement points defined in Volume 1, Part II, Chapter 3 of Annex 16 to the Chicago Convention.

Mediation Meetings: Usually independently chaired these bring together representatives from groups with strongly differing views to develop acceptable solutions.

On-line/virtual consultation events: These allow the public to access the consultation material via a virtual tour remotely. These enable people to participate in the consultation if they are unable to attend an event, have restrictive mobility or are in recent times "lockdown due to pandemic."

On-line publication and feedback: Information made available on a website with a standardised feedback form. These are not staffed.

Public Consultation Events: Staffed events that are held in public places (e.g., Community Halls/Libraries) enabling full public access. Typically featuring display boards and documented materials explaining the issue being consulted on.

Round of Action Planning

First Round - The noise mapping which took place in 2007 and the subsequent adoption of Action Plans in 2008 onwards.

Second Round - The noise mapping which took place in 2012 and the subsequent adoption of Action Plans in 2013 onwards.

Third Round - The noise mapping which took place in 2017 and the subsequent adoption of Action Plans in 2018 onwards.

Fourth Round - The noise mapping that will take place in 2022 and the subsequent action plans that will be prepared in 2024.

Technical Expert Groups: These are specialist groups comprised of experts and focused on finding solutions or options to a specific issue. (e.g., Airspace Design Proposals or Proposed Noise Management operational interventions might involve ANSPs, Airlines, Airports and Regulators).



3.	Descrip	tion of	the	aırport	•
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1. Please, provide the	e following information about the Airport:	
Name of the Airport		
Country		
Email contact of the Competent Authority responsible for the submission of the completed questionnaire for the airport		
2. Is the airport pri	vately owned and operated?	
Article 8 2002 END / Annex	V	
No		
Yes		
Other, please sp	pecify	
round of action pla	nnual Movements expected to exceed 2017 levels [over the course canning] without the COVID-19 impact? X V Article 6 BAR 2014 ANNEX I	of the current third
No		
Yes		

4. In 2021, were annual passenger figures expected to exceed 2017 third round of action planning] without the COVID 19 impact?	levels [over the course of the current
Article 8 2002 END/ANNEX V Article 6 BAR 2014 ANNEX I	
No	
Yes	
5. Are Annual Movements expected to return to the pre COVID-19 le of the next fourth round of action planning? Article 8 2002 END/ ANNEX V Article 6 BAR 2014 ANNEX I	vels (2019) from 2022 over the course
No Yes	
6. Are annual passenger figures expected to return to the pre COVIE course of the next fourth round of action planning? Article 8 2002 END/ ANNEX V Article 6 BAR 2014 ANNEX I No Yes	0-19 levels (2019) from 2022 over the
7. What is the current fleet mix in terms of certificated noise levels (or the 2021? Please insert integer values. Total must be 100. Article 8 2002 END/ANNEX V Article 6 BAR 2014 ANNEX I	eir equivalent) over the course of
% of marginally compliant Chapter 3 (or equivalent)	
% of Chapter 3 (or equivalent)	
% of Chapter 4 (or equivalent)	
% of Chapter 14 (or equivalent)	
% of other aircraft types (helicopters, small tourist aircraft, drones excluded)	

