

Highlight on Harvest Strategy Development Process

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Pengelola Produksi Perikanan Tangkap

4th STAKEHOLDERS MEETING ON THE IMPLEMENTATION OF HARVEST STRATEGY
FOR TUNA FISHERIES IN FMA 713, 714, AND 715

Jakarta, 13 – 14 December 2021



**Ministry of Marine Affairs and Fisheries
Republic of Indonesia @2021**



LEGAL BASIS : DEVELOPING HARVEST STRATEGY/HARVEST CONTROL RULE in Indonesia FMA 713,714 and 715



Ministerial Decree of MAF 107/2105:

Tuna, Skipjack and Neritic Tuna Fishery management Plan: a direction and guidance for central and regional government for tuna conservation & management implementation in Indonesia

1.2.2.1. Objective 1 Point 3

Availability of harvest control rules and 100% of tuna and skipjack stock keys indicator data in 2016

Draft Tuna Management Plan 2021 - 2026:

Tuna, Skipjack and Neritic Tuna Fishery management Plan: a direction and guidance for central and regional government for tuna conservation & management implementation in Indonesia

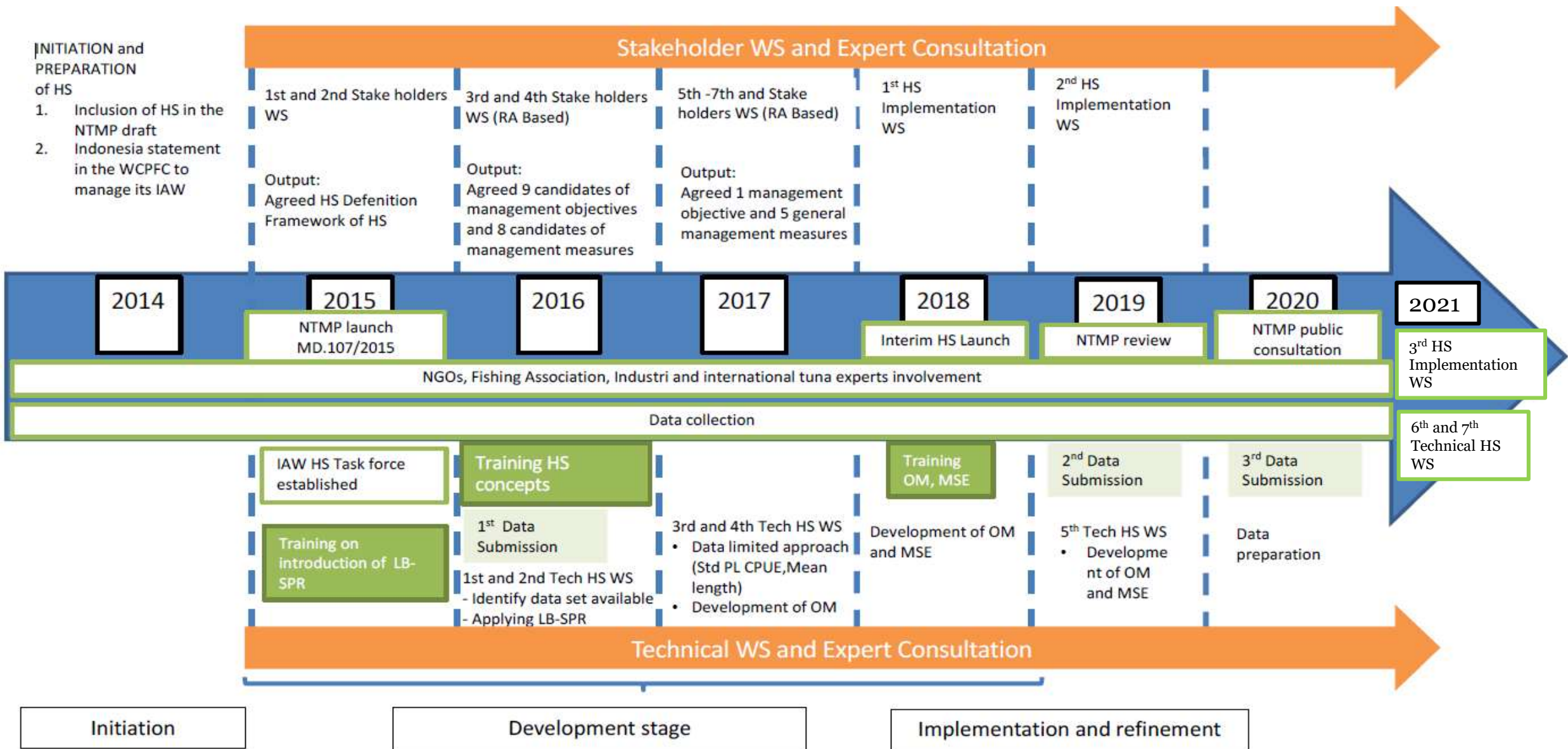
Objective 1.b Point 16

Developing Harvest Strategy for tuna in IFMA 713, 714 and 715, 2022 - 2023

Objective 1.b Point 17

Developing regulation of harvesting based on Harvest Control Rules, 2023-2024

Proses Finalization in Legal Division



Summary of Harvest Strategy Development Process for Tropical Tuna in the Indonesia's Archipelagic Waters (Satria and Sadiyah, 2020)

The Stakeholder Workshop in 2017

During the Stakeholder workshop in 2017, Management Objectives and Operational Management Objectives were selected:

Management Objectives

Ensure fish resources sustainability

Operational Management Objectives

Maintain spawning stock biomass (SSB) above the limit reference point (LRP) of 0.2 SSB_{F=0}, *at least 90% of the year during the 10 years projection period.*

The Stakeholder Workshop in 2017

During the Stakeholder workshop in 2017, five priority selected management measures were selected.

1. FAD Limitation [number of FAD, fishing operation associated with FAD]
2. Spatial closures (of important spawning or nursery grounds) and temporal closures (during important events such as spawning)
3. Number of fishing days (per gear, for semi industrial and industrial vessels)
4. Number of vessels – limited entry (per gear; for semi industrial and industrial vessels through licensing, permits, taxing, royalties)
5. Total Allowable Catch (TAC) [or catch] limits per Fisheries Management Area

The Third Bali Tuna Conference in 2018

