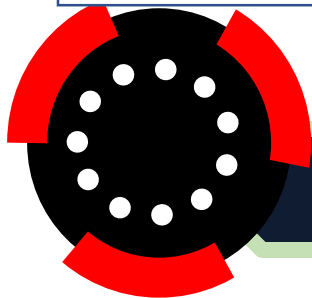




BAKAMLA ROLE IN THE SINGAPORE STRAIT

**BADAN KEAMANAN LAUT (BAKAMLA)
INDONESIAN COAST GUARD**



THE RECAAP ISC NAUTICAL FORUM 11/20



INTRODUCTION

GEOGRAPHICAL POSITION

ACHIPELAGIC STATE CONSTELATION

SLOC & SLOT

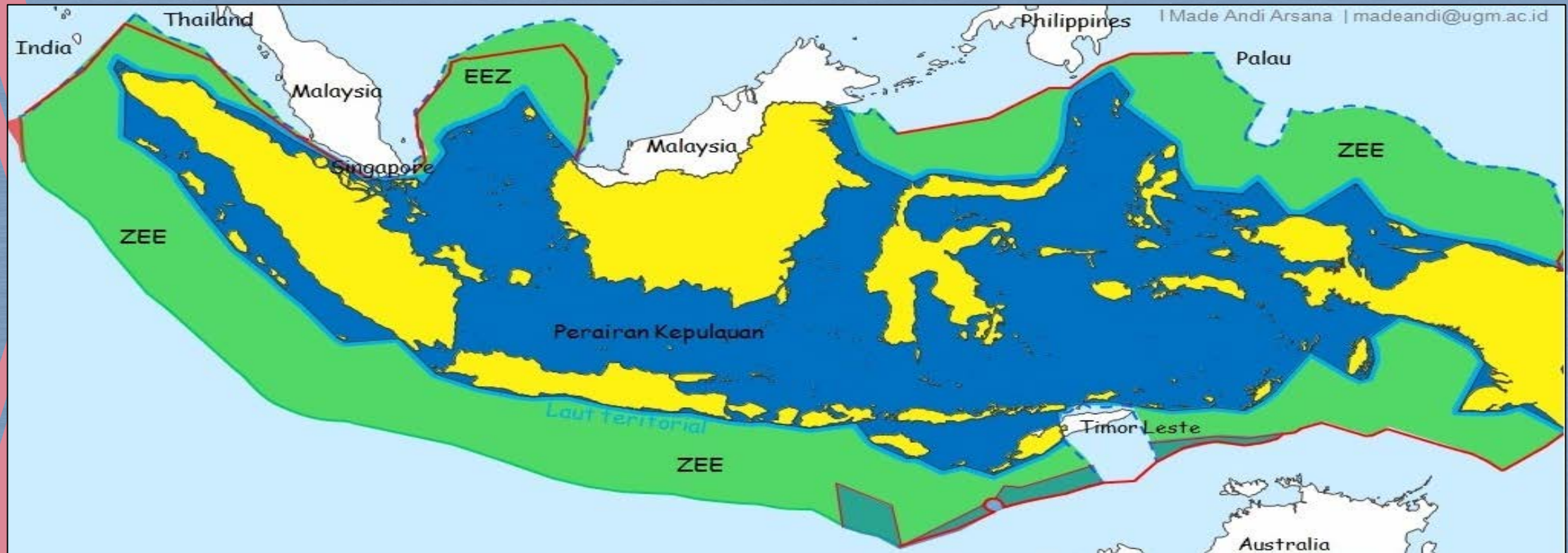
LIMITATION

SOURCE : BAKAMLA COMMAND CENTER, (CENTER OF HYDROGRAPHY AND OCEANOGRAPHY – GEOSPATIAL INFORMATION AGENCY – MINISTRY OF COORD FOR MARITIME AND INVESTMENT, 2019)





INDONESIA MARITIME BOUNDARY



- MARITIME BOUNDARIES : BORDER WITH 10 COUNTRIES : INDIA, THAILAND, MALAYSIA, SINGAPORE, VIETNAM, THE PHILIPPINES, THE REPUBLIC OF PALAU, PAPUA NEW GUINEA, AUSTRALIA AND TIMOR LESTE