() No	
<u> </u>	
Yes	
Please, provide o	details:
	e any major developments affecting the noise situation before 2017? [over the course of the and second round of action planning]? Details can be provided in the comment box.
Article 5 2002 END	ANNEX V
O No	
Yes	
Please, provide o	details:
No Yes	
Yes	
-	airport <u>developments</u> already approved prior to the introduction of the END in mid-2006?
Article 8 2002 END	/ANNEX V
Article 8 2002 END /	/ANNEX V
	/ANNEX V
No Yes 12. Were ther planning?	re any noise limit values in place prior to the first round of strategic noise mapping and action
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Article 6 BAR 2014 ANNEX I 15. Do the major operators advise the airport of any upcoming fleet change from 2022 [over the cours the fourth round of action planning]? Article 6 BAR 2014 ANNEX I No Yes 16. How is the fleet mix expected to change from 2022 [over the course of the fourth round of action planning] in terms of certificated noise levels (or their equivalent)? Please insert integer values. Total musbe 100. Article 6 BAR 2014 ANNEX I % of marginally compliant Chapter 3 (or equivalent) % of Chapter 3 (or equivalent) % of Chapter 4 (or equivalent) % of Chapter 14 (or equivalent) 17. What is the number of ATMs considered in the last three rounds of END? Article 8 2002 END/ANNEX V ATMs END R1 (2007)			ut in the Airport AIP?
15. Do the major operators advise the airport of any upcoming fleet change from 2022 [over the cours the fourth round of action planning]? Anticle 6 BAR 2014 ANNEX I NO Yes 16. How is the fleet mix expected to change from 2022 [over the course of the fourth round of action planning] in terms of certificated noise levels (or their equivalent)? Please insert integer values. Total must be 100. Anticle 6 BAR 2014 ANNEX I % of marginally compliant Chapter 3 (or equivalent) % of Chapter 3 (or equivalent) % of Chapter 4 (or equivalent) % of Chapter 14 (or equivalent) 17. What is the number of ATMs considered in the last three rounds of END? Anticle 8 2002 ENDY ANNEX V ATMs END R1 (2007)	No		
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Article 8 2002 END/ ANNEX V ATMS END R1 (2007)			
Article 8 2002 END/ ANNEX V ATMS END R1 (2007)			
Article 8 2002 END/ ANNEX V ATMS END R1 (2007)	7. What is the number of ATMs considered in the las	st three rounds	of END?
END R1 (2007)			
		ATMs	
			‡
END R2 (2012)	END R1 (2007)		\$
END R3 (2017)	END R1 (2007) END R2 (2012)		
			\$

18. What are the numbers of people exposed to noise (Lden) experienced around the airport reported in the last three rounds of END? Article 8 2002 END/ANNEX V Number of people Number of people Number of people Does the number of exposed to noise exposed to noise exposed to noise people exposed between between between include population in ≥ 55 dB < 65 dB Lden ≥ 65 dB < 75 dB Lden ≥ 75 dB Lden agglomerations? \$ \$ \$ END R1 (2007) \$ **‡** \$ END R2 (2012) **‡** \$ END R3 (2017) 19. What are the Lden contour areas reported in the last three rounds of END? Article 8 2002 END/ANNEX V Contour Area Contour Area Contour Area Does the contour area in Km2 in Km2 in Km2 include agglomerations? ≥ 55 dB Lden ≥ 65 dB Lden ≥ 75 dB Lden END R1 (2007) \$ **\$** \$ END R2 (2012) END R3 (2017) 20. What are the numbers of people exposed to noise (Lnight) experienced around the airport reported in the last three rounds of END? Article 8 2002 END/ANNEX V Number of people Number of people Number of people Does the number of exposed to noise exposed to noise exposed to noise people exposed between between between include population in ≥ 50 dB < 60 dB Lnight ≥ 60 dB < 70 dB Lnight ≥ 70 dB Lnight agglomerations? END R1 (2007) **\$** \$ **‡** \$ END R2 (2012) END R3 (2017) \$ **\$** \$ 21. What are the Lnight contour areas reported in the last three rounds of END? Article 8 2002 END/ANNEX V Contour Area Contour Area Contour Area i Does the contour area in Km2 in Km2 n Km2 include agglomerations? ≥ 60 dB Lden ≥ 70 dB Lden ≥ 50 dB Lden END R1 (2007) END R2 (2012) END R3 (2017)