The interim harvest strategy for tropical tuna in Indonesia's Archipelagic Waters had been launched at the Third *Bali Tuna Conference* in 2018. A management objective and limit reference point have been agreed, while five candidates of management measures were agreed, with target reference points still in discussion.

The 1st Harvest Strategy Implementation Workshop in 2018

The 1st *Harvest Strategy Implementation Workshop* in November 2018 has involved various relevant stakeholders and international experts including Harvest strategy expert from SPC. The workshop recommended that there are **no additional fishing permits** for industrial fishing vessels (>30 GT) catching yellowfin and skipjack tuna until the NTMP completes its review in 2019

The 2nd Harvest Strategy Implementation Workshop in 2019

The 2nd harvest strategy implementation workshop was held from 30 – 31 October 2019. During this workshop, **the five priority selected management measures were discussed.**

All stakeholders attended the workshop, including relevant central and local Governments, fishing associations, industry and private sector stakeholders, international and local Non-Government Organizations, Scientists and Academics, **agreed to implement these management measures, until the harvest strategies fully developed for the tropical tuna in the IAW.**

RECOMMENDATION
3RD STAKEHOLDERS MEETING ON THE IMPLEMENTATION
OF HARVEST STRATEGY FOR TUNA FISHERIES IN FMA 713,
714, AND 715

No	Recommendation	Progress
1	Recommend all data providers to improve the discipline of data collection which is the main input for the implementation of HS, including:	
	a. Ensure data collected by all Non-Governmental Organizations has the same uniformity and meets minimum data requirements by Harvest Strategy team that are appropriate and can be integrated with e-BRPL	Continuing
	b. Submission of data on the basis of the e-BRPL (port sampling) form, observer and fishing logbook, at the latest 4 March each year via email sdi.djpt@yahoo.com and harvesttuna@gmail.com. Quarterly data preparation workshops are recommended to be held consistently	Continuing
	c. Preparation and initiation of socio-economic data form standards and collection of socio-economic data;	Worksop social economic indicator on 3 December 2021
	d. Complete inputting of regional vessel data in SIMKADA and registration of vessels that catch tuna in Indonesian waters (DIVA-TUNA) to improve accountability in the management of tuna, skipjack and tuna fishing	DIVA-TUNA (Launching on 26 September 2021)