MARITIME SECURITY ISSUES



VIOLENCE

ARMED, ORGANIZED, DISTURBING & DANGEROUS ISSUES

Example : Terrorism, Sabotage of Vital Objects

NAVIGATION

SHIPPING SAFETY ISSUE DUE TO GEOGRAPHIC, HYDROGRAPHY, NAVIGATION & FACILITIES FACTORS

Example : Natural Disasters/Tsunami, Bad Weather, Ship Accident, Human Negligence, Sign & Navigation Tools and Lack of Safety Tools

MARINE RESOURCES

MARINE POLLUTION, DAMAGE OF THE MARINE ECOSYSTEM, CONFLICT AREA OF MARINE RESOURCES

Example : Oil Spills, Shipwreck, Fisheries Area Claim and Dispute of Maritime Boundary Area

LEGAL

VIOLATION OF NATIONAL AND INTERNATIONAL LAW AT SEA

Example : **Fishery (IUU FISHING)**, Forestry (*Illegal Logging*), People Smuggling, Illegal Mining, Illegal goods smuggling.





KEY MARITIME SECURITY PRIORITIES FROM INDONESIA'S PERSPECTIVE

-  **CONTROL CHOKE POINT IN INDONESIAN WATER: (MALACCA STRAITS, SUNDA STRAITS, OMBAI STRAITS AND LOMBOK STRAITS)**
-  **SEA LANE SECURITY GUARANTEE**
-  **PRESERVATION OF SOVEREIGNTY OF INDONESIA**
-  **LAW ENFORCEMENT IN INDONESIAN WATERS**
-  **ENSURE BUSINESS ACTIVITIES IN INDONESIAN WATER IS SECURE AND SAFE**





INCIDENTS AND VIOLATION OF THE LAW AT SEA IN SINGAPORE STRAIT 2018-2019



RECAPITULATION OF INCIDENTS AND VIOLATION OF THE LAW AT SEA IN SINGAPORE STRAIT 2018

TYPE OF INCIDENT	AMOUNT
HUMAN TRAFFICKING	8
ILLEGAL LOGGING	2
DAMAGE OF MARINE ECOSYSTEM	1
INFRINGEMENT OF MARITIME BOUNDARY	1
GOODS SMUGGLING	10
ANIMAL SMUGGLING	1
SMUGGLING OF ALCOHOLIC DRINKS/LIQUOR	2
DRUGS SMUGGLING	4
ROBBERY	2
WITHOUT PORT CLEARANCE	7
TOTAL	38