	7 2002 END/ ANNEX I Article 6 BAR 2014 ANNEX I
	Annually
\bigcirc	Bi-annually
\bigcirc	Every 5 years
	Other, please specify
23. lı	n addition to Lden and Lnight, what supplementary noise metrics are used to describe the noise
	tion at the airport?
Article :	5 2002 END/ANNEX I
	Leq,T (e.g. Lday, Levening, Leq,16hrs, Leq,8hr etc.)
	N above
	Overflights
	Others, please specify
	No supplementary noise metrics used
24. A	Are forecasts of future Strategic Noise Maps being produces?
	Are forecasts of future Strategic Noise Maps being produces? 7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
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	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No
	7 2014 BAR / ANNEX IX No



4. Designation of roles

25	. With reference to END and No	ise Action Plan	(NAP), who	o is(are) the	Competent A	Authority(ies)
res	sponsible for:					

Article 4 2002 END

Developing the NAP	
Collecting the NAP	
Implementing the NAP	
Approving the NAP	
Reporting to the European Commission the NAP	

	wing the CAID	
evelopi	ping the SNP	
ollectin	ting the SNP	
	y are ear	
oprovii	ving the SNP	
eportin	ing to the European Commission the SNP	
7. Witl	ith reference to BAR, please specify:	
ticle 3 20	2014 BAR / Article 5 2014 BAR	
	the body/organization responsible for <i>developing</i> the nanagement measures as per the ICAO Balanced ch?	
	the body/organization responsible for <i>approving</i> the management measures as per the ICAO Balanced ch?	
Balance	the body/organization responsible for <i>applying</i> the ICAO ed Approach, ensuring that operating restrictions are not ered as first measure as per EU598/2014?	
nsuring	(are) the Competent Authority(ies) responsible for ng the ICAO Balanced Approach process is followed as in EU598/2014, if operating restrictions are to be ered?	
iden and	Have all the Competent Authorities designated under END and entified in the questions above? If not, please specify the name of their roles.	
	Yes	
	No, please specify	

	uthorities?				
Article 3 2014 BAR					
O No					
Yes					
		•			
30. How has the article 3 2014 BAR	independence of	of the competent	authorities beer	ensured?	
31. Who determ	ines whether a n	oise problem ex	ists at the airpor	?	
rticle 5 2014 BAR					
	shes the noise al	oatement objecti	ve(s) for the airp	ort?	
Article 5 2014 BAR					
	esignated appea	ıls body?			
33. Who is the d	esignated appea	ıls body?			
	esignated appea	ıls body?			
	esignated appea	ıls body?			
	esignated appea	uls body?			
	esignated appea	als body?			
	esignated appea	als body?			
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	esignated appea	als body?			
	esignated appea	als body?			
	esignated appea	als body?			
	esignated appea	als body?			



European Commission Study on Airport Noise Reduction 5. END and BAR implementation into national/local legislation 34. Where END and BAR are implemented into the national/local legislation? Please, state the national legislation and if available provide a web link: National/local legislation implementing END National/ local legislation implementing BAR 35. How does the national/local legislation relate to the END and BAR requirements? Implements Complements Exceeds the requirements the requirements the requirements Other END BAR If Other is selected, please specify 36. Are there any further national/local legislations that relate to airport noise management? if yes, please specify No Yes, please specify

ANNEX III 2002 END amendment		



6. Defining the noise problem	
38. Has a noise problem been identified for the airport? If yes, can this be provided Article 5 2014 BAR / Article 8 2002 END ANNEX V No	1 ?
Yes, please specify	
39. Has the noise problem been described in the Noise Action Plan? Article 5 2014 BAR / Article 8 2002 END ANNEX V	
○ No ○ Yes	
40. What indicators/metrics are used to determine whether a noise problem exists? Article 5 2014 BAR / Article 8 2002 END ANNEX V	?
Contour Area	
Population Exposure to Noise Levels	
Harmful Effects (e.g. High Annoyance, High Sleep Disturbance or Ischaemic Heart Disease) Other, Please specify	

icle 5 2014 BAR / Article 8	oriorities/objectives 3 2002 END ANNEX V				
P. How have both	the need for an effe	ective functioning	n transport system	n and protection	of the
	taken into account v				
oblem?					
ra 1 2014 BAR					



