

POLISH NAVY MODERNISATION



UPDATE

FARNBOROUGH, 23MAY2024

**HEAD
NAVAL WEAPON SYSTEM BRANCH
Captain Cezary GNOZA**

AGENDA:

- 1. BALTIC SEA – CONSIDERATIONS.**
- 2. POLISH NAVY – CORE DIMENSIONS.**
- 3. POLISH NAVY MODERNISATION – CAPABILITIES OUTLOOK.**
- 4. DETERRENCE AND RECONNAISSANCE.**
- 5. PERSISTENCE AND PROTECTION.**
- 6. MARITIME LOGISTIC SUPPORT.**
- 7. FORTHCOMING CHALLENGES AND CONCLUSIONS.**

LET'S START WITHCROSS-REFERENCES

„Maritime security is key to our peace and prosperity. We will strengthen our posture and situational awareness to deter and defend against all threats in the maritime domain, uphold freedom of navigation, secure maritime trade routes and protect our main lines of communications”

NATO 2022 STRATEGIC CONCEPT

„Maritime security is vital to the European Union (EU) and to its Member States. Together, the EU's Member States form the largest combined exclusive economic zone in the world. The EU economy depends greatly on safe and secure oceans: over 80% of global trade is seaborne, about two-thirds of the world's oil and gas supply is either extracted at sea or transported by sea, and up to 99% of global data flows are transmitted through undersea cables. To ensure effective ocean governance, to protect our oceans and seabeds, and to unlock the full potential of the sustainable blue economy, the global maritime domain should be secure”

EU MARITIME SECURITY STRATEGY

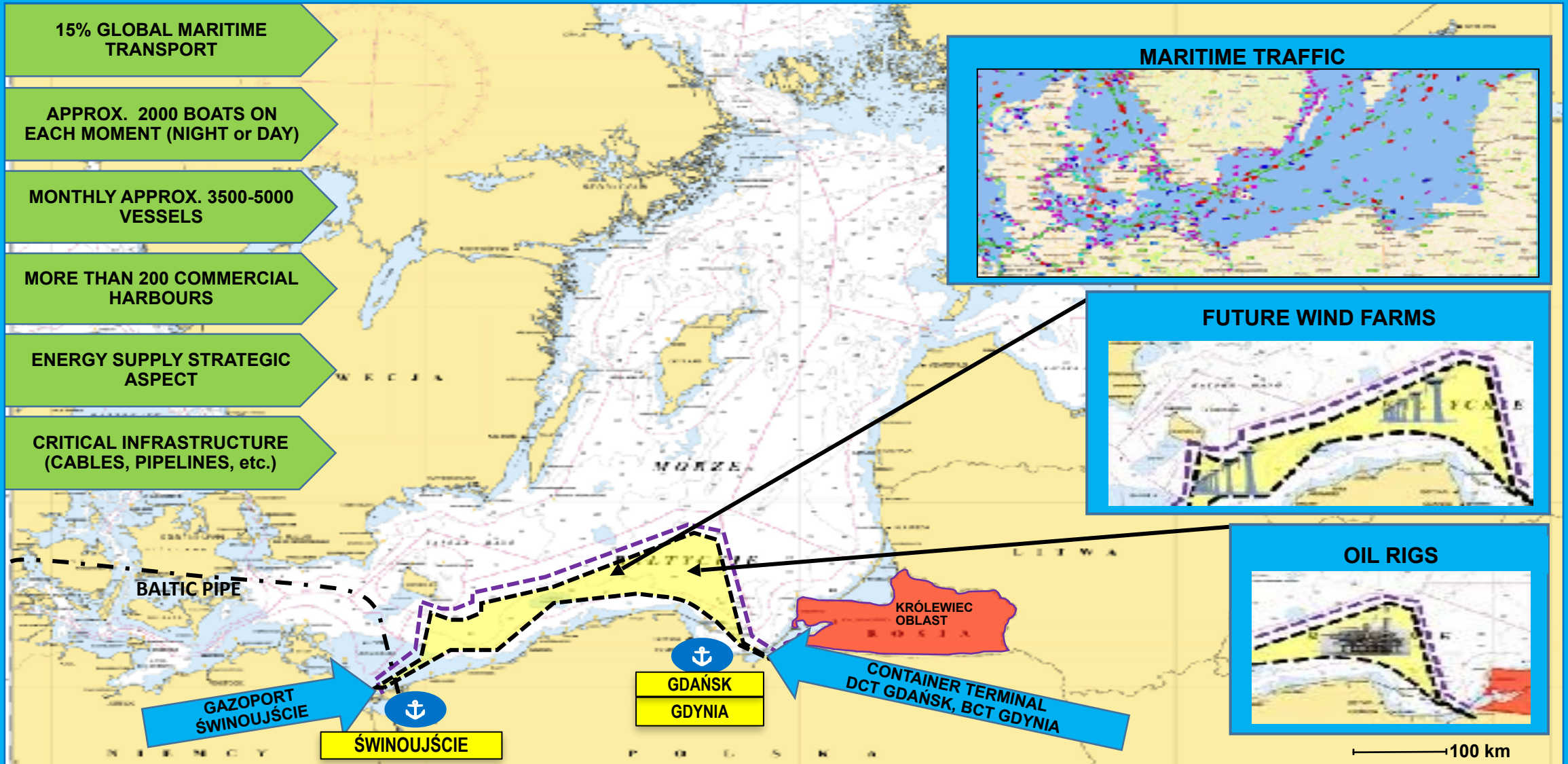
„Pursue to build ability to secure and defend maritime national interests, especially Naval operational capabilities, in order to enhance its cooperation in Allied and regional dimension”

