

TCAC SIMULATION SCENARIO 1 RESULTS

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General scenario configuration

Species	Yellowfin tuna
Total allowable catch	300,000 t
Main allocation components	
1 - Baseline weight	5%
2 - Coastal state weight	5%
3 - Catch-based weight	90%
Coastal State components (item 2)	
2.1 - Equal share weight	35%
2.2 - Socio-economic weight	47.5%
2.3 - National jurisdiction area surface weight	17.5%
Socio-economic weight components (item 2.2)	
2.2.1 - Human Development Index status weight	30%
2.2.2 - Gross national income status weight	30%
2.2.3 - Small Islands Development status weight	40%
Catch-based configuration parameters	
Reference years	2000-2016
Reference method	Selected period
Part of foreign catch taken in NJA re-attributed to coastal states (Year 1)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 2)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 3)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 4)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 5)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 6)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 7)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 8)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 9)	0%
Part of foreign catch taken in NJA re-attributed to coastal states (Year 10)	0%

Quota (%) table after transition period (Year 10)

Entity code	Entity name	Status	Baseline	Coastal States	Catch-based	Total
AUS	Australia	CP	0.172	0.210	0.031	0.413
BGD	Bangladesh	CP	0.172	0.165	0.000	0.338
CHN	China	CP	0.172	0.000	0.447	0.619
COM	Comoros	CP	0.172	0.403	0.616	1.192
EUR	European Union	CP	0.172	0.088	22.947	23.207
FRAT	France (OT)	CP	0.172	0.140	1.390	1.702
GBR	United Kingdom	CP	0.172	0.105	0.012	0.289
IDN	Indonesia	CP	0.172	0.192	7.500	7.865
IND	India	CP	0.172	0.218	4.378	4.768
IRN	I.R. Iran	CP	0.172	0.152	6.696	7.020
JPN	Japan	CP	0.172	0.000	2.720	2.893
KEN	Kenya	CP	0.172	0.165	0.038	0.376
KOR	Korea	CP	0.172	0.000	0.865	1.038
LKA	Sri Lanka	CP	0.172	0.152	8.228	8.553
MDG	Madagascar	CP	0.172	0.209	0.172	0.554
MDV	Maldives	CP	0.172	0.394	7.108	7.675
MOZ	Mozambique	CP	0.172	0.191	0.006	0.370
MUS	Mauritius	CP	0.172	0.385	0.345	0.902
MYS	Malaysia	CP	0.172	0.112	0.155	0.439
OMN	Oman	CP	0.172	0.100	3.152	3.425
PAK	Pakistan	CP	0.172	0.179	3.750	4.102
PHL	Philippines	CP	0.172	0.000	0.202	0.374
SDN	Sudan	CP	0.172	0.191	0.000	0.364
SOM	Somalia	CP	0.172	0.209	0.000	0.381
SYC	Seychelles	CP	0.172	0.400	7.003	7.575
THA	Thailand	CP	0.172	0.112	0.178	0.462
TWN	Taiwan,China	OBS	0.000	0.000	5.611	5.611
TZA	Tanzania	CP	0.172	0.179	0.515	0.867
YEM	Yemen	CP	0.172	0.191	5.890	6.254
ZAF	South Africa	CP	0.172	0.157	0.045	0.374

TAC (metric tonnes; t) table after transition period (Year 10)

