How Responsible Aquaculture can contribute to the UN's Global Sustainable Development Goals (SDGs)
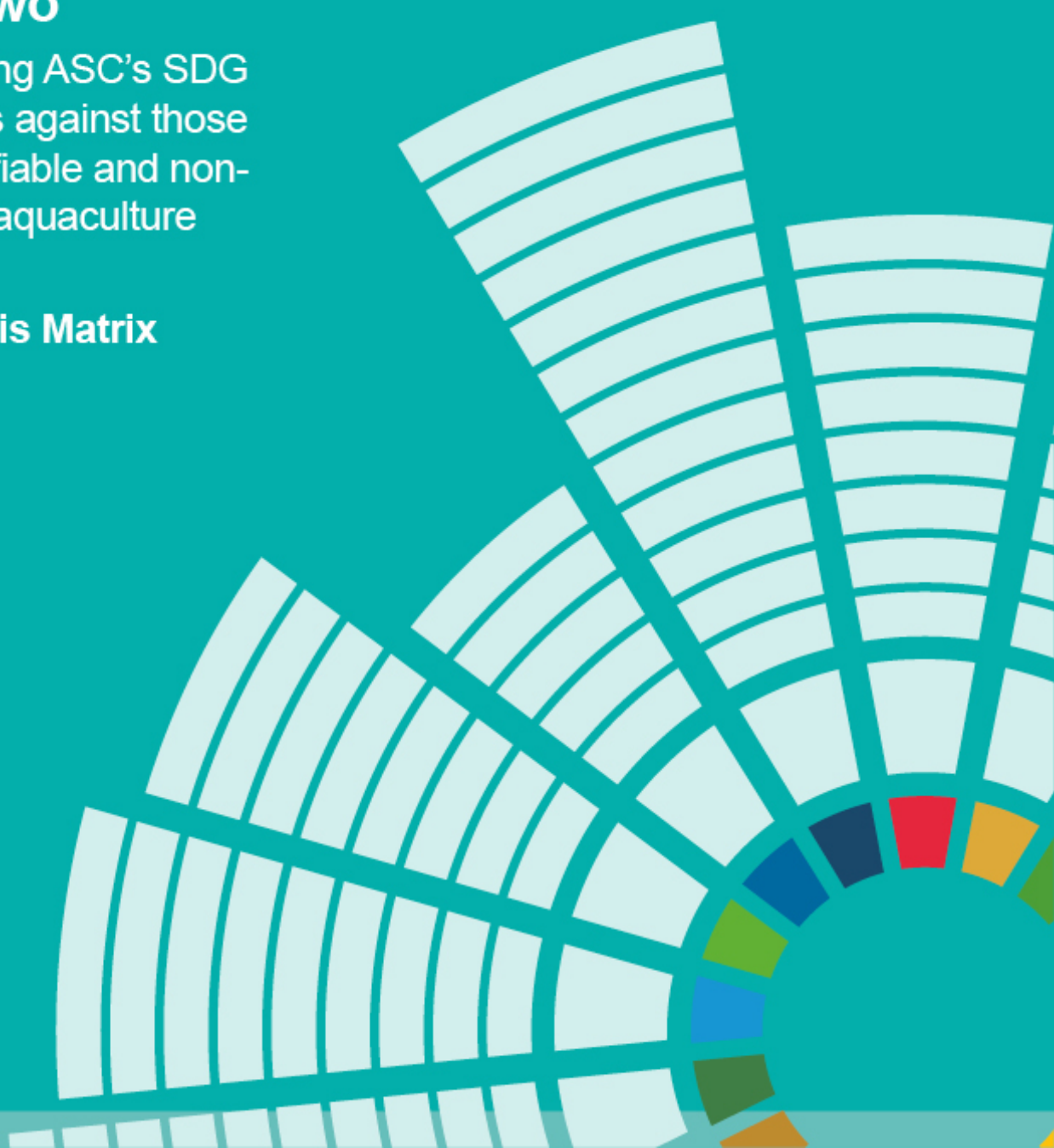
Annex Two

Benchmarking ASC's SDG contributions against those of non-veriafiable and non-transparent aquaculture operations:

Gap Analysis Matrix

2022

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & non verifiable Aquaculture SDG *Direct rating*	Non-transparent & non verifiable Aquaculture SDG *Indirect rating*	Non-transparent & non verifiable Aquaculture SDG Overall rating (*Direct + Indirect*)
SDG 1	**ASC SDG 1** Overall Contribution **score = 2.6**				Non-Verifiable/**Generic Aquaculture SDG 1** Overall Contribution **score = 0.8**		
1.1	3	0.5	**3.5**		1	0.5	**1.5**
1.2	3	0.5	**3.5**		1	0.5	**1.5**
1.3	1	0	**1**		1	0	**1**
1.4	2	0	**2**		0	0	**0**
1.5	2	1	**3**		0	0	**0**
1.A							
1.B							
Calculations	11 + 2 = 13 / 5 = SDG score of 2.6				3 + 1 = 4 / 5 = SDG score of 0.8		

How do ASC programme versus non-transparent aquaculture operations verifiably address the SDGs?

