

# Sea Cucumber 21/22 Pre-Season Stakeholder's Session

## Agenda Points

9.00 – 11.00

- ◆ TAC calculation (4-yr Data /Actuals) vs Quota
- ◆ Vessel Performance data (4-yr Data / Actuals)
- ◆ Proposal –Precautionary Approach of Quota
- ◆ Proposal –Vessel / Licensee Replacement
- ◆ Upcoming Stock Assessment –Involvement of fisher folks
- ◆ Season Quota Redistribution –Mid season & 1 time only
- ◆ Best managed fishery in Seychelles ‘an example’
  - ◆ MAC’s role
  - ◆ SFA’s role



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## Current TAC & Distribution per Vessel

	Flower teatfish	Prickly redfish	White teatfish	Total
Pieces per species	281,250	37,500	56,250	375,000
Pieces per vessel	11,250	1,500	2,250	15,000

**25 Operating Vessels**



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## TAC Calculated Over 4 Years (2017 to 2021)

Season	Consumed PR	% Consumed	Consumed WT	% Consumed	Consumed FT	% Consumed
2017-2018	32,130	86	47,862	85	193,103	69
2018-2019	37,554	100	50,249	89	177,929	63
2019-2020	37,061	99	66,491	118	268,047	95
2020-2021	38,494	103	53,241	95	243,169	86
Average	36,310	97	54,461	97	22,0562	78

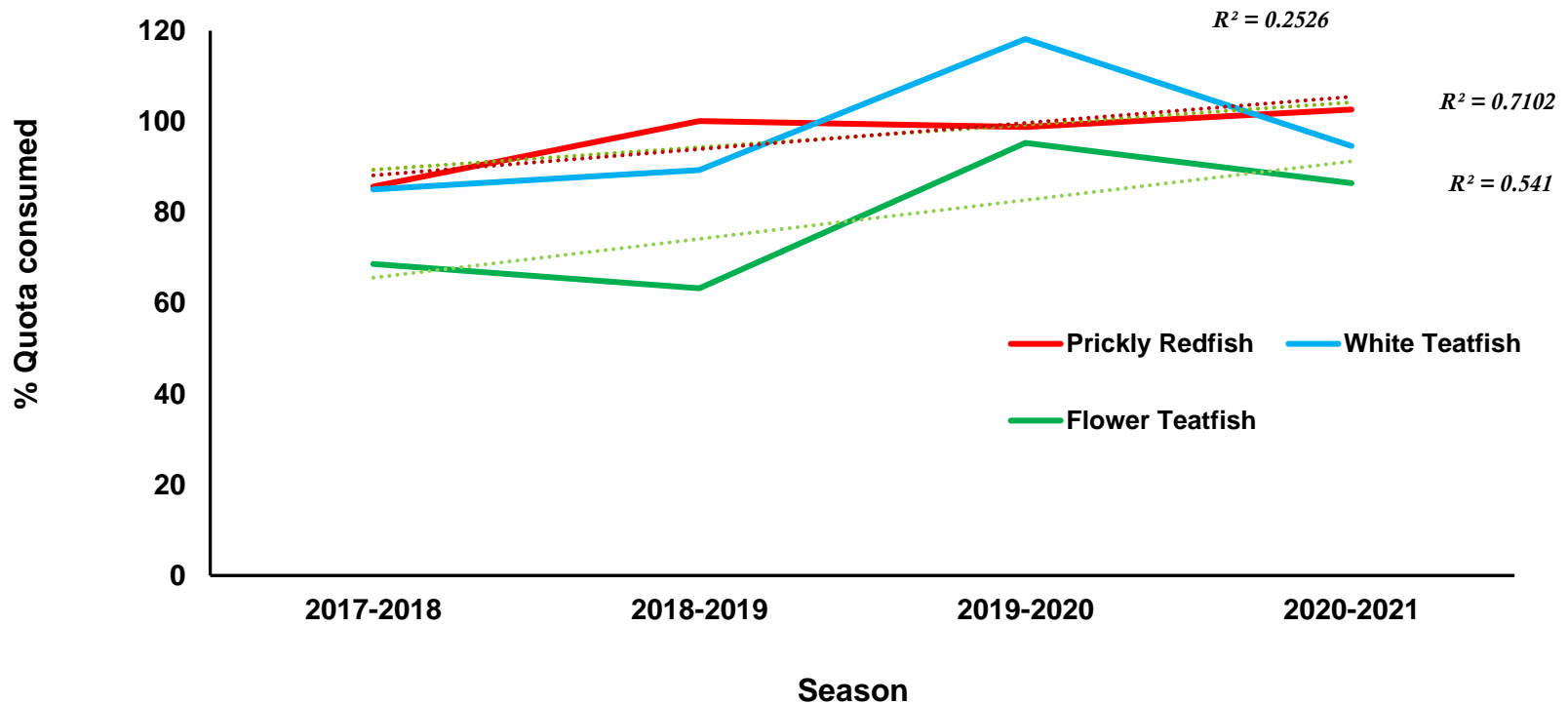


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## R-SQUARED ANALYSIS (2017 to 2021)



R2 closer to 1 –Better stability & consistency



# Sea Cucumber 21/22 Pre-Season

## Stakeholder's Session

TAC Calculated Over 4 Years (2017 to 2021)

