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**Re: Biodegradable FAD trial**

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From Gala Moreno <[REDACTED]>

Date Thu 27/11/2025 21:01

To WADE Mohamadou S. <[REDACTED]>; Emily Wardrop <[REDACTED]>

Cc 'fishery' <[REDACTED]>; '김보승' <[REDACTED]>; 'Kwabena Adams Blegnan' <[REDACTED]>

Dear all,

Thank you very much for the letter and excuse me for the confusion with vessel numbers yesterday.

There would be 9 vessels participating in the trials. Regarding the bio-FAD trials, a suitable target would be for each vessel to deploy **18 biodegradable FADs**, giving a total of **162 FADs**. In general, only 7–10% of deployed FADs are actually visited, which in this case would give us approximately 11 to 16 visits. This is why deploying as many FADs as possible is essential.

The project could contribute **40% of the construction costs**. At the moment, it is difficult for me to estimate the exact cost of constructing each FAD. We may need to source some materials externally and ship them to Dakar, although ideally, we will try to use local materials whenever possible.

As a preliminary estimate, the investment per vessel, if each deploys 18 FADs, would be approximately [REDACTED]. This figure may change once we have the real material costs, but I prefer to give you an initial reference now, with the intention of adjusting downward if possible.

Therefore, at this stage I propose testing 18 FADs per vessel, with each vessel contributing [REDACTED] toward materials and construction.

The project would include:

- 1.- **A first phase**, consisting of a two-day workshop with captains, fleet managers, vessel owners, and deck bosses to discuss materials, FAD designs, and construction procedures. We will also share our experience working with other fleets.
- 2.- **A construction phase**, during which the 162 FADs will be built.
- 3.- **A deployment and monitoring phase**, where the FADs will be deployed and subsequently monitored through visits and echo-sounder buoy data.
- 4.- **A Data analysis phase** of the performance of biodegradable FADs

That is all for now. I will begin drafting the full proposal and will keep you updated. In the meantime, I would like to know **whether you agree with deploying 18 FADs per vessel, with a contribution of [REDACTED] per vessel**. If this number is not satisfactory, we can discuss alternatives.

Thank you very much. Have a great end of the week

Kind regards,

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**De:** WADE Mohamadou S. <[REDACTED]>

**Fecha:** jueves, 27 de noviembre de 2025, 10:52