RECAPITULATION OF INCIDENTS AND VIOLATION OF THE LAW AT SEA IN SINGAPORE STRAIT 2019

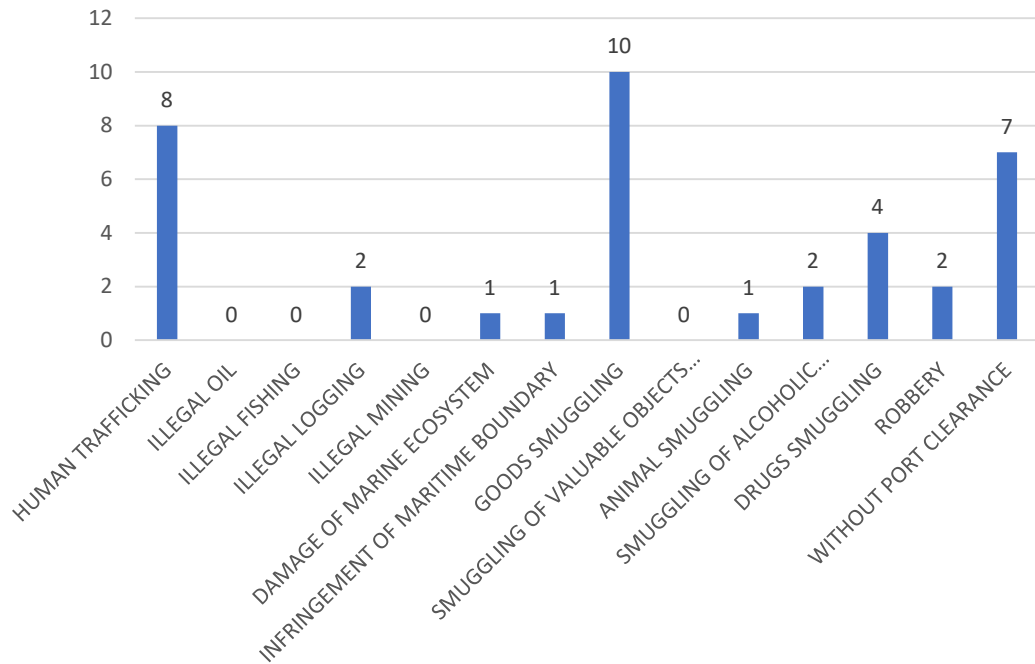
TYPE OF INCIDENT	AMOUNT
HUMAN TRAFFICKING	3
ILLEGAL OIL	5
ILLEGAL FISHING	1
ILLEGAL LOGGING	2
DAMAGE OF MARINE ECOSYSTEM	1
GOODS SMUGGLING	7
ANIMAL SMUGGLING	3
SMUGGLING OF ALCOHOLIC DRINKS/LIQUOR	2
DRUGS SMUGGLING	1
ROBBERY	2
WITHOUT PORT CLEARANCE	18
TOTAL	45