(2022 edition; See Methodology for scope, details of calculation and colourings)

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct* + *Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Ind*irect*)
SDG 2	ASC SDG 2 Overall Contribution **score = 3**				Non-Verifiable/**Generic AqC SDG 2** Overall Contribution **score = 1.58**		
2.1	2	1.5	**3.5**		2	1.5	**3.5**
2.2	1	1	**2**		1	1	**2**
2.3	2	1	**3**		2	1	**3**
2.4	3	1.5	**4.5**		0	0	**0**
2.5	3	0.5	**3.5**		0	0	**0**
2.A	1	0.5	**1.5**		1	0	**1**
2.B							
2.C							
Calculations	12 + 6 = 18 / 6 = SDG score of 3				6 + 3.5 = 9.5 / 6 = SDG score of 1.58		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Indirect)
SDG 3	**ASC SDG 3** Overall Contribution **score = 1.6**				Non-Verifiable/**Generic AqC SDG 3** Overall Contribution **score = 0.6**		
3.1							
3.2							
3.3	1	0.5	**1.5**		0	0.5	**0.5**
3.4	0	1	1		0	1	1
3.5							
3.6							
3.7							
3.8	1	0	**1**		0	0.5	**0.5**
3.9	2	1	**3**		1	0	**1**
3.A			**0**				
3.B			**0**				
3.C			**0**				
3.D	1	0.5	**1.5**		0	0	**0**
Calculations	5 + 3 = 8 / 5 = SDG score of 1.6				1 + 2 = 3 / 5 = SDG score of 0.6		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		**Non-transparent & Non verifiable** Aquaculture SDG *Direct* rating	**Non-transparent & Non verifiable** Aquaculture SDG *Indirect* rating	**Non-transparent & Non verifiable** Aquaculture SDG Overall rating (Direct + Indirect)
SDG 4	**ASC SDG 4** Overall Contribution **score = 1.25**				Non-Verifiable/**Generic AqC SDG 4** Overall Contribution **score = 0.25**		
4.1	1	0.5	**1.5**		0	0	**0**
4.2							
4.3							
4.4	1	0	**1**		0	0.5	**0.5**
4.5							
4.6							
4.7							
4.A							
4.B							
4.C							0
Calculations	2 + 0.5 = 2.5 / 2 = SDG score of 1.25				0 + 0.5 = 0.5 / 2 = SDG score of 0.25		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Ind*irect*)
SDG 5	**SDG 5 Overall Contribution score = 2**				Non-Verifiable/**Generic AqC SDG 5** Overall Contribution **score = 0**		
5.1	2	0	**2**		0	0	**0**
5.2	2	0	**2**		0	0	**0**
5.3							
5.4							
5.5	1	1	**2**		0	0	**0**
5.6							
5.A							
5.B							
5.C	2	0	**2**		0	0	**0**
Calculations	7 + 1 = 8 / 4 = SDG score of 2				0 + 0 = 0 / 4 = SDG score of 0		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Ind*irect*)
SDG 6	**SDG 6** Overall Contribution **score = 3.2**				Non-Verifiable/**Generic AqC SDG 6** Overall Contribution **score = 0**		
6.1	3	0	**3**		0	0	**0**
6.2	3	0	**3**		0	0	**0**
6.3	3	1	**4**		0	0	**0**
6.4	2	1	**3**		0	0	**0**
6.5	1	1	**2**		0	0	**0**
6.6	3	1	**4**		0	0	**0**
6.A							
6.B							
Calculations	15 + 4 = 19 / 6 = SDG score of 3.2				0 + 0 = 0 / 6 = SDG score of 0		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		**Non-transparent & Non verifiable** Aquaculture SDG *Direct* rating	**Non-transparent & Non verifiable** Aquaculture SDG *Indirect* rating	**Non-transparent & Non verifiable** Aquaculture SDG Overall rating (Direct + Ind*irect)*
SDG 7	**ASC SDG 7** Overall Contribution **score = 2**				Non-Verifiable/**Generic AqC SDG 7** Overall Contribution **score = 0**		
7.1							
7.2	2	0	**2**		0	0	**0**
7.3	2	0	**2**		0	0	**0**
7.A							
7.B							
Calculations	4 + 0 = 4 / 2 = SDG score of 2				0 + 0 = 0 / 2 = SDG score of 0		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		**Non-transparent & Non verifiable** Aquaculture SDG *Direct* rating	**Non-transparent & Non verifiable** Aquaculture SDG *Indirect* rating	**Non-transparent & Non verifiable** Aquaculture SDG Overall rating (Direct + Ind*irect)*
SDG 8	**ASC SDG 8** Overall Contribution **score = 2.8**				Non-Verifiable/**Generic AqC SDG 8** Overall Contribution **score = 1.14**		
8.1	1	0.5	**1.5**		2	1	**3**
8.2	1	0.5	**1.5**		1	0.5	**1.5**
8.3	2	1	**3**		1	0.5	**1.5**
8.4	3	1	**4**		2	0	**2**
8.5	2	0.5	**2.5**		0	0	**0**
8.6							
8.7	3	0.5	**3.5**		0	0	**0**
8.8	3	0.5	**3.5**		0	0	**0**
8.9							
8.10							
8.A							
8.B							
Calculations	15 + 4.5 = 19.5 / 7 = SDG score of 2.8				6 + 2 = 8 / 7 = SDG score of 1.14		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		**Non-transparent & Non verifiable** Aquaculture SDG *Direct* rating	**Non-transparent & Non verifiable** Aquaculture SDG *Indirect* rating	**Non-transparent & Non verifiable** Aquaculture SDG Overall rating (Direct + Indi*rect*)
SDG 9	**ASC SDG 9** Overall Contribution **score = 2.1**				Non-Verifiable/**Generic AqC SDG 9** Overall Contribution **score = 0.7**		
9.1							
9.2	2	1	**3**		1	0	**1**
9.3	1	0	**1**		1	0.5	**1.5**
9.4	3	0	**3**		1	0	**1**
9.5	1	1	**2**		0	0	**0**
9.A							
9.B	1	0.5	**1.5**		0	0	**0**
9.C							
Calculations	8 + 2.5 = 10.5 / 5 = SDG score of 2.1				3 + 0.5 = 3.5 / 5 = SDG score of 0.7		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Indirect)
SDG 10	ASC SDG 10 Overall Contribution score = 2.5				Non-Verifiable/Generic AqC SDG 10 Overall Contribution score = 0		
10.1							
10.2	2	0.5	2.5		0	0	0
10.3	3	1	4		0	0	0
10.4	2	0	2		0	0	0
10.5							
10.6							
10.7	1	0.5	1.5		0	0	0
10.A							
10.B							
10.C							
Calculations	8 + 2 = 10 / 4 = SDG score of 2.5				0 + 0 = 0 / 4 = SDG score of 0		

