



SHAPING THE FUTURE OF URBAN WARFARE

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AGENDA

- Preparing armies for conflict in an increasingly urbanised world
- British Army Urban WARDEV
- Optimising urban training to defeat our enemies

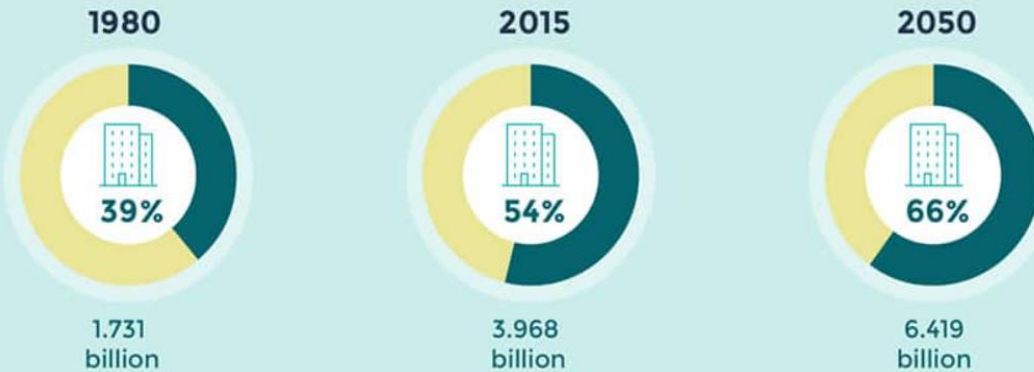


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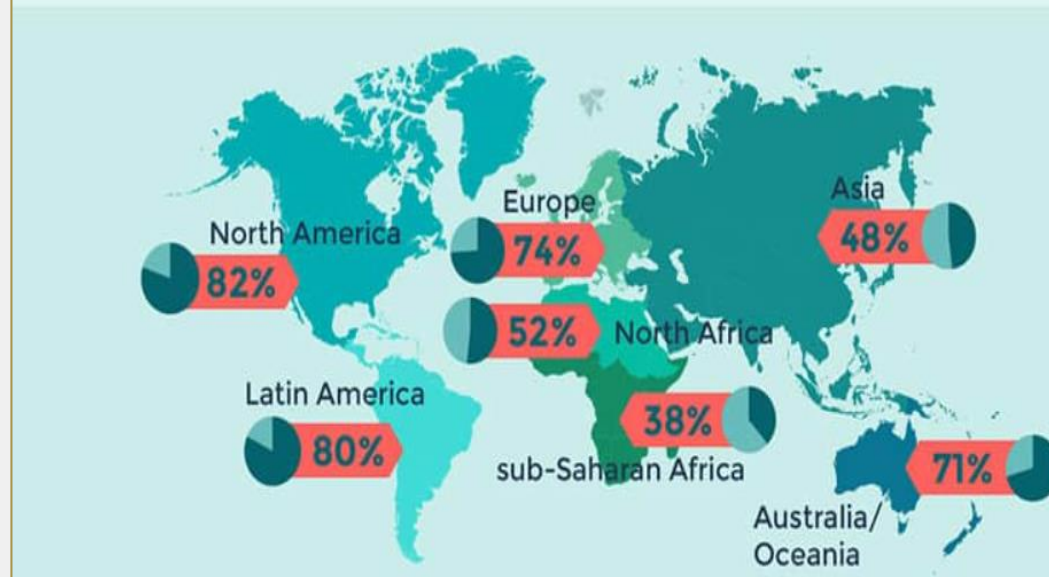
PREPARING ARMIES FOR CONFLICT IN AN INCREASINGLY URBANISED WORLD

Urbanisation is accelerating

Share of the Urban Population Worldwide



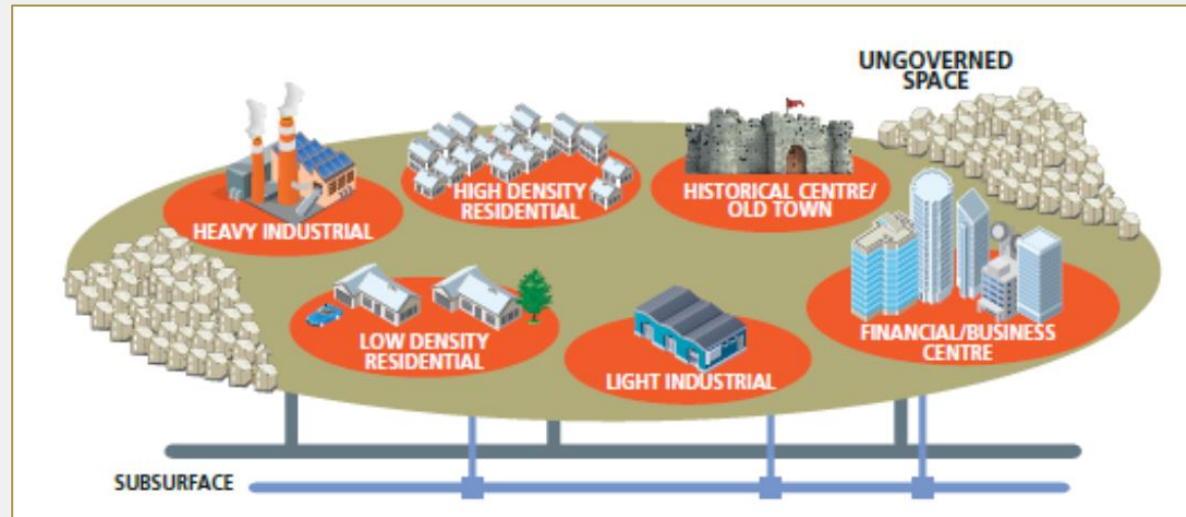
Share of Urban Population on all Continents



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PREPARING ARMIES FOR CONFLICT IN AN INCREASINGLY URBANISED WORLD

Understanding the modern and future urban environment, incorporated into NATO education and training, will provide a strategic edge.



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LAND OPERATING CONCEPT

Reminder- Lessons From Ukraine

21st Century combined arms manoeuvre must remain the bedrock of the way we fight. Setting and enforcing high standards of battlefield discipline and protection is critical

						
Sustainment & Resilience	Threat Understanding	Use of Data	Fires, ISR & Targeting	Air Defence	Mobility & Counter Mobility	Protection

Camouflage , Concealment, Dispersion , Deception, Emissions Control, And Yes... Digging...

LWC FOCUS AREAS

			
Near Surface	Combat ID	Urban Training and Education	Survivability and Battlefield Discipline
Investment across all training. CAMS sUAS Tac Operator Cses	Re-invigoration of a lost skill; Mobile phone app inbound	Reinvestment in all training, including education	Prioritise Protection in all training. Rapid procurement (e.g. Thermal Cam, Directional Antennae etc)



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PREPARING ARMIES FOR CONFLICT IN AN INCREASINGLY URBANISED WORLD

Everybody must be able to operate in the urban



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BRITISH ARMY URBAN WARDEV

Live training estate routinely lacks mass, density and complexity for combined arms warfighting at scale



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