Entity code	Entity name	Status	Baseline (t)	Coastal States	Catch-based	Total
AUS	Australia	CP	517.2	630.0	92.3	1,239.5
BGD	Bangladesh	CP	517.2	496.4	0.0	1,013.6
CHN	China	CP	517.2	0.0	1,341.1	1,858.3
COM	Comoros	CP	517.2	1,208.9	1,848.9	3,575.0
EUR	European Union	CP	517.2	262.5	68,840.8	69,620.5
FRAT	France (OT)	CP	517.2	420.0	4,168.8	5,106.1
GBR	United Kingdom	CP	517.2	315.0	34.9	867.2
IDN	Indonesia	CP	517.2	575.9	22,501.3	23,594.5
IND	India	CP	517.2	653.9	13,133.0	14,304.1
IRN	I.R. Iran	CP	517.2	455.3	20,087.6	21,060.1
JPN	Japan	CP	517.2	0.0	8,160.5	8,677.7
KEN	Kenya	CP	517.2	496.4	113.2	1,126.8
KOR	Korea	CP	517.2	0.0	2,595.4	3,112.7
LKA	Sri Lanka	CP	517.2	455.3	24,685.3	25,657.9
MDG	Madagascar	CP	517.2	626.8	516.9	1,661.0
MDV	Maldives	CP	517.2	1,183.4	21,323.2	23,023.9
MOZ	Mozambique	CP	517.2	574.3	18.9	1,110.5
MUS	Mauritius	CP	517.2	1,153.7	1,035.7	2,706.7
MYS	Malaysia	CP	517.2	336.2	464.3	1,317.8
OMN	Oman	CP	517.2	299.4	9,457.4	10,274.0
PAK	Pakistan	CP	517.2	537.5	11,250.9	12,305.6
PHL	Philippines	CP	517.2	0.0	604.8	1,122.0
SDN	Sudan	CP	517.2	574.3	0.0	1,091.6
SOM	Somalia	CP	517.2	626.8	0.0	1,144.1
SYC	Seychelles	CP	517.2	1,199.1	21,009.7	22,726.0
THA	Thailand	CP	517.2	336.2	533.8	1,387.2
TWN	Taiwan,China	OBS	0.0	0.0	16,833.3	16,833.3
TZA	Tanzania	CP	517.2	537.5	1,544.9	2,599.6
YEM	Yemen	CP	517.2	574.3	17,669.3	18,760.8
ZAF	South Africa	CP	517.2	470.9	133.9	1,122.0

Baseline allocation for Contracting Parties

Entity code	Entity name	Status	Allocation (%)	TAC (t)
AUS	Australia	CP	0.172	517.2
BGD	Bangladesh	CP	0.172	517.2
CHN	China	CP	0.172	517.2
COM	Comoros	CP	0.172	517.2
EUR	European Union	CP	0.172	517.2
FRAT	France (OT)	CP	0.172	517.2
GBR	United Kingdom	CP	0.172	517.2
IDN	Indonesia	CP	0.172	517.2
IND	India	CP	0.172	517.2
IRN	I.R. Iran	CP	0.172	517.2
JPN	Japan	CP	0.172	517.2
KEN	Kenya	CP	0.172	517.2
KOR	Korea	CP	0.172	517.2
LKA	Sri Lanka	CP	0.172	517.2
MDG	Madagascar	CP	0.172	517.2
MDV	Maldives	CP	0.172	517.2
MOZ	Mozambique	CP	0.172	517.2
MUS	Mauritius	CP	0.172	517.2
MYS	Malaysia	CP	0.172	517.2
OMN	Oman	CP	0.172	517.2
PAK	Pakistan	CP	0.172	517.2
PHL	Philippines	CP	0.172	517.2
SDN	Sudan	CP	0.172	517.2
SOM	Somalia	CP	0.172	517.2
SYC	Seychelles	CP	0.172	517.2
THA	Thailand	CP	0.172	517.2
TWN	Taiwan,China	OBS	0.000	0.0
TZA	Tanzania	CP	0.172	517.2
YEM	Yemen	CP	0.172	517.2
ZAF	South Africa	CP	0.172	517.2