European Commission Study on Airport Noise Reduction 7. Setting the priorities / objectives 43. Please state the priority(ies) to be addressed by the current Noise Action Plan. Article 8 2002 END ANNEX V 44. Is(are) the priority(ies) the same as the current Noise Abatement Objective(s)? If not, please state the current Noise Abatement Objective(s) Yes, priorities and Noise Abatement Objective are the same No, Please state the current Noise Abatement Objective(s) 45. How have the priority(ies) and the current Noise Abatement Objective(s) been identified/quantified? Article 8 2002 END ANNEX V Harmful Effects (e.g. High Annoyance, High Sleep Disturbance or Population Exposure to Ischaemic Heart Contour Area Noise Levels Disease) Other(s) Priority(ies) Noise Abatement Objective(s) If Other(s) is selected, please specify:

Priority(ies) Noise Abatement Objective(s)	specified	By 2022 (within the	By 2028 (within the next	0.1. ()
Noise Abatement		current NAP round)	NAP round)	Other(s)
	O	O		
If Other(s) is selected, pleas	se specify:			
47. When the priority(io	es) and Noise Abateı	ment Objective(s) ar	e expected to be achieved	1 ?
	Not known	By 2022 (within the current NAP round)	By 2028 (within the next NAP round)	Other(s)
Priority(ies)				
Noise Abatement Objective(s)	\circ	\circ	\bigcirc	\bigcirc
	Annually	Bi-annually	Every 5 years	Other(s)
Priority(s)				
Noise Abatement Objective(s)	\bigcirc		\bigcirc	
If Other(s) is selected, pleas	se specify			



8. Assessment methodology of noise measures and operating Restrictions

Cost-benefit analysis not been used Cost-benefit analysis not been used Costs of the noise measure(s) (Capital and/or operational costs)	02 END ANNEX V	To determine Actions/Measures under END	To determine Measures, including Operating Restrictions under BAR
Quantification and/or monetarisation of harmful effects (ie. High Annoyance, High Sleep Disturbance or Ischaemic Heart Disease) Changes in the costs of real estate and/or land pricing or nouse/apartment rents (qualitatively, or quantitively) Valuation approaches i.e. willingness to accept as compensation for noise disturbance or willingness to pay to penefit from noise decrease Cost of fuel or emissions including to aircraft operators on ground and in air Costs of air pollution Costs of climate change Costs to nature and landscape Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and acconomic effects	Cost-benefit analysis not been used		
Annoyance, High Sleep Disturbance or Ischaemic Heart Disease) Changes in the costs of real estate and/or land pricing or nouse/apartment rents (qualitatively, or quantitively) Valuation approaches i.e. willingness to accept as compensation for noise disturbance or willingness to pay to penefit from noise decrease Cost of fuel or emissions including to aircraft operators on ground and in air Costs of air pollution Costs of climate change Costs to nature and landscape Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and economic effects			
Aduation approaches i.e. willingness to accept as compensation for noise disturbance or willingness to pay to penefit from noise decrease Cost of fuel or emissions including to aircraft operators on ground and in air Costs of air pollution Costs of climate change Costs to nature and landscape Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and economic effects	Annoyance, High Sleep Disturbance or Ischaemic Heart		
compensation for noise disturbance or willingness to pay to penefit from noise decrease Cost of fuel or emissions including to aircraft operators on ground and in air Costs of air pollution Costs of climate change Costs to nature and landscape Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and economic effects			
Costs of air pollution Costs of climate change Costs to nature and landscape Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and economic effects	compensation for noise disturbance or willingness to pay to		
Costs of climate change Costs to nature and landscape Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and economic effects			
Costs to nature and landscape Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and economic effects	Costs of air pollution		
Accident/safety costs, including third-parties Costs related to direct, indirect or catalytic employment and economic effects	Costs of climate change		
Costs related to direct, indirect or catalytic employment and economic effects	Costs to nature and landscape		
economic effects	Accident/safety costs, including third-parties		
her, please specify			
	her, please specify		

