

SCIENCE AND TECHNOLOGY COMMITTEE

Resolution on AI in military

The Assembly,

1. **Recognising** that Artificial intelligence (AI) is set to rapidly transform not only how people live and work but also the ways in which wars will be fought;
2. **Taking note** the technology will revolutionize warfare AI-enhanced decision-making processes could well prove decisive;
3. **Concerning** many AI-related products, particularly software, are developed by small startup companies that have no experience in working with defense ministries or the armed forces. Moreover, the development of AI and related technologies is moving at a speed that outpaces established procedures and regulations for buying and testing equipment for military forces;
4. **Underlining** in this age of innovation, the speed of technological evolution has outpaced regulations, leading to a complex landscape where opportunities and challenges abound;
5. **Noting** the convergence of Artificial Intelligence with other Emerging and Disruptive Technologies (such as robotics, quantum technology, and biotechnology) will result in cutting-edge discoveries with the potential for increased efficiency and productivity;
6. **URGES** member Allied governments and parliaments of the North Atlantic Alliance and the NATO S&T Community:
 - a. to develop and publish national strategies for the development of AI in the military;
 - b. to integrate AI-enabled systems into various military domains such as autonomous vehicles, defense systems, data analytics, logistics, personnel management, and healthcare;
 - c. to facilitate cooperation and information sharing among NATO members to ensure cutting-edge military systems;
 - d. to pay attention to the need for ethical standards to prevent negative consequences of AI in the military;
 - e. to establish centers of expertise on AI and cybersecurity for military training and education;
 - f. to implement continuous monitoring and auditing mechanisms for transparency in AI use;

- g. to ensure security and effectiveness of military AI capabilities through rigorous vetting;
- h. to establish ethical standards and guidelines, which include:
 - i. common development of standards and guidelines for the ethical and safe use of AI in military operations;
 - ii. the implementation of a comprehensive code of ethics and legal norms to govern AI utilization in the military sphere;
 - iii. the introduction of funding and support mechanisms for research aimed at ensuring the safe and responsible use of AI in military applications;
- i. i. to ensure compliance and reliability, which include:
 - i. identification and implementation of common approaches for the development, testing, and deployment of AI systems across member states;
 - ii. calling upon all member states to adhere to established rules and regulations regarding the use of AI in military operations;
 - iii. the establishment of safeguards to mitigate risks and ensure the reliability and resilience of military AI capabilities;
- j. to promote collaboration and continuous improvement, which include:
 - i. the establishment of the NATO AI Military Force (NAMF) dedicated to setting ethical guidelines and conducting regular assessments of AI developments;
 - ii. strengthening of international cooperation to establish global AI standards and enhance security measures;
 - iii. the conduction biennial reviews of NATO policies on AI to adapt to technological advancements and emerging threats, while also soliciting feedback for continual improvement.