SDG and SDG Target #	ASC SDG Target rating Direct	ASC SDG Target rating Indirect	ASC SDG Target rating Overall Direct + Indirect		Non-transparent & Non verifiable Aquaculture SDG Direct rating	Non-transparent & Non verifiable Aquaculture SDG Indirect rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Indirect)
SDG 11	ASC SDG 11 Overall Contribution score = 2.67				Non-Verifiable/Generic AqC SDG 11 Overall Contribution score = 0		
11.1	2	0.5	2.5		0	0	0
11.2							
11.3							
11.4	3	1	4		0	0	0
11.5	1	0.5	1.5		0	0	0
11.6							
11.7							
11.A							
11.B							
11.C							
Calculations	6 + 2 = 8 / 3 = SDG score of 2.67				0 + 0 = 0 / 3 = SDG score of 0		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (*Direct + Indirect*)
SDG 12	**ASC SDG 12** Overall Contribution **score = 3.41**				Non-Verifiable/**Generic AqC SDG 12** Overall Contribution **score = 0.25**		
12.1							
12.2	3	1.5	**4.5**		1	0.5	**1.5**
12.3	2	0	**2**		0	0	**0**
12.4	3	0.5	**3.5**		0	0	**0**
12.5	3	0.5	**3.5**		0	0	**0**
12.6	3	1	**4**		0	0	**0**
12.7							
12.8	2	1	**3**		0	0	**0**
12.A							
12.B							
12.C							
Calculations	16 + 4.5 = 20.5 / 6 = SDG score of 3.41				1 + 0.5 = 1.5 / 6 = SDG score of 0.25		