	To determine Actions/Measures under END	To determine Measures, including Operating Restrictions under BAR
Cost-effectiveness analysis not been used		
Total costs of the noise measure(s) (Capital and/or operational costs)		
Change in the number of people exposed to noise levels at their dwellings with/without the use of the Noise Measure(s)		
The safety of aviation operations, including third-party risks		
The capacity of the airport		
Any effects on the European aviation network		
Changes in harmful effects (i.e High Annoyance, High Sleep Disturbance and Ischaemic Heart Disease) with/without the noise measure(s)		
Environmental sustainability, including Interdependencies between noise and emissions		
Any direct, indirect or catalytic employment and economic effects		
her, please specify		
51. Which of the following harmful effects are assess	ed? Please justify your	selection
2002 END ANNEX V High Annoyance High Sleep Disturbance Ischemic Heart Disease Other harmful effects Harmful effects not assessed Please justify your selection		
High Annoyance High Sleep Disturbance Ischemic Heart Disease Other harmful effects Harmful effects not assessed	es to consider health, s	ocial and economics

benefit/effective	eness assessment and v	what factors to consi	der?	
No				
Yes				
les				



9. Identification of noise measures

Please indicate if the following measures have been implemented (or are planned to be) for this airport and when, or whether they have been considered for future implementations.

Article 8 2002 END ANNEX V / Article 5 BAR 2014 / Article 6 BAR 2014 ANNEX I / BAR Article 5(2)

At Source

	Not implemented (and excluded from future implementation)	Adopted pre 2007	Adopted post 2007 in one of the three END round	Planned to be implemented	Considered (for future implementation)	Not yet considered (but possible consideration in future)
Voluntary agreements for the complete phase out or removal during time sensitive periods of marginally compliant aircraft			0			
Voluntary agreements for the complete phase out or removal in time sensitive periods of specific aircraft (not defined as <u>marginally compliant</u>)		\circ			\circ	\circ
Noise related airport charges based on the noise performance (i.e. operation/mode measured performance as dB expectation)		0			0	0
Noise related charges based on the noise certification (i.e. based on certificated noise levels)						\bigcirc
Noise related charges based on other criteria (e.g. blend approach)	, 0				0	0
If so, please specify the other criteria	a					

			ure (depart	ure)		
	Not Implemented (and excluded from future implementation)	Adopted pre 2007	Adopted post 2007 in one of the three END round	Planned to be implemented	Considered (for future implementation)	Not yet considered (but possible consideration in future)
Continuous climb procedures						
Minimum climb gradients						
Required use of NAPD 1 only						
Required use of NAPD 2 only						
Noise preferential routes						0
Alternation of the use of noise preferential routes		\bigcirc	\bigcirc	\bigcirc		
PBN departure routes						
Predictable and scheduled respite from overflight measures				\bigcirc		
Preferential runway use for noise purposes						
Airspace design restrictions (e.g. not below heights over sensitive receptors)	\bigcirc					
Noise limits and fines						

Operational procedure (arrival)

	Not Implemented (and excluded from future implementation)	Adopted pre 2007	Adopted post 2007 in one of the three END round	Planned to be implemented	Considered (for future implementation)	Not yet considered (but possible consideration in future)
Continuous Descent Approach						
Low Power Low drag approaches						
Landing gear deployment measures	0			0		0
Steeper Approaches (more than 3 degrees)						\bigcirc
PBN arrival routes						
Predictable and scheduled respite from overflight measures						\bigcirc
Preferential runway use						
Noise limits and fines						
Airspace design restrictions (e.g. not below specified heights over sensitive receptors)	0	0	0	0	0	0

