“European Defence Capabilities: Strength and Weaknesses”

General (Ret) Mikhail Kostarakos
Former Chief of the Hellenic National Defence General Staff
Former Chairman of the EU Military Committee
Joint EU-NATO Declaration
74 Common Actions
Types of CSDP military operations outside the Union

- Joint Crisis Management Operations
- Joint Stabilization Operations
- Military Rapid Response Operations
- Air Security Operations
- Maritime Security and Surveillance Operations
- Military Capacity Building through advisory, training mentoring, and monitoring/observation Missions
- Assistance provision in the context of global response to natural disasters and pandemics
Illustrative Scenarios

- Peace Enforcement
- Stabilization and support to capacity building
- Conflict prevention
- Rescue/Evacuation
- Support to humanitarian assistance

Concurrencies

- Rescue and Evacuation plus Peace Enforcement
- Rescue and Evacuation, plus Support to Humanitarian Assistance, plus Conflict Prevention plus Stabilization and Support to Capacity Building in 2 different areas
### European Armoured Fighting Vehicles (AFVs)

<table>
<thead>
<tr>
<th>Manufacturer/s</th>
<th>Type</th>
<th>Length (m)</th>
<th>Width (m)</th>
<th>Height (m)</th>
<th>Weight (t)</th>
<th>Max Speed (km/h)</th>
<th>Powerplant</th>
<th>Crew</th>
<th>Passengers</th>
<th>Armament</th>
</tr>
</thead>
<tbody>
<tr>
<td>Puma</td>
<td>Tracked IFV</td>
<td>7.9m</td>
<td>2.99m</td>
<td>2.5m</td>
<td>31.5-45t (Level A-C)</td>
<td>100km/h on road</td>
<td>Volvo D13 600hp diesel</td>
<td>3 (driver, commander, gunner)</td>
<td>6 dismounts</td>
<td>30mm MK30-2/ABM cannon</td>
</tr>
<tr>
<td>Boxer</td>
<td>Tracked IFV</td>
<td>7.9m</td>
<td>2.99m</td>
<td>2.5m</td>
<td>33t (combat)</td>
<td>100km/h on road</td>
<td>MTU BV-183-TE22 8V-90 diesel (Pilatus)</td>
<td>3 (driver, commander, gunner)</td>
<td>8 dismounts</td>
<td>Various RWS, manned and unmanned turrets</td>
</tr>
<tr>
<td>VBCI-2</td>
<td>8x8 - IFV, APC, fire support, command, mortar, anti-tank, ambulance, recovery, repair</td>
<td>8x8 - IFV, APC, fire support, command, mortar, anti-tank, ambulance, recovery, repair</td>
<td>3.6m to top of roof</td>
<td>1.8m to top of hull, 2.7m to top of IFV turret</td>
<td>32t including 13t payload</td>
<td>TBC</td>
<td>MTU BV-183-TE22 8V-90 diesel (Pilatus), MTU BV-199-TE20 8V-90 diesel (Ulan)</td>
<td>3 (driver, commander, gunner)</td>
<td>TBC</td>
<td>Various turrets armed with weapons up to 105mm</td>
</tr>
<tr>
<td>Ajax</td>
<td>6x6 reconnaissance and fire support vehicle</td>
<td>8x8 - IFV, APC, fire support, command, mortar, anti-tank, ambulance, recovery, repair</td>
<td>&lt;8m</td>
<td>&lt;8m</td>
<td>28t gross</td>
<td>TBC</td>
<td>400hp Renault-Volvo diesel</td>
<td>3 (driver, commander, gunner)</td>
<td>TBC</td>
<td>40mm CTAS, one 7.62mm chain gun for Ajax variant</td>
</tr>
<tr>
<td>Griffin</td>
<td>APC, ambulance, command, artillery observation</td>
<td>7m</td>
<td>3.0m to top of roof</td>
<td>1.8m to top of hull, 2.7m to top of IFV turret</td>
<td>24.5t</td>
<td>TBC</td>
<td>570hp MTU diesel</td>
<td>3 (driver, commander, gunner)</td>
<td>TBC</td>
<td>40mm CTAS, one 7.62mm chain machine gun, MMG masses</td>
</tr>
<tr>
<td>Jaguar</td>
<td>6x6 reconnaissance and fire support vehicle</td>
<td>8x8 - IFV, APC, fire support, command, mortar, anti-tank, ambulance, recovery, repair</td>
<td>8m</td>
<td>3m</td>
<td>100km/h on road</td>
<td>TBC</td>
<td>MTU BV-183-TE22 8V-90 diesel (Pilatus)</td>
<td>3 (driver, commander, gunner)</td>
<td>TBC</td>
<td>Various pintle-mounted weapons, RWS and turrets</td>
</tr>
<tr>
<td>Piranha 5</td>
<td>6x6 reconnaissance and fire support vehicle</td>
<td>8x8 - IFV, APC, EW, ambulance, command, reconnaissance, mortar, direct fire</td>
<td>8m</td>
<td>3m</td>
<td>TBC</td>
<td>TBC</td>
<td>400hp Renault-Volvo diesel</td>
<td>3 (driver, commander, gunner)</td>
<td>TBC</td>
<td>Various pintle-mounted weapons, RWS and turrets</td>
</tr>
</tbody>
</table>

**To view the complete entries, as well as all other AFVs currently in service, sign up to a free trial of Shephard Plus at www.shephardplus.com**
EU Global Strategy Implementation Plan

- Permanent Structured Cooperation (PESCO) → 34 projects
- Coordinated Annual Review on Defence (CARD)
- European Defence Fund (EDF) 2021-2027
  - €4.1 billion for collaborative research
  - €8.9 billion for collaborative capability development
- Military Mobility: €6.5 billion (2021-2027)
- European Peace Facility (EPF): €10.5 billion (2021-2027)
Weaknesses

- Complicated/time demanding decision making process
- Absence of a fully-fledged, European C² structure
- Absence of critical capabilities and enablers
- Multitude of different types of equipment

Strengths

- Determination to strengthen its defence capabilities
- Number of military capabilities already present