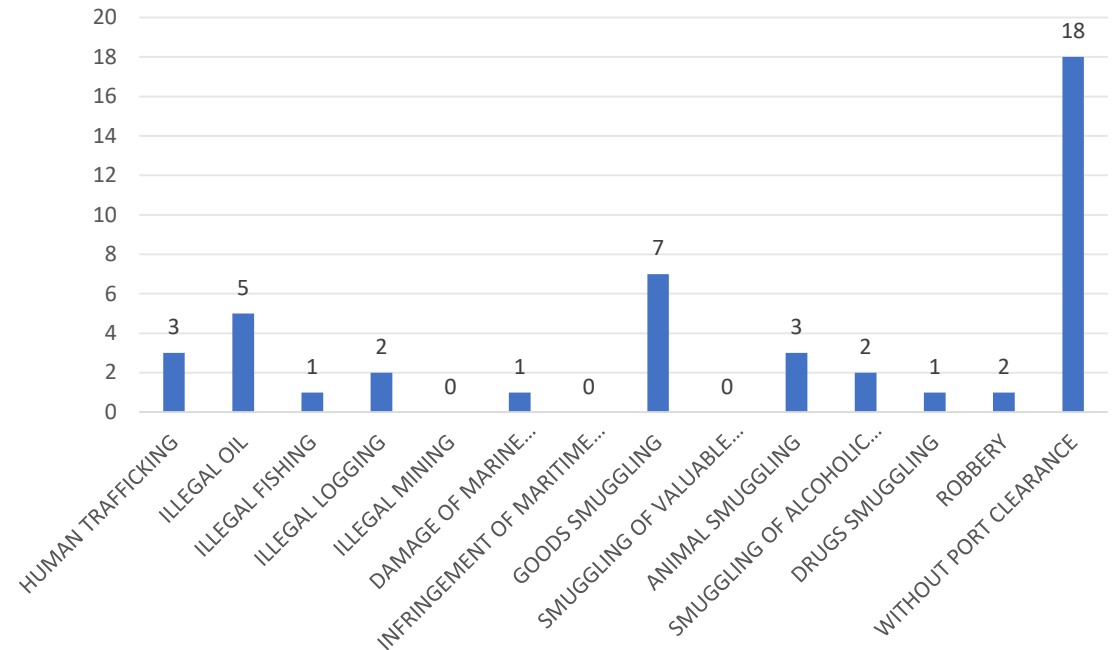
INCIDENTS AND VIOLATION OF THE LAW AT SEA IN SINGAPORE STRAIT 2018-2019



RECAPITULATION OF INCIDENTS & VIOLATION OF THE LAW AT SEA IN SINGAPORE STRAIT 2018



RECAPITULATION OF INCIDENTS & VIOLATION OF THE LAW AT SEA IN SINGAPORE STRAIT 2019





INCIDENTS AND VIOLATION OF THE LAW AT SEA IN MALACCA STRAIT 2018-2019



RECAPITULATION OF INCIDENTS AND VIOLATION OF THE LAW AT SEA IN MALACCA STRAIT 2018

TYPE OF INCIDENT	AMOUNT
HUMAN TRAFFICKING	7
ILLEGAL OIL	1
ILLEGAL FISHING	15
ILLEGAL LOGGING	2
GOODS SMUGGLING	16
ANIMAL SMUGGLING	1
DRUGS SMUGGLING	4
ROBBERY	0
TOTAL	46

RECAPITULATION OF INCIDENTS AND VIOLATION OF THE LAW AT SEA IN MALACCA STRAIT 2019

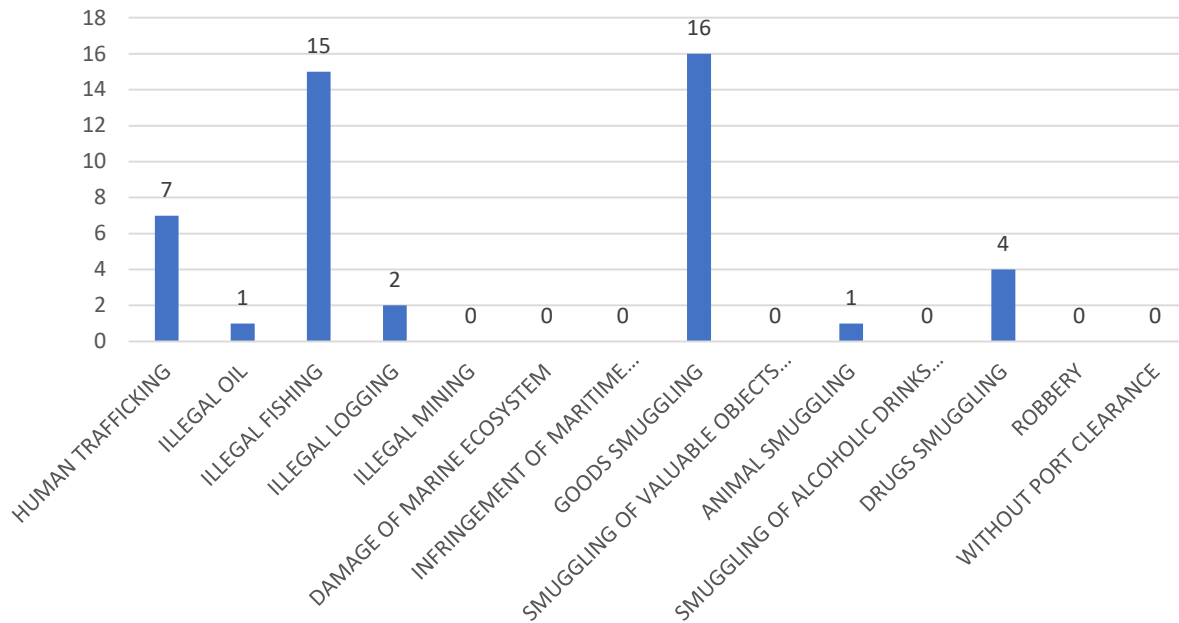
TYPE OF INCIDENT	AMOUNT
HUMAN TRAFFICKING	5
ILLEGAL FISHING	16
ILLEGAL LOGGING	1
INFRINGEMENT OF MARITIME BOUNDARY	1
GOODS SMUGGLING	10
ANIMAL SMUGGLING	1
DRUGS SMUGGLING	20
ROBBERY	0
WITHOUT PORT CLEARANCE	4
TOTAL	58



