**Press Release July 2025**

**STM Set to Launch Innovative Defence Technologies at IDEF-2025**

**STM to Unveil New Innovations at IDEF**

*STM, one of the leading companies in the Turkish defence industry, is set to unveil five new defence technologies, developed through its indigenous engineering capabilities, for the first time at IDEF-2025.*

Having played an important role in Türkiye’s recent breakthrough in the defense industry, STM offers critical solutions in such areas as naval platforms, tactical mini-UAV systems and command and control. STM, a subsidiary of the Presidency of the Republic of Türkiye, Secretariat of Defence Industries, brings its experience, which has been gained through the company’s efforts to meet Türkiye’s needs, to friendly and allied nations through cooperation and technology transfer. STM is preparing to exhibit its naval platforms, tactical-UAV systems and modern defence solutions at IDEF-2025. The 17th International Defence Industry Fair (IDEF-2025), one of the largest defence exhibition in the world, will be held between 22–27 July 2025 at the Istanbul Expo Center.

**Güleryüz: “We Will Exhibit Five New Products in Naval Platforms and UAVs”**

Highlighting the regional and global significance of IDEF, one of the world’s most prestigious defence exhibitions, STM General Manager Özgür Güleryüz said:

“IDEF is not only one of Türkiye’s but also one of the world’s most significant defence industry gatherings. As STM, we respond to the needs of the Turkish Armed Forces and those of friendly and allied nations with modern and combat-proven technologies, developed through our advanced, flexible engineering capabilities. This year, at IDEF-2025, we will debut five new products we have developed in the fields of naval platforms and tactical UAV systems, alongside capability demonstrations. We will be showcasing Türkiye’s first nationally designed Fast Attack Craft (FAC), developed entirely by STM. Additionally, we will present new products and concepts in the field of tactical UAVs, which are poised to deliver impactful performance in the field. Among these will be our BOYGA-B, capable of multiple munition drops, and the STM VTOL concept. We aim to expand our global footprint by delivering innovative and high-performance solutions to our international partners, while forging new collaborations to address the evolving needs of defence and security worldwide.

**Twelve Naval Platforms to be Showcased at IDEF**

STM, which has undertaken the construction of surface and submarine platforms for the Turkish Navy, as well as for the navies of Ukraine, Pakistan, Portugal, and Malaysia, will be exhibiting twelve different naval projects at IDEF. Among the platforms to be showcased are Türkiye’s national frigate project, the I-Class Frigate (TCG ISTANBUL); Türkiye’s national corvette project, the MILGEM ADA-Class Corvette; Malaysia’s Corvette (LMS Batch-2) — the first and only corvette export from Türkiye to the Asia-Pacific region; Portuguese Navy - Auxiliary Oiler Replenisher and Logistics Ship— Türkiye’s first naval export to an EU and NATO member state, Pakistan Navy Fleet Tanker, the Multi-Purpose Support Ship, Coast Guard Vessels(CG-1041, CG-3100, and CG-78), STM NETA, Türkiye’s indigenous Autonomous Underwater Vehicle (AUV), currently undergoing successful sea trials; and STM500, Türkiye’s first indigenous submarine designed for special operations and attack missions, which will also be on display.

**STM Expands Its Tactical UAV Family**

A pioneer in the development of tactical mini-UAVs in Türkiye and worldwide, STM will exhibit KARGU (loitering munition), Türkiye’s first national attack UAV, which has been exported to more than 10 countries across three continents, and is equipped with anti-personnel, armour-piercing, and RF seeker warheads. STM will also be presenting TOGAN, the surveillance UAV now in service with the Turkish Armed Forces, where it has demonstrated significant operational success and achieved notable export mileastones. Additionally, STM will showcase BOYGA, the UAV capable of precision ammunition delivery. Additionally, STM will unveil KarguFPV, its FPV (First Person View) drone solution, for the first time at the expo, featuring multiple munition options. Two new products set to join STM’s tactical UAV family will also make their debut at IDEF.