NATIONAL SECURITY STRATEGY OF THE REPUBLIC OF POLAND

„Maritime localisation of Poland has strategic importance for national security and social-economic development, with all requirements for capability building stemming from it”

**PRESIDENT OF THE REPUBLIC OF POLAND,
PROLOG TO THE STRATEGIC CONCEPT OF MARITIME SECURITY OF REPUBLIC OF POLAND**

BALTIC SEA - CONSIDERATIONS



POLISH NAVY CORE DIMENSIONS

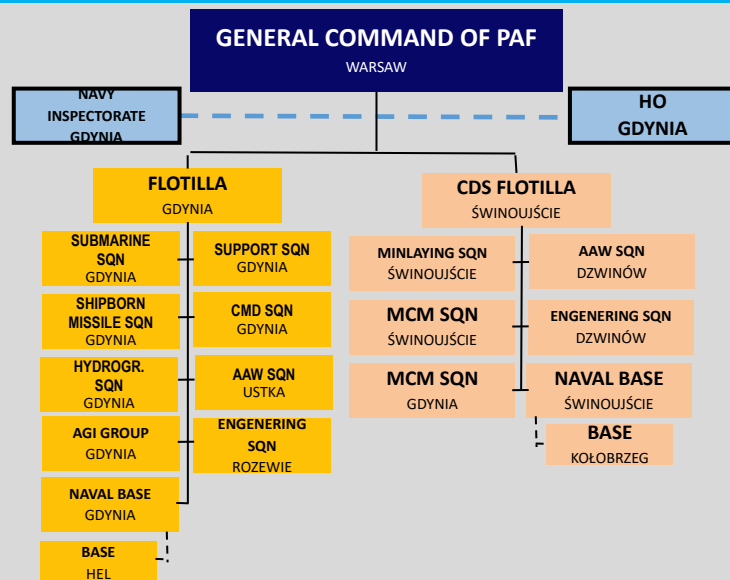
POLISH NAVY RESPONSIBILITIES

- ensuring the capability to fully protect and defend the state's maritime interests in the national, allied and regional system (broadly understood deterrence and defence);
- providing the capability to precisely strike targets at long distances and provide air defence.