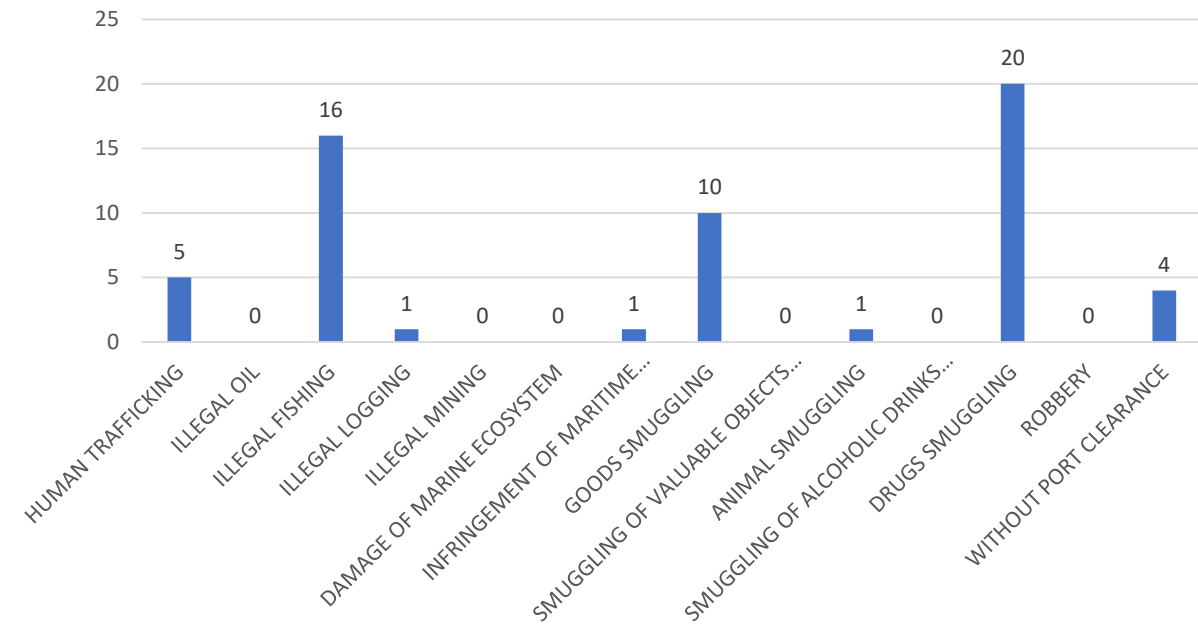
INCIDENTS AND VIOLATION OF THE LAW AT SEA IN MALACCA STRAIT 2018-2019



RECAPITULATION OF INCIDENTS & VIOLATION
OF THE LAW AT SEA IN MALACCA STRAIT 2018



RECAPITULATION OF INCIDENTS & VIOLATION
OF THE LAW AT SEA IN MALACCA STRAIT 2019





INCIDENTS AND VIOLATION OF THE LAW AT SEA IN 2018-2019



RECAPITULATION OF INCIDENTS AND VIOLATION OF THE LAW AT SEA
IN 2018

TYPE OF INCIDENT	AMOUNT
HUMAN TRAFFICKING	21
ILLEGAL OIL	21
ILLEGAL FISHING	29
ILLEGAL LOGGING	17
ILLEGAL MINNING	3
DAMAGE OF MARINE ECOSYSTEM	4
INFRINGEMENT OF MARITIME BOUNDARY	3
GOODS SMUGGLING	66
SMUGGLING OF VALUABLE OBJECTS FROM THE CARGO OF THE SUNKEN SHIPS	1
ANIMAL SMUGGLING	12
SMUGGLING OF ALCOHOLIC DRINKS/LIQUOR	25
DRUGS SMUGGLING	49
ROBBERY	6
WITHOUT PORT CLEARANCE	35
BOMB FISHING	39
TOTAL	331