**STM – IDEF-2025 Booth Information**

Hall: 1 – Booth: C01

Date: 22-27 July 2025

Venue: Istanbul Expo Center

**IDEF-2025 STM – Click to Download the Promotional Video**: <https://we.tl/t-zPoBEK7KBC>

**BACKGROUND INFORMATION**

**Production Aligned with NATO Standards**

STM is engaged in collaborations, technology transfer and business development activities in more than 30 countries, from South America to the Far East. As part of its design, construction and modernization activities, STM develops flexible indigenous engineering solutions for the surface and submarine platforms of Türkiye – a NATO member with one of the most active navies in the world – and for the navies of friendly and allied nations, addressing specific needs and ensuring more effective mission performance. The systems successfully used in the field by the Turkish Navy are being exported overseas by STM as quality, affordable and modern engineering solutions. STM, with its long-term service support and indigenously developed weapon systems, makes a difference by offering its products and capabilities to navies of other nations in a way that embargoes cannot affect them.

**Türkiye's Naval Engineering Power: ADA Class Corvette**

The Turkish Naval Forces is making active use of the four MİLGEM ADA-Class Corvettes manufactured under a project in which STM was the lead subcontractor, undertaking various crucial tasks. ADA Class Corvette can perform all main principal warfare types, namely AAW, ASUW, ASW and EW. She can conduct engagements against surface, air and underwater targets employing both dedicated onboard sensors & weapons and inorganic assets. From advanced weapon and combat systems to state-of-the-art sensors, these corvettes are ready for any mission.

**STM, the Choice of the Navies of Many Nations, From Ukraine to Portugal**

STM attaches great importance to cost-effectiveness, uninterrupted technical support and knowledge transfer in every project in which it is involved, creating collaborations that will enhance the defense capabilities of nations. STM provides services to the Turkish Navy in the design, construction, and modernization of naval platforms, including the Ada-Class Corvette, ISTIF-Class Frigate, Logistic Support Ships, fast attack craft, and submarines. As a reliable partner in naval projects, STM is currently constructing two corvettes for Ukraine and three corvettes for Malaysia, while successfully executing a fleet tanker and Agosta 90B Class submarine modernization project for Pakistan.

Most recently, STM signed an agreement to build two Logistic Support Ships for the Portuguese Navy. This project marks Türkiye’s first naval export to a NATO and EU member. With their modular design, the ships will be capable of delivering logistical support, transferring fuel and cargo at sea, and enabling joint power transfer. Additionally, they will support amphibious operations with their capacity to carry armored vehicles.

**Pioneering Submarine Projects**

STM is also undertaking important tasks in the submarine modernization and construction projects of the Turkish Navy. Having successfully modernized two Ay-Class Submarines (Type-209/1200) in the role of main contractor, STM is now involved in the modernization of eight Turkish Navy Preveze-Class and Gür Class Submarines (Type-209/1400) as the lead contractor. STM is also playing a critical role in the Turkish Navy New Type Submarine Project (Reis Class/Type-214) featuring an Air Independent Propulsion System, taking a significant step in the realization of the Turkish National Submarine Project. The company has achieved historic success in the project with the first-time local production of the head section (section 50) that houses the torpedo tubes, adding Türkiye to the short list of countries in the world with such a capability. STM’s small-tonnage submarine named STM500, which was developed with the company’s own resources, also attracts great interest from different parts of the world. STM, unveils its Autonomous Unmanned Underwater Vehicle (AUUV) “STM NETA”, developed with indigenous and national capabilities, for the first time at the SAHA EXPO. STM NETA, developed by STM with its own resources, primary mission will be the detection of mines.

**Cost-Effective Tactical UAV Solutions for Modern Warfare**

STM's tactical mini-UAV systems are actively used by the Turkish Armed Forces in cross-border and counter-terrorism operations. These systems are the choice of more than 10 militaries across three continents, providing cost-effective solutions on the battlefield. Its portfolio also includes software developed for NATO's intelligence infrastructure, as well as responsibilities for the platform cyber security of KAAN, Türkiye's 5th generation fighter jet.

**About STM**

STM has been serving the Turkish defence sector for the last 34 years in such areas as engineering, technology development and consultancy services, operating in fields that are critical for Türkiye and its allies. It applies its advanced capabilities and technologies to a broad range of strategic fields, ranging from naval platforms to tactical mini-UAV systems, from command-and-control systems to cybersecurity, and from big data analytics to artificial intelligence applications.

[www.stm.com.tr](http://www.stm.com.tr/)