SDG and SDG Target #	ASC SDG Target rating Direct	ASC SDG Target rating Indirect	ASC SDG Target rating Overall Direct + Indirect		Non-transparent & Non verifiable Aquaculture SDG Direct rating	Non-transparent & Non verifiable Aquaculture SDG Indirect rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Indirect)
SDG 13	**ASC SDG 13** Overall Contribution **score = 2.33**				Non-Verifiable/**Generic AqC SDG 13** Overall Contribution **score = 0.33**		
13.1	2	1	**3**		0	0	**0**
13.2	2	0.5	**2.5**		1	0	**1**
13.3	1	0.5	**1.5**		0	0	**0**
13.A							
13.B							
Calculations	5 + 2 = 7 / 3 = SDG score of 2.33				1 + 0 = 1 / 3 = SDG score of 0.33		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Indirect)
SDG 14	ASC SDG 14 Overall Contribution score = 3.14				Non-Verifiable/Generic AqC SDG 14 Overall Contribution score = 0.36		
14.1	2	1	3		0	0	0
14.2	3	1	4		0	0	0
14.3	2	1	3		0	0	0
14.4	3	1	4		1	0.5	1.5
14.5	1	1	2		0	0	0
14.6							
14.7							
14.A							
14.B	2	0	2		0	1	1
14.C	3	1	4		0	0	0
Calculations	16 + 6 = 22/ 7 = SDG score of 3.14				1 + 1.5 = 2.5 / 7 = SDG score of 0.36		

SDG and SDG Target #	ASC SDG Target rating Direct	ASC SDG Target rating Indirect	ASC SDG Target rating Overall Direct + Indirect		Non-transparent & Non verifiable Aquaculture SDG Direct rating	Non-transparent & Non verifiable Aquaculture SDG Indirect rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Indirect)
SDG 15	ASC SDG 15 Overall Contribution score = 3.5				Non-Verifiable/Generic AqC SDG 15 Overall Contribution score = 0.17		
15.1	3	1.5	4.5		0	0	0
15.2	3	1	4		0	0	0
15.3	2	0.5	2.5		0	0	0
15.4							
15.5	3	1.5	4.5		0	0	0
15.6							
15.7							
15.8	3	0.5	3.5		1	0	1
15.9	2	0	2		0	0	0
15.A							
15.B							
15.C							
Calculations	16 + 5 = 21/ 6 = SDG score of 3.5				1 + 0 = 1 / 6 = SDG score of 0.17		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Ind*irect*)
SDG 16	**ASC SDG 16** Overall Contribution **score = 3**				Non-Verifiable/**Generic AqC SDG 16** Overall Contribution **score = 0**		
16.1	2	0.5	**2.5**		0	0	**0**
16.2	3	0.5	**3.5**		0	0	**0**
16.3	2	0.5	**2.5**		0	0	**0**
16.4							
16.5	2	0	**2**		0	0	**0**
16.6	3	0.5	**3.5**		0	0	**0**
16.7	3	0	**3**		0	0	**0**
16.8							
16.9							
16.10	3	0.5	**3.5**		0	0	**0**
16.A							
16.B	3	0.5	**3.5**		0	0	**0**
Calculations	21+ 3 = 24/ 8 = SDG score of 3				0 + 0 = 0 / 8 = SDG score of 0		

SDG and SDG Target #	ASC SDG Target rating *Direct*	ASC SDG Target rating *Indirect*	ASC SDG Target rating Overall *Direct + Indirect*		Non-transparent & Non verifiable Aquaculture SDG *Direct* rating	Non-transparent & Non verifiable Aquaculture SDG *Indirect* rating	Non-transparent & Non verifiable Aquaculture SDG Overall rating (Direct + Ind*irect*)
SDG 17	ASC SDG 17 Overall Contribution score = 3.33				Non-Verifiable/Generic AqC SDG 17 Overall Contribution score = 0.33		
17.1							
17.2							
17.3							
17.4							
17.5							
17.6							
17.7							
17.8							
17.9							
17.10							
17.11							
17.12							
17.13							
17.14	2	1	3		1	0	1
17.15	3	0.5	3.5		0	0	0
17.16	3	0.5	3.5		0	0	0
17.17							
17.18							
17.19							
Calculations	8+ 2 = 10/ 3 = SDG score of 3.33				1 + 0 = 1 / 3 = SDG score of 0.33		