POLISH NAVY TASKS

- detection and reconnaissance of threats at sea as part of the military reconnaissance system (situational awareness);
- repelling the enemy's strikes;
- maintaining the state's sea lines of communication and preventing a naval blockade of the country (supporting the country's resilience building);
- ensuring strategic maritime transport;
- maintaining supremacy in the Polish maritime areas;
- participation in the anti-landing defense of the coast;
- anti-missile and anti-aircraft protection of troops and critical infrastructure facilities against air strikes (MIECZNIK).

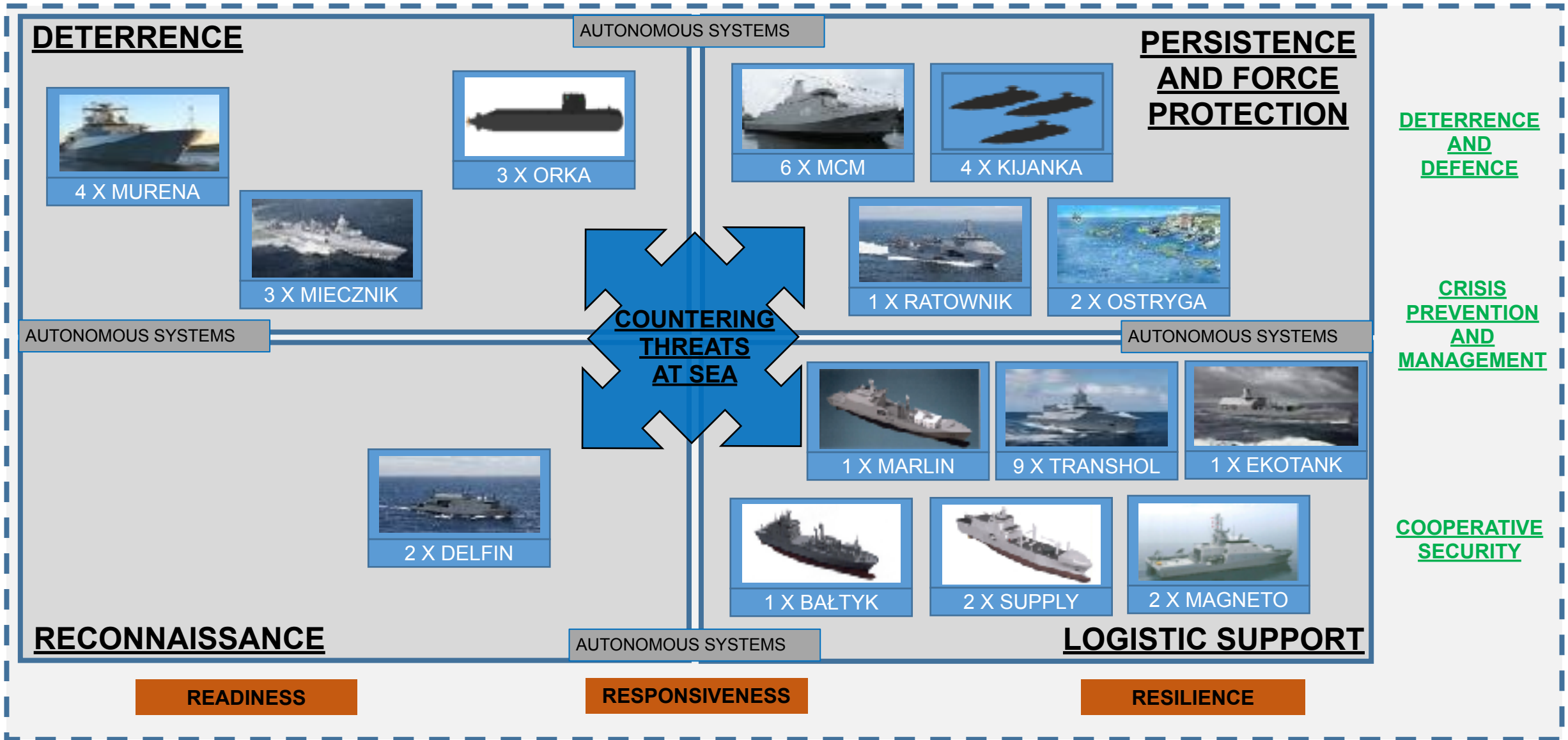
POLISH NAVY FLEET ORGANISATION



POLISH NAVY CURRENT STATUS



POLISH NAVY MODERNISATION – CAPABILITIES OUTLOOK*



* Pictures on the slide (and following slides) are only for visualisation purpose (they are not implicate any decision to procure or project to be chosen).