**Average Unused %**

=

**21%**

=

**Approx. 78,750 pieces**



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# Sea Cucumber 21/22 Pre-Season

## Stakeholder's Session

### MINISTRY & BOARD PROPOSAL 21/22

**REDUCE ONLY BY**

**15%**

**=**

**Approx. 56,250 pieces**

**Instead**



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# Sea Cucumber 21/22 Pre-Season Stakeholder's Session

**PROPOSAL MINISTRY & BOARD 21/22 => 15% REDUCTION**

	Flower teatfish	Prickly redfish	White teatfish	Total
Pieces per species	227,873	37,257	53,621	318,750
Pieces per vessel	9,115	1,490	2,145	12,750
Loss per vessel	2,135	10	105	2,250

**Instead of 21% => Reduce by 15% Across the Board  
(Precautionary Approach = 1 trip)**



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### VESSEL PERFORMANCE 17 - 21

VESSEL	2017-2018	2018-2019	2019-2020	2020-2021	Avg Performance
1	184.86%	134.85%	137.89%	115.53%	143.28%
2	78.05%	100.33%	71.13%	94.86%	86.09%
3	106.77%	116.79%	43.13%	54.32%	80.25%
4	118.55%	49.41%	157.39%	122.45%	111.95%
5	92.81%	60.95%	108.27%	32.62%	73.66%
6	120.89%	63.53%	66.34%	90.76%	85.38%
7	0.00%	0.00%	138.66%	129.82%	134.24%
8	0.00%	53.23%	70.76%	92.95%	72.31%
9	81.00%	64.87%	98.05%	89.31%	83.31%
10	60.65%	68.07%	55.24%	98.85%	70.70%
11	72.56%	84.01%	150.53%	123.89%	107.75%
12	79.49%	103.07%	77.45%	59.71%	79.93%
13	47.57%	76.79%	91.69%	54.92%	67.74%
14	139.53%	138.77%	129.91%	106.85%	128.77%
15	94.26%	110.07%	85.75%	93.75%	95.96%
16	114.41%	103.66%	134.20%	111.16%	115.86%
17			197.41%	132.79%	165.10%
18		26.88%	59.90%	96.75%	61.18%
19	0.00%	20.87%	105.41%	90.30%	72.19%
20	66.01%	30.38%	86.55%	108.13%	72.77%
21	131.95%	163.47%	148.07%	109.19%	138.17%
22	21.73%	77.23%	98.57%	116.35%	78.47%
23	117.87%	60.53%	125.59%	108.81%	103.20%
24	52.69%	103.33%	120.71%	90.63%	91.84%
25	56.74%	33.34%	67.66%	56.95%	53.67%



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## Stakeholder's Session

### MINISTRY & BOARD PROPOSAL 21/22

**REMOVE x2 LEAST PERFORMING ONES**

**ADD 2+ NEW (Maintain 25 Licenses)**

**(1 FROM PRASLIN/INNER ISLAND)**

**NO GUARANTEE TO STAY IN THE FISHERY IF NOT PERFORMING**



**EXPRESSION OF INTEREST**



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# Sea Cucumber 21/22 Pre-Season

Stakeholder's Session

QUOTA REDISTRIBUTION 21/22

**MID-SEASON (AFTER 4 MONTHS) -REVIEW**

**1 TIME TRANSFER ONLY (!)**

**50% NOT USED DISTRIBUTE LINEARLY**

**NO OTHER DISTRIBUTION DURING THE YEAR**

***(If not interested Licensee has to come forward)***



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# Sea Cucumber 21/22 Pre-Season

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QUOTA DISTRIBUTION 21/22

## **OUTER ISLANDS**

**Quota distribution excludes any outer island trips**

**This will be approved only after total quota has been exhausted**

**Special conditions apply, case by case application**



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# Sea Cucumber 21/22 Pre-Season Stakeholder's Session

## UPCOMING STOCK ASSESSMENT 21/22

### **STOCK ASSESSMENT (MRAG UK)**

- ◆ Involving fisherfolks themselves (divers, skippers & vessel owners)
- ◆ To be accompanied by m/v Amitie independently (SFA Research team)
- ◆ x2 trips –November 21 & February 22 (End of season data assessment ready)
- ◆ Quota for 22/23 will be based on => SA and actual harvested & landed
- ◆ Options:
  - (i) Hire a complete vessel / pay for full trip / all species (not only the x3)\*
  - (ii) Pay individual divers & team members on x1 vessel



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## Stakeholder's Session

### BEST MANAGED FISHERY IN SEYCHELLES

- 🟢 Catch Data documentation & accuracy important to maintain
- 🟢 MAC clear on their role as advisory
- 🟢 SFA to be the regulator & quota distributor
- 🟢 If any force majeure it has to be reported to SFA
- 🟢 No longer boat-to-boat quota distribution
- 🟢 No IUU fishing / exchanges at sea
- 🟢 Respect to licensing conditions (VMS, crew composition, etc.)



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Stakeholder's Session

**PROCESSOR / EXPORTER 21/22**

**MAINTAIN FOUR (4), CURRENTLY THREE (3)**

**ADD 1 NEW**



**EXPRESSION OF INTEREST**

**(Special conditions apply)**



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**BEST MANAGED FISHERY IN SEYCHELLES**

**Thank You**

**Q & A**



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