RECAPITULATION OF INCIDENTS AND VIOLATION OF THE LAW AT SEA
IN 2019

TYPE OF INCIDENT	AMOUNT
HUMAN TRAFFICKING	10
ILLEGAL OIL	17
ILLEGAL FISHING	73
ILLEGAL LOGGING	12
ILLEGAL MINNING	5
DAMAGE OF MARINE ECOSYSTEM	2
INFRINGEMENT OF MARITIME BOUNDARY	3
GOODS SMUGGLING	28
ANIMAL SMUGGLING	21
SMUGGLING OF ALCOHOLIC DRINKS/LIQUOR	5
DRUGS SMUGGLING	37
ROBBERY	7
WITHOUT PORT CLEARANCE	32
BOMB FISHING	13
TOTAL	265



EFFORT IN SUPPRESSING NUMBERS OF INCIDENTS AND VIOLATION IN SINGAPORE STRAIT



LEGAL - ACCELERATION OF OMNIBUS LAW OF MARITIME SECURITY

COOPERATION AMONG NAT & INT'L INSTITUTION

ENHANCING BORDER PATROL

ENHANCING INTEGRATED SURVEILLANCE



COOPERATION OF MARITIME SECURITY AMONG NAT & INT'L INSTITUTION



INFORMATION SHARING



PATROL AND EXERCISE

DEVELOP MARSEC SYST AND MDA



UTILIZATION SURVEILLANCE SYSTEM IN BAKAMLA



LACK OF FACILITIES: PATROL VESSEL

LACK OF HUMAN RESOURCES

EFFICIENCY OF OPERATIONAL BUDGET

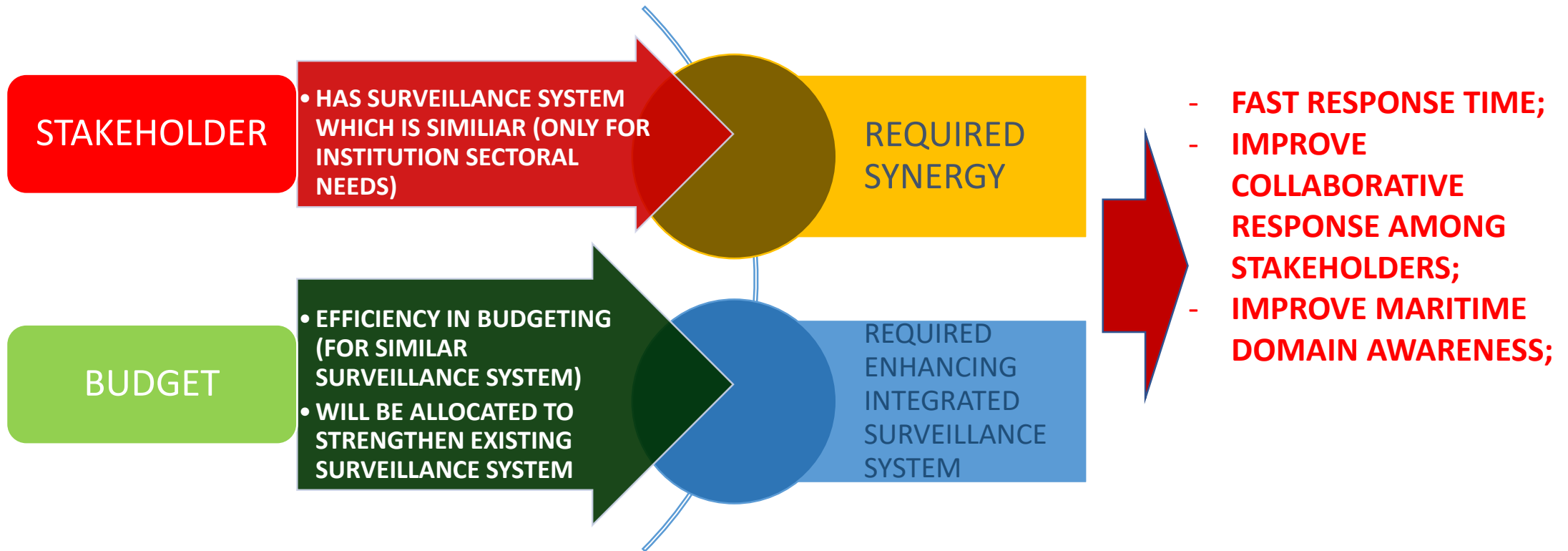