DEVELOPMENT OF DETERRENCE AND RECONNAISSANCE ELEMENT

CURRENT STATUS



1 X KASZUB



2 X OHP



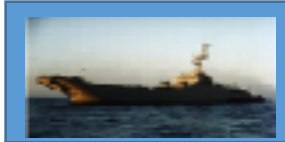
1 X KILO



ORP ŚLAZAK



3 X ORKAN



5 X LUBLIN



CMD SQDR



2 X AGI

PLANS, MODERNISATION PROGRAMME

CONSTRUCTION OF THREE FRIGATES

ORKA CONTRACTOR SELECTION PROCESS

ORP ŚLAZAK UPGRADE

COMMENCEMENT OF THE PROCUREMENT PROCESS OF FOUR CORVETTES UNDER THE MURENA PROGRAM

DEVELOPMENT OF TRANSPORT AND MINELAYING CAPABILITIES

ENHANCING COSTAL DEFENCE MISSILES SQUADRONS CAPABILITIES

CONSTRUCTION OF TWO AGI SHIPS

FORTHCOMING CAPABILITIES



ORP WICHER



ORP BURZA



ORP HURAGAN



ORP



ORP



ORP



ORP ŚLAZAK



ORP J.RÓZYCKI



ORP H.ZYGAŁSKI

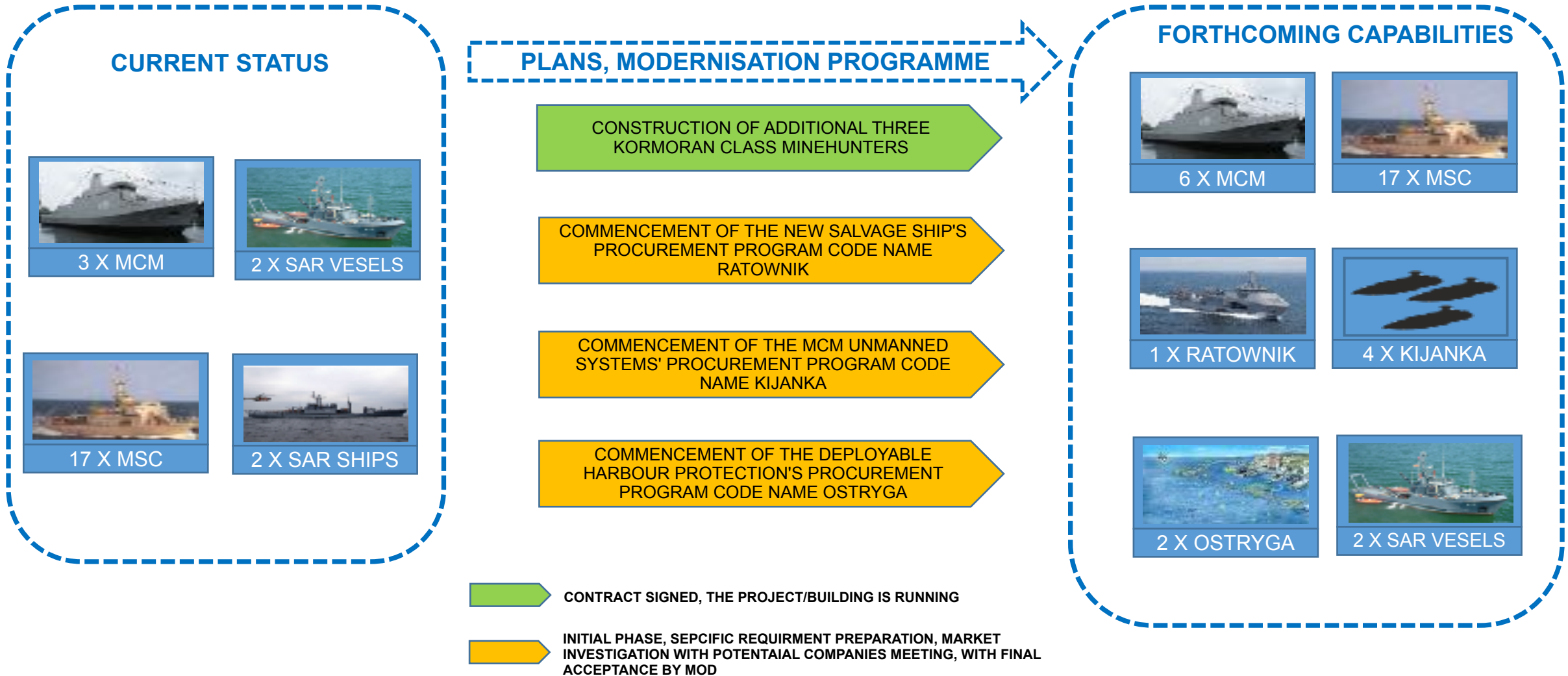


CONTRACT SIGNED, THE PROJECT/BUILDING IS RUNNING



INITIAL PHASE, SEPCIFIC REQUIRMENT PREPARATION, MARKET INVESTIGATION WITH POTENTIAL COMPANIES MEETING, WITH FINAL ACCEPTANCE BY MOD

PERSISTENCE AND PROTECTION CAPABILITIES DEVELOPMENT



LOGISTICS SUPPORT SYSTEM'S DEVELOPMENT

CURRENT STATUS



3 x M-35/MW



3 x p. 4142



2 x SD



6 X B-860



1 x Z-1 Tanker



1 x Z-8 Tanker



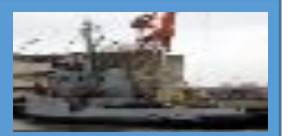
1 x Z-500 Tanker



2 x B-820/21



2 x H-960



3 x H-900/II

PLANS, MODERNISATION PROGRAMME