Coastal state allocation

Equal allocation

Entity code	Entity name	Status	Allocation (%)	TAC (t)
AUS	Australia	CP	0.07	210
BGD	Bangladesh	CP	0.07	210
CHN	China	CP	0.00	0
COM	Comoros	CP	0.07	210
EUR	European Union	CP	0.07	210
FRAT	France (OT)	CP	0.07	210
GBR	United Kingdom	CP	0.07	210
IDN	Indonesia	CP	0.07	210
IND	India	CP	0.07	210
IRN	I.R. Iran	CP	0.07	210
JPN	Japan	CP	0.00	0
KEN	Kenya	CP	0.07	210
KOR	Korea	CP	0.00	0
LKA	Sri Lanka	CP	0.07	210
MDG	Madagascar	CP	0.07	210
MDV	Maldives	CP	0.07	210
MOZ	Mozambique	CP	0.07	210
MUS	Mauritius	CP	0.07	210
MYS	Malaysia	CP	0.07	210
OMN	Oman	CP	0.07	210
PAK	Pakistan	CP	0.07	210
PHL	Philippines	CP	0.00	0
SDN	Sudan	CP	0.07	210
SOM	Somalia	CP	0.07	210
SYC	Seychelles	CP	0.07	210
THA	Thailand	CP	0.07	210
TWN	Taiwan,China	OBS	0.00	0
TZA	Tanzania	CP	0.07	210
YEM	Yemen	CP	0.07	210
ZAF	South Africa	CP	0.07	210

Socio-economic allocation

Human Development Index status allocation

Entity code	Entity name	Status	HDI	Allocation (%)	TAC (t)
AUS	Australia	CP	VH	0.000	0.0
BGD	Bangladesh	CP	ME	0.041	123.3
CHN	China	CP	-	0.000	0.0
COM	Comoros	CP	ME	0.041	123.3
EUR	European Union	CP	VH	0.000	0.0
FRAT	France (OT)	CP	VH	0.000	0.0
GBR	United Kingdom	CP	VH	0.000	0.0
IDN	Indonesia	CP	HI	0.027	82.2
IND	India	CP	ME	0.041	123.3
IRN	I.R. Iran	CP	HI	0.027	82.2
JPN	Japan	CP	-	0.000	0.0
KEN	Kenya	CP	ME	0.041	123.3
KOR	Korea	CP	-	0.000	0.0
LKA	Sri Lanka	CP	HI	0.027	82.2
MDG	Madagascar	CP	LO	0.055	164.4
MDV	Maldives	CP	HI	0.027	82.2
MOZ	Mozambique	CP	LO	0.055	164.4
MUS	Mauritius	CP	VH	0.000	0.0
MYS	Malaysia	CP	VH	0.000	0.0
OMN	Oman	CP	VH	0.000	0.0
PAK	Pakistan	CP	LO	0.055	164.4
PHL	Philippines	CP	-	0.000	0.0
SDN	Sudan	CP	LO	0.055	164.4
SOM	Somalia	CP	LO	0.055	164.4
SYC	Seychelles	CP	HI	0.027	82.2
THA	Thailand	CP	VH	0.000	0.0
TWN	Taiwan,China	OBS	-	0.000	0.0
TZA	Tanzania	CP	LO	0.055	164.4
YEM	Yemen	CP	LO	0.055	164.4
ZAF	South Africa	CP	HI	0.027	82.2

Gross national income status allocation

Entity code	Entity name	Status	GNI	Allocation (%)	TAC (t)
AUS	Australia	CP	HI	0.000	0.0
BGD	Bangladesh	CP	LM	0.037	110.6
CHN	China	CP	-	0.000	0.0
COM	Comoros	CP	LM	0.037	110.6
EUR	European Union	CP	HI	0.000	0.0
FRAT	France (OT)	CP	HI	0.000	0.0
GBR	United Kingdom	CP	HI	0.000	0.0
IDN	Indonesia	CP	UM	0.025	73.7
IND	India	CP	LM	0.037	110.6
IRN	I.R. Iran	CP	LM	0.037	110.6
JPN	Japan	CP	-	0.000	0.0
KEN	Kenya	CP	LM	0.037	110.6
KOR	Korea	CP	-	0.000	0.0
LKA	Sri Lanka	CP	LM	0.037	110.6
MDG	Madagascar	CP	LO	0.049	147.4
MDV	Maldives	CP	UM	0.025	73.7
MOZ	Mozambique	CP	LO	0.049	147.4
MUS	Mauritius	CP	UM	0.025	73.7
MYS	Malaysia	CP	UM	0.025	73.7
OMN	Oman	CP	HI	0.012	36.9
PAK	Pakistan	CP	LM	0.037	110.6
PHL	Philippines	CP	-	0.000	0.0
SDN	Sudan	CP	LO	0.049	147.4
SOM	Somalia	CP	LO	0.049	147.4
SYC	Seychelles	CP	HI	0.012	36.9
THA	Thailand	CP	UM	0.025	73.7
TWN	Taiwan,China	OBS	-	0.000	0.0
TZA	Tanzania	CP	LM	0.037	110.6
YEM	Yemen	CP	LO	0.049	147.4
ZAF	South Africa	CP	UM	0.025	73.7