57.						
	L	and Use Pl	anning			
	Not Implemented (and excluded from future implementation)	Adopted pre 2007	Adopted post 2007 in one of the three END round	Planned to be implemented	Considered (for future implementation)	Not yet considered (but possibl consideration in future)
Building codes or planning guidance (including prohibiting construction of new buildings) in place to avoid or reduce the noise impact on sensitive land uses	0			0	0	0
Stakeholders consultation in regard of new developments in noise sensitive areas	\circ	\bigcirc	0	0	\circ	
Monitoring / reporting of sensitive land use (e.g. residential housing) encroachment within the END contours	0	0	0		0	0
Relocation assistance measures for most sensitive areas	\bigcirc	\bigcirc	\bigcirc	\circ		
Naine Inculation Color					_	
Noise Insulation Schemes so, please specify details of the noi	ise insulation sche	me	0			
so, please specify details of the noi		me erating Res	strictions			
So, please specify details of the noi	Not Implemented (and excluded		Adopted post 2007 in one of the three END round	Planned to be implemented	Considered (for future implementation)	Not yet considered (but possib consideration in future)
so, please specify details of the noi	Not Implemented (and excluded from future	erating Res	Adopted post 2007 in one of the three END	be	(for future	considered (but possib consideration
so, please specify details of the noi	Not Implemented (and excluded from future	erating Res	Adopted post 2007 in one of the three END	be	(for future	considered (but possib consideration
so, please specify details of the noi 88. Night Flight Restrictions Mandatory Time based restrictions	Not Implemented (and excluded from future implementation)	erating Res	Adopted post 2007 in one of the three END	be	(for future	considered (but possib consideration
So, please specify details of the noise of the noise so, please specify details of the noise so. Night Flight Restrictions Mandatory Time based restrictions on marginally compliant aircraft Mandatory Phase out of marginally	Not Implemented (and excluded from future implementation)	erating Res	Adopted post 2007 in one of the three END	be	(for future	considered (but possible consideration

day

mode

aircraft type

Runway restriction by operating

Operating time restrictions by

	Not Implemented (and excluded from future implementation)	Adopted pre 2007	Adopted post 2007 in one of the three END round	Planned to be implemented	Considered (for future implementation)	Not yet considered (but possible consideration in future)	
Operating time restrictions by runway							
Operating time restrictions by routes		0		\circ			
Route restriction by aircraft type							
Route restrictions by runway							
Route restrictions by time of the day	\bigcirc			\bigcirc		\circ	
Cap on aircraft movements in place [follow up if just for a specific time period/day/night etc]		0					
Noise quota(budget) limits/cap in place [follow up if just for a specific time period/day/night etc]				\bigcirc		\bigcirc	
Partial restrictions in place that draw a distinction between daytime and night time measures				0			
Noise contour cap							
Voluntary restrictions (e.g. agreement not to land before specified time, trials, Charters, joint initiatives)	0		0		0	0	
If selected, please provide details of: - Noise Contour Caps - Voluntary Restrictions							

		Other				
	Not implemented (and excluded from future implementation)	Adopted Pre 2007	Adopted post 2007 in one of the three END round	Planned to be implemented	Considered (for future implementation)	Not yet considered (but possible consideration in future)
Relocation of the airport/runways						
Relocation of traffic to another airport						
Relocation of passengers to other modes of transport						
Protection/designation of Quiet Areas						
lease specify any other noise meas	ures implemented	l/planned/consi	dered at the a	irport		
]		



10. Consultation and engagement	
61. Transparency - Are the results of the strategic no the public? Article 8/9 / ANNEX IV 2002 END	ise maps and noise action plans made available to
No	
Yes	
62. Transparency - Where are noise strategic maps and specify where (eg: link to website, etc). Article 8/9 / ANNEX IV 2002 END	noise action plans available to the public? Please
63. Technical Cooperation - Has there been technical operators, air navigator service provider? Article 6 BAR 2014 2(d) No Yes	al engagements with airport operator, aircraft