No	Recommendation	Progress
2	<p>Recommends that 5 (five) management action options can continue to be considered for implementation taking into account the characteristics of fisheries and the needs of stakeholders in each region, with further recommendations as follows</p>	
	<p>a. Controlling the Use of FADs, recommends that the Government immediately review the provisions on the placement and use and FADs for fishing business.</p>	<ol style="list-style-type: none"> 1) Ministerial Regulation No 18 Year 2021 Concerning on Fishing Gear Placement and Auxiliary Fishing Gear in WPPNRI and High Seas. 2) Limitation number of FADs: Max 3 Anchored FADs for each Fishing Vessels that allowed to deploy FADs. 3) Study on developing analysis and spatial map for potential placement of FADs in IFMA 4) Study on estimation of number and location for Anchored FADs in FMA 713, 714, 715. 5) Draft Ministerial Decision on FADs Allocation in FMA
	<p>b. Closing of Catching Areas</p>	<p>Ministerial Regulation No 26/PERMEN-KP/2020 Concerning on Prohibition for fishing Yellowfin Tuna in Spawning and Nursery ground in IFMA 714 on October to December replaced MMAF Reg. No 4/PERMEN-KP/2015 concerning on prohibition for fishing in IFMA 714</p>

No	Recommendation	Progress
	c. Controlling the number of days of operation requires further comprehensive review before being determined.	-
	d. Controlling the number of fishing vessels, recommends proposing to the Government	<ol style="list-style-type: none"> 1) MMAF Regulation No 10 Year 2021 concerning Standards for Business Activities and Products in the Implementation of Risk-based Business Licensing in the Marine and Fishery Sector. 2) DGCF Regulation No 02/PER-DJPT/2020 concerning mechanism of fish resource allocation and capture fisheries business allocation in IFMA. 3) A Series of DGCF Decision concerning fish resource allocation and capture fisheries business allocation in each FMA (2020). 4) Government Regulation No 85 year 2021 concerning non tax-revenue (PNBP) in Ministry of Marine Affairs and Fisheries. 5) MMAF Regulation concerning Fishing Vessel Productivity. 6) No additional fishing permits for industrial fishing vessels (>30 GT) catching yellowfin and skipjack tuna until the NTMP completes its review in 2019 (Recomendation the 1st Harvest Strategy Implementation Workshop in November 2018)
	e. Control of catch level, recommends to the Government	<ol style="list-style-type: none"> 1) MMAF Decision concerning Estimation of Fish Resources Potential, Total Allowable Catch (TAC) and Level of Utilization in Indonesia FMA. 2) A Series of DGCF Decision concerning fish resource allocation and capture fisheries business allocation in each FMA (2020)

No	Recommendation	Progress
3	<p>Recommends that a more comprehensive socio-economic study be conducted so that the results can be used, among others in refining the design and the selection criteria for candidate harvest strategies. In addition the results will be useful for recommending further studies for market preference (Market Study).</p>	<ol style="list-style-type: none"> 1) Monitoring and evaluation project on social economy of tuna fisheries in on going through ACIAR Project. 2) Worksop social economic indicator on 3 December 2021
4	<p>Recommends that the development of tuna institutions should be carried out, which is expected to accommodate the "Tuna Fisheries Joint Management Committee", as a tuna fisheries management consultation platform, which has been formed by the Provincial Government</p>	<ol style="list-style-type: none"> 1) Tuna Institutional structure is still on discussion 2) Current National Commission on the Study of Fish Resources has no elements for highly migrated fish resources and inland water resources.
5	<p>Recommend to continue the agreement and recommendation of the 2nd Stakeholder Meeting in 2019 which is still possible, a.l. socialization of the results of stakeholder meetings to the regions in FMA 713, 714 and 715 and public consultation on new rules to be revised (regional input is needed)</p>	<p>Socialisation activities have been conducted through KPBP dan LPP WPPNRI meetings for 713.</p>



Terima Kasih