Small Islands Development status allocation

Entity code	Entity name	Status	Allocation (%)	TAC (t)
AUS	Australia	CP	0.000	0.0
BGD	Bangladesh	CP	0.000	0.0
CHN	China	CP	0.000	0.0
COM	Comoros	CP	0.238	712.5
EUR	European Union	CP	0.000	0.0
FRAT	France (OT)	CP	0.000	0.0
GBR	United Kingdom	CP	0.000	0.0
IDN	Indonesia	CP	0.000	0.0
IND	India	CP	0.000	0.0
IRN	I.R. Iran	CP	0.000	0.0
JPN	Japan	CP	0.000	0.0
KEN	Kenya	CP	0.000	0.0
KOR	Korea	CP	0.000	0.0
LKA	Sri Lanka	CP	0.000	0.0
MDG	Madagascar	CP	0.000	0.0
MDV	Maldives	CP	0.238	712.5
MOZ	Mozambique	CP	0.000	0.0
MUS	Mauritius	CP	0.238	712.5
MYS	Malaysia	CP	0.000	0.0
OMN	Oman	CP	0.000	0.0
PAK	Pakistan	CP	0.000	0.0
PHL	Philippines	CP	0.000	0.0
SDN	Sudan	CP	0.000	0.0
SOM	Somalia	CP	0.000	0.0
SYC	Seychelles	CP	0.238	712.5
THA	Thailand	CP	0.000	0.0
TWN	Taiwan,China	OBS	0.000	0.0
TZA	Tanzania	CP	0.000	0.0
YEM	Yemen	CP	0.000	0.0
ZAF	South Africa	CP	0.000	0.0

National Jurisdiction Area allocation

Entity code	Entity name	Status	NJA size (km2)	Allocation (%)	TAC (t)
AUS	Australia	CP	4,320,207	0.14	420.0
BGD	Bangladesh	CP	77,773	0.02	52.5
CHN	China	CP	NA	0.00	0.0
COM	Comoros	CP	164,571	0.02	52.5
EUR	European Union	CP	378,244	0.02	52.5
FRAT	France (OT)	CP	1,294,307	0.07	210.0
GBR	United Kingdom	CP	638,580	0.04	105.0
IDN	Indonesia	CP	1,948,313	0.07	210.0
IND	India	CP	2,283,347	0.07	210.0
IRN	I.R. Iran	CP	161,846	0.02	52.5
JPN	Japan	CP	NA	0.00	0.0
KEN	Kenya	CP	111,436	0.02	52.5
KOR	Korea	CP	NA	0.00	0.0
LKA	Sri Lanka	CP	530,275	0.02	52.5
MDG	Madagascar	CP	1,199,904	0.04	105.0
MDV	Maldives	CP	916,244	0.04	105.0
MOZ	Mozambique	CP	570,059	0.02	52.5
MUS	Mauritius	CP	1,272,857	0.05	157.5
MYS	Malaysia	CP	62,343	0.02	52.5
OMN	Oman	CP	535,212	0.02	52.5
PAK	Pakistan	CP	220,792	0.02	52.5
PHL	Philippines	CP	NA	0.00	0.0
SDN	Sudan	CP	66,483	0.02	52.5
SOM	Somalia	CP	829,359	0.04	105.0
SYC	Seychelles	CP	1,332,252	0.05	157.5
THA	Thailand	CP	118,137	0.02	52.5
TWN	Taiwan,China	OBS	NA	0.00	0.0
TZA	Tanzania	CP	240,763	0.02	52.5
YEM	Yemen	CP	543,647	0.02	52.5
ZAF	South Africa	CP	781,573	0.04	105.0