MARLIN (JOINT OPERATION SUPPORT VESSEL)

BAŁTYK (OPERATIONAL SUPPORT SHIP)

MAGNETO (DEGAUSSING SHIP)

EKOTANK (ECOLOGICAL BARGE)

SUPPLY (LOGISTIC SUPPORT SHIP)

TRANSHOL (TRANSPORT AND PASSENGER CUTTERS)



CONTRACT SIGNED, THE PROJECT/BUILDING IS RUNNING



INITIAL PHASE, SEPCIFIC REQUIRMENT PREPARATION, MARKET INVESTIGATION WITH POTENTIAL COMPANIES MEETING, WITH FINAL ACCEPTANCE BY MOD

FORTHCOMING CAPABILITIES



1 X MARLIN



1 X BAŁTYK



2 X SUPPLY



2 X MAGNETO



9 X TRANSHOL



1 X EKOTANK



6 X B-860

FORTHCOMING CHALLENGES AND CONCLUSIONS:

- 1. BALTIC SEA AS LITTORAL REGION (situation awareness, maritime infrastructure, cooperation, etc.).**
- 2. MODERNISATION PROJECTS RUNNING (financial, timeschedule, trials, etc.).**
- 3. COMPANIES INVOLVEMENT (opportunities, scope and cooperation).**
- 4. PERSONNEL PRESERVATION (new technology, generation exchange, military principles, etc.).**
- 5. AUTONOMOUS SYSTEMS (wide scope, quantity, game changer, implementation, etc.).**
- 6. ANALYSIS AND IMPLEMENTATION OF EXPERIENCES FROM UKR-RUS CONFLICT.**



COMMENTS, QUESTIONS



„The sea, the great unifier, is man's only hope. Now, as never before, the old phrase has a literal meaning:

WE ARE ALL IN THE SAME BOAT'

- Jacques Yves Cousteau.