, , , , , , , , , , , , , , , , , , ,	4. Consultation - Neveloping the noise					
Residents Groups Business Operators Operators Aircraft Aircraft/engine Navigation Network Operators Operators Operators Providers Manage Public Consultation Events On-line/virtual Consultation Events On-line publication and feedback Focus Groups Mediation Meetings Consultative Committee Groups Technical Expert Groups Aircraft Aircraft/engine Navigation Network Operators Operat						
Residents Groups Business Operators Operators Operators Providers Manager Operators Operators Operators Operators Providers Manager Operators On-line/virtual On-line/virtual On-line publication and feedback Focus Groups	rticle 6 BAR 2014					
Consultative Committee Groups Technical Expert Groups Technical Expert Groups Con-line publication and feedback Consultative Committee Groups Technical Expert Groups Consultative Comps Consultative Committee Groups Technical Expert Groups		Residents	Business		Navigation	Network Manager
Consultation Events On-line publication and feedback Focus Groups Mediation Meetings Consultative Committee Groups 121 Stakeholder briefings Technical Expert Groups						
Focus Groups						
Mediation Meetings						
Consultative Committee Groups 121 Stakeholder briefings Technical Expert Groups	Focus Groups					
Committee Groups 121 Stakeholder briefings Technical Expert Groups	Mediation Meetings					
briefings Technical Expert Groups						
Groups						
Other, please specify						

	Residents	Community Groups	Business	Airport Operators	Aircraft Operators	Aircraft/Engine manufacturers		Network Manager
National Published Media								
Local Published Media								
Competent Authority Responsible Website								
Airport Operator Responsible Website								
Radio Advertisements								
Television Media								
Leaflets in community centres (e.g. library's, council offices)								
Email communication								
Postal communication								
Postal communication ther, please specify 6. How is public info	ormed of d	lecision tak	en within a	action plan	s as result	of the consul	tation proc	ess?
Postal communication of ther, please specify 6. How is public inferticle 6 BAR 2014	ormed of d	lecision tak	en within a	action plan	s as result	of the consul	tation proc	ess?
Postal communication ther, please specify 6. How is public info	ormed of d	lecision tak	en within a	action plan	s as result	of the consul	tation proc	ess?
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Postal communication ther, please specify 6. How is public info	ormed of d	lecision tak	en within a	action plan	s as result	of the consul	tation proc	ess?



11. Resolution and review
67. How is progress against the Action plan reviewed? Article 11 END 2002
68. How is the success of the action plan measured? Article 11 END 2002
69. Is there an independent audit of progress reports? Article 11 END 2002 No Yes
70. How are disputes resolved?
Article 4 BAR 2014

71. How often is the action plan reviewed?
Article 11 END 2002
Annually
Bi-annually
Every 5 years
Other, please specify
72. How do Competent Authorities follow up and monitor the implementation of the operating restrictions
and take appropriate actions?
BAR 2014



European Comm	ission Study on Air	port Noise Redu	ction	
12. Overview				
73. How successful ha effects?	s the implementation	of the END been ir	supporting efforts to	reduce harmful
Very Unsuccessful	Unsuccessful	Fair	Successful	Very Successful
Please, motivate your score				
74. How could the END	D be improved?			
75. How successful BA	AR has been in balanc	ing the protection (of citizen's health while	e ensuring an
effective transport syst		ing the protection (or chizerrs nealth willing	e ensuring an
Very Unsuccessful	Unsuccessful	Fair	Successful	Very Successful
Please, motivate your score				

76. How could the BAR be improved?	



13. Interview

77. Which of the topics in this questionnaire would you be interested to further discuss in an interview?
Section 4: Designation of the roles
Section 5: END and BAR Implementation into nation/local legislation
Section 6: Defining the noise problem
Section 7: Setting the priorities / objectives
Section 8: Assessment methodology of noise measures
Section 9: Identification of noise measures
Section 10: Consultation / Engagement
Section 11: Resolution and Review