EFFECTIVE RESPONSE

A WIDE AREA TO BE MONITORED



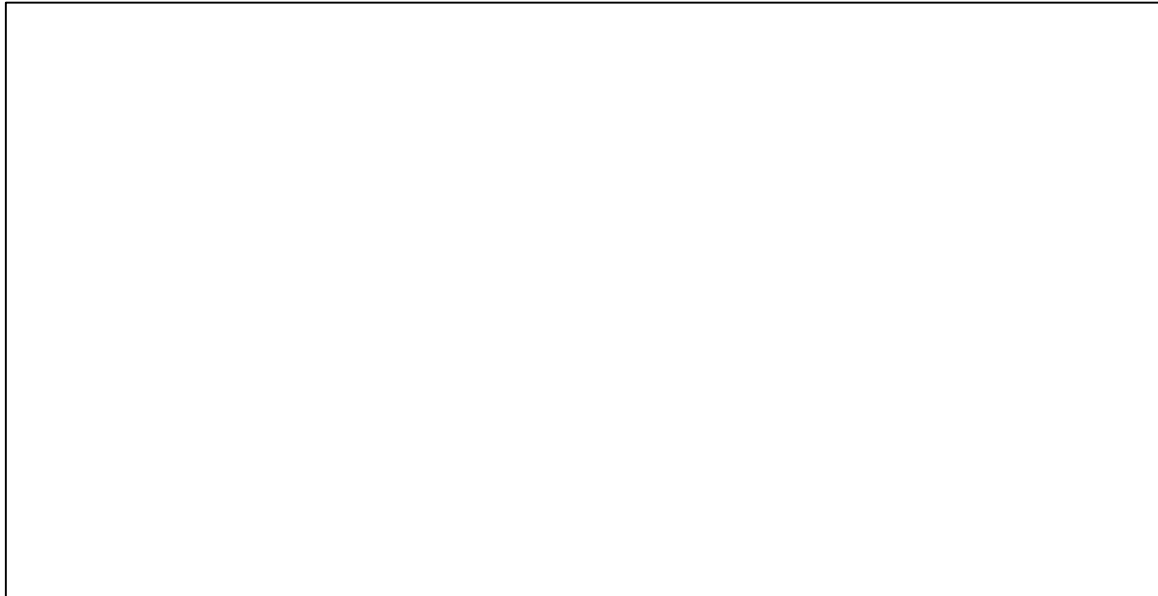


STAKEHOLDER' SURVEILLANCE SYSTEM





MARITIME INTEGRATED SURVEILLANCE SYSTEM



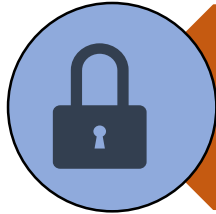
COMMAND CENTER

- FACILITATE COMMAND AND CONTROL
- INTEGRATED SURVEILLANCE SYSTEM
- MORE EFFECTIVE RESPONSE
- MORE EFFICIENT

FUSION CENTER

- SHARING INFO AMONG STAKEHOLDERS
- LIAISON OFFICERS
- INCREASE MARITIME DOMAIN AWARENESS
- TRIGGER COLLABORATIVE RESPONSE

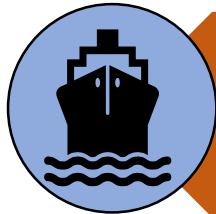
THE DEVELOPMENT OF MARITIME INTEGRATED SURVEILLANCE SYSTEM



**NAT. FUSION CENTER, NAT COMMAND CENTER HQ AND
SUB COMMAND CENTER : SINGAPORE STRAIT**



**UNMANNED COASTAL SURVEILLANCE STATION WITH
SENSORS LOCATED IN THE CHOKE POINTS AND SEA LANES
(18 STATION)**



**MARITIME INTERDICTION OPERATION (MIO) OPV, MIO UAV
AND MIO RHIB**



**SYSTEM INTEGRATOR, SATELLITE IMAGERY AND ANALYZING
TOOLS**





Raksamahiva Camudresu Nusantarasya



**THANK YOU
TERIMA KASIH**