

Investor visit to Roke 6th October 2011









Disclaimer

2011 Chemring Group PLC

The information in this document is the property of Chemring Group PLC and may not be copied or communicated to a third party or used for any purpose other than that for which it is supplied without the express written consent of Chemring Group PLC.

This information is given in good faith based upon the latest information available to Chemring Group PLC, no warranty or representation is given concerning such information, which must not be taken as establishing any contractual or other commitment binding upon Chemring Group PLC or any of its subsidiary or associated companies.

Chemring Group









Chemring Revenues

£115m

£196m

£116m

£170m

Global Market

£3bn

£390m

£6bn

£1.6bn

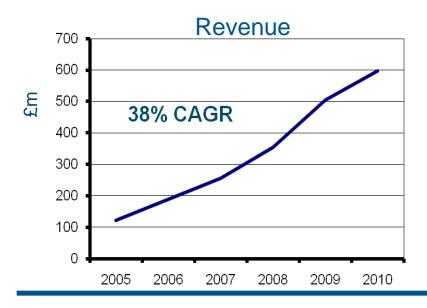
Chemring Market Share

c.4%

50%

3%

11%



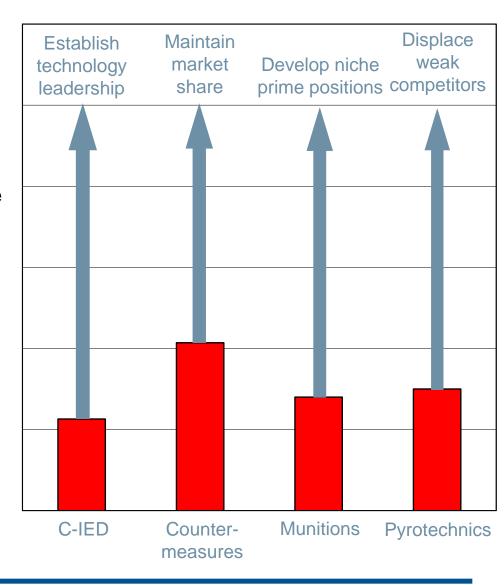
Chemring at a Glance

- Short cycle businesses
- Short product development timescales
- Balanced mix of organic & acquisitive growth
- · High margin, niche growth
- 2010 Revenues: £597m; underlying PBT: £117m
- 4,500 employees
- Sales to 80 countries around the world
- 24 facilities in 8 countries

Core Strategy

Strategic Intent:

- Excellence in core competences
 - Energetic materials
 - High product reliability and integrity
 - High volume manufacturing
 - Growing dependence on electronics
- Balanced global geographic market profile
- Expand Pyrotechnics
 - ...become undisputed World Leader
 - ...new products transform user operations
- Counter-IED
 - ... be a World Leader in detection & neutralisation
 - ...maintain lead in GPR and jamming technology
- Develop a strong Munitions business
 - ...be a supplier of choice for Munition Primes
 - ...be a niche Prime Contractor
- Maintain world lead in Countermeasures
 - ...exploit lead in SMD, spectral & thrusted flares
 - ...be the leader in naval launchers and rounds
- Consolidation for synergy & critical mass



Growing Dependence on Electronics



C-IED

- HMDS combines advanced sensors and algorithms for high P(d) and low FAR
- Chem / Bio detection integrates best-in-class detectors
- Remote initiators require high integrity RF protocols for safety and reliability

Countermeasures

- Naval decoys apply electronically sequenced initiation for precise deployment
- Centurion Launcher is based in high integrity hardware and software
- Next generation RF decoys with broad-band DRFM technology
- Land EW uses advanced antenna design, miniaturised fast electronics and software to create timely Electronic Intelligence

Munitions

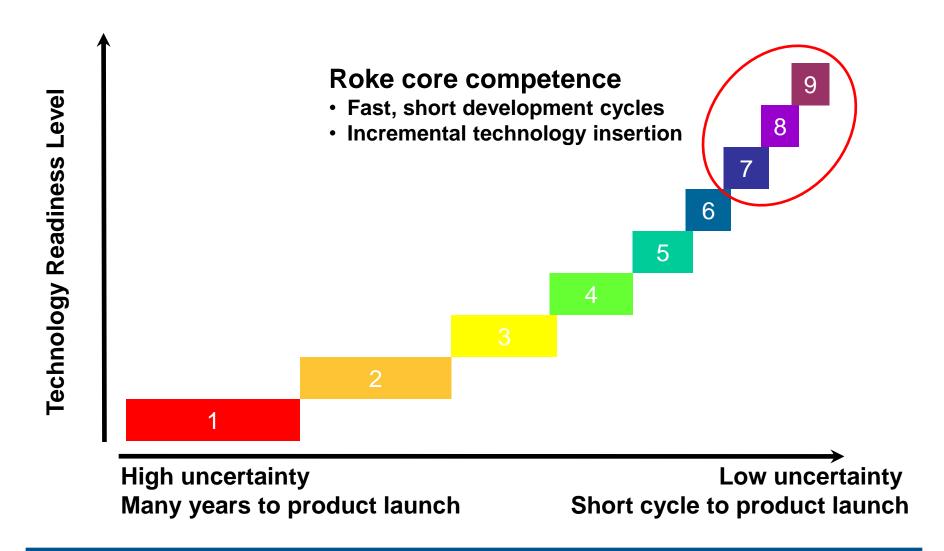
- PAC-3 ESAF uses low and high energy electronics for warhead / self destruct
- Naval ammunition uses electronically programmable proximity fuzes to improve
- Precise electronic initiation for advanced warheads

Pyrotechnics

- Ejection seats require very high power density from energetic materials, combined with the precision of electronic sequencers and delays
- Battlefield simulation uses electronic launchers to safely deploy a range of effects for realistic training

40% of Chemring's business is electronics

Roke is a Short-cycle Business



Roke Developments- C-IED







Detect

- Hand-held anomaly detector
 - UK lead customer
 - Position for £400m UK Route Clearance Programme 2014 18
- High-speed processing & algorithm development for non-ITAR explosive / chemical / biological detection

Disable

- Brings capability to jam Radio- Controlled IEDs
- UK technical champion
- Maintain technical leadership
- Develop "5-eyes" and export variants

Defeat

- Frequency hopping, secure codes
- Anti-jam / intercept communication

Roke Developments – Countermeasures





Next Generation RF Decoys

- Broadband expendable jammer for combat aircraft
- Low cost broadband jamming system to displace Nulka

Centurion

- Electronics and operational software
- Key interfaces with combat management systems

Become world leader in £300m COMINT EW market

- Dismounted operations e.g. Resolve
- Vehicle mounted e.g. Landseeker

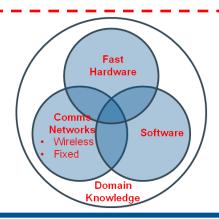
Roke Developments – Counter-Terrorism



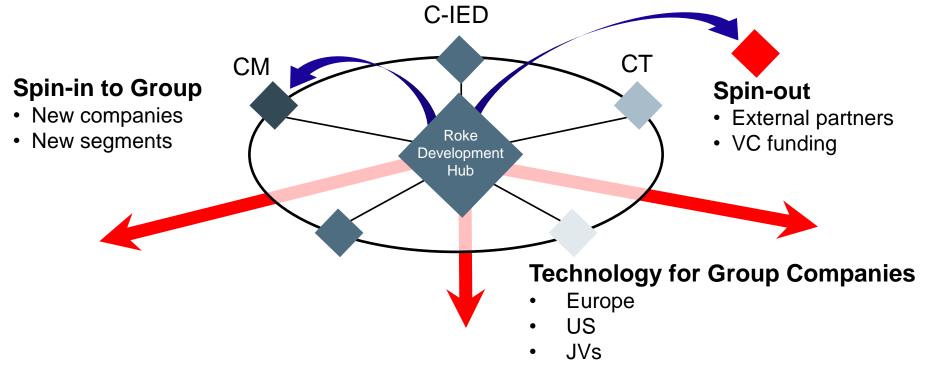


Lawful Intercept,
Anomaly Detection
Next Generation IA





Roke Constellation



- Roke at the centre of a constellation of technology businesses
- Provide technology capability to all Group companies including joint ventures
- Incubate growth opportunities
- Build spin-out / spin-in culture