

# European Security & Defence

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## Regional Focus: The Black Sea

In the course of history the security political situation of the Black Sea littoral states has frequently been affected by conflict. An assessment of the security-political situation in the region and national force modernisation efforts and programmes.



### TECHNOLOGY FOCUS

#### Unmanned Systems - Concepts and Technology



The use of unmanned systems for surveillance, reconnaissance and intelligence missions has become common standard. Many European forces have meanwhile formulated requirements for the deployment of armed UAVs and UGVs in support of combat missions. This technology focus considers requirements, technologies and programmes.

## Air

### The German Air Force

Current deployments of the Luftwaffe comprise the Counter DAESH mission against the so-called Islamic State in Syria and Iraq, RESOLUTE SUPPORT in Afghanistan, as well as EUTM and MINUSMA in Mali.

LtGen Karl Müllner, the Chief of Staff, German Air Force, considers challenges and perspectives of his service branch.



## Joint Forces/Land

### The Danish Army

With a new Defence Agreement covering 2018 to 2023 Denmark will substantially increase its defence spending, with more operational units and troops and a more agile, less top-heavy organisation. Plans and implications.



### Combat Operations in "Urban Hell"

The urban environment places significant restrictions on fields of view and fire, factors which limit the effective range of individual and crew-served weapons. The article addresses issues and requirements specific to MOUT.

### Special Forces

In a series of reports this issue looks at current requirements and challenges for special forces, including individual and area weapons, vehicles, soft skills and training, and the transformation of the Italian Special Forces.

### CBRN Protection for Land Vehicles

CBRN protected vehicle are an absolute prerequisite for the deployment of troops to contaminated environments. The article introduces technologies and applications.

### In-Theatre Water Management

Managing land-based water resources is of paramount importance in any theatre of operations. From purification to delivering potable resources through to waste water management, systems are complex and involved.



## Air-to-Ground Weapons

Recent conflicts with air power participation underline the increasing use of and demand for precision-guided munitions. In several articles this issue introduces the state of technology for air-to-ground weapons for launch from both fixed and rotary wing aircraft.



## European SHORAD Programmes

A review of GBAD programmes in Europe against ballistic and air-breathing threats.

## Interviews

- Admiral James G. Foggo III, Commander, US Naval Forces Europe; Commander, US Naval Forces Africa
- General Tod D. Wolters, Commanding Officer, US Air Forces in Europe, US Air Forces Africa; Commander, Allied Air Command; Director, Joint Air Power Competence Centre, Germany

## ITEC Focus

- **Air Force Training** - An update
- **Maintainer Training** - Getting the best from military materiel for as long as possible
- **Army Helicopter Training Requirements** - Training of FAC and JTAC for CAS
- **MOUT Training** - Interoperable training for the close-quarter battle
- **Visual Systems for Training Simulators**

Programme Subject to Modification

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