

## Stakeholder Consultation Questions Mar-Apr 2023

### ASC Farm Standard – Criterion 2.7: Water Quality

Topic	Q#	Question	Question type	Answer type	Audience	Method
Criterion 2.7	1	The water quality proposal uses innovative approaches to address previous issues in ASC standard, specifically by: <ul style="list-style-type: none"> <li>- Separating the requirements by lentic and lotic systems;</li> <li>- Creating responsive feedback loops (as opposed to separate siloed indicators) as well as indicators that seek to identify risks before a negative impact happens;</li> <li>- Creating meaningful landscape level measures;</li> <li>- Focusing on the rate of change as well as specific limits.</li> </ul> Are you aware of any evidence and practical examples that would help farms to implement these approaches successfully?	Information	open-ended question	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor, NGO Social, NGO Environmental, Government/regulator	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	2	Indicator 2.7.1 - The indicator requires farms to categorise the receiving waters according to their nutrient retention capacity based on hydraulic residence time, differentiating between still/slower flowing ('lentic') and faster flowing ('lotic') systems with the aim of focusing on the susceptibility of at-risk water bodies to additional nutrient inputs. In that context, do you agree that categorising receiving waters according to their nutrient retention capacity based on hydraulic residence time (lentic/lotic) is adequate for addressing potential water quality impacts from aquaculture on those receiving waters?	Agreement	likert scale	Academia / Research, Farm (producer), Association of farms (producers)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	2.1	If you disagree / strongly disagree, please indicate why	Information	open-ended question	Academia / Research, Farm (producer), Association of farms (producers)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	3	Indicator 2.7.2 - Do you perceive any challenges with identifying the Waterbody Unit of Management (WUM) as required by the indicator?	Feasibility	yes/no	CAB / Auditor, Farm (producer), Association of farms (producers)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	3.1	If yes, why?	Information	open-ended question	CAB / Auditor, Farm (producer), Association of farms (producers)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	4	Indicator 2.7.3 - Do you perceive any challenges with collecting the initial baseline survey data requested by the indicator requirement during the 24 months period?	Feasibility	yes/no	CAB / Auditor, Farm (producer), Association of farms (producers)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	4.1	If yes, why?	Information	open-ended question	CAB / Auditor, Farm (producer), Association of farms (producers)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	5	Indicator 2.7.4 - Do you have any information or scientific references that ASC can review to support or refine the proposed 24 months period to be considered when assessing trophic status shift?	Information	open-ended question	Academia / Research, NGO Social, NGO Environmental, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	6	Indicator 2.7.5 - Do you have any information or scientific references that ASC can review to support or refine the proposed percentage limit of the rate of change of TN, TP and chl-a (> 30% ) imposed by the indicator requirement?	Information	open-ended question	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots

Criterion 2.7	7	Indicator 2.7.6 - Do you have any information or scientific references that ASC can review to support or refine the proposed percentage of the decrease in depth of the zone of oxygen depletion or anoxia (> 10%) referred to by the indicator requirement?	Information	open-ended question	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	8	Indicator 2.7.8 - Do you have any information or scientific references that ASC can review to support or refine the proposed percentage limit of the rate of change of TN, TP and chl-a (> 30%) imposed by the indicator requirement?	Information	open-ended question	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	9	Indicator 2.7.9 - Do you have any information or scientific references that ASC can review to support or refine the proposed percentage of the decrease in depth of the zone of oxygen depletion or anoxia (> 25%) referred to by the indicator requirement?	Information	open-ended question	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	10	Indicator 2.7.10 - Do you agree with the weekly average percentage of daily DO saturation in freshwater ( $\geq 65\%$ ) and seawater ( $\geq 70\%$ ) imposed by the indicator requirement?	Agreement	likert scale	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	10.1	If you disagree / strongly disagree, please indicate why	Information	open-ended question	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	11	Indicator 2.7.12 - Do you perceive any challenges with implementing this indicator requirement?	Feasibility	yes/no	Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	11.1	If yes, why?	Information	open-ended question	Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	12	Indicator 2.7.19 - Do you have any information or scientific references that ASC can review to support or refine the proposed percentage limit of increase of TN, TP and TSS (<25%) between concentrations measured at RWFI and concentrations modelled at RWFA imposed by the indicator requirement?	Information	open-ended question	all / non-specific audience	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	13	Indicator 2.7.20 - Do you have any information or scientific references that ASC can review to support or refine the proposed percentage limit of increase of TN, TP or TSS (<25%) between concentrations measured immediately upstream and immediately downstream of the farm?	Information	open-ended question	Academia / Research, Farm (producer), Association of farms (producers)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	14	Indicator 2.7.21 - Do you agree with the weekly average percentage of daily DO saturation in freshwater ( $\geq 65\%$ ) and seawater ( $\geq 70\%$ ) imposed by the indicator requirement?	Agreement	likert scale	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	14.1	If you disagree / strongly disagree, please indicate why	Information	open-ended question	Academia / Research, Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	15	Indicator 2.7.26 - Do you perceive any challenges with implementing this indicator requirement?	Feasibility	yes/no	Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	15.1	If yes, why?	Information	open-ended question	Association of farms (producers), Farm (producer)	Survey, Workshop, 1:1 meeting, Pilots

Criterion 2.7	16	Indicator 2.7.28 - Do you have any information or scientific references that ASC can review to support or refine the proposed percentage of allowed fines in the feed?	Information	open-ended question	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor, NGO Social, NGO Environmental	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	17	Indicator 2.7.29 - Do you have any information or scientific references that ASC can review to support or refine the proposed species-specific limits on annual TN and TP load per ton of production imposed by the indicator requirement?	Information	open-ended question	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor, NGO Social, NGO Environmental	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	18	Indicator 2.7.31 - Do you perceive any challenges with implementing this indicator requirement?	Feasibility	yes/no	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	18.1	If yes, why?	Information	open-ended question	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	19	Indicator 2.7.13 - Do you perceive any challenges with implementing this indicator requirement?	Feasibility	yes/no	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	19.1	If yes, why?	Information	open-ended question	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	20	Indicator 2.7.15 - Do you perceive any challenges with implementing this indicator requirement?	Feasibility	yes/no	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	20.1	If yes, why?	Information	open-ended question	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	21	Criterion 2.7 - Do you agree with the following statement "The indicator requirements included in the criterion successfully achieve the aim of developing a method for water quality management that focuses strongly on cumulative impacts and the carrying capacity of a waterbody and they will strengthen the position of ASC farms when addressing water quality impacts"?	Agreement	likert scale	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor, NGO Social, NGO Environmental, Government/regulator	Survey, Workshop, 1:1 meeting, Pilots
Criterion 2.7	21.1	If you disagree / strongly disagree, please indicate why	Information	open-ended question	Association of farms (producers), Farm (producer), Academia / Research, CAB / Auditor, NGO Social, NGO Environmental, Government/regulator	Survey, Workshop, 1:1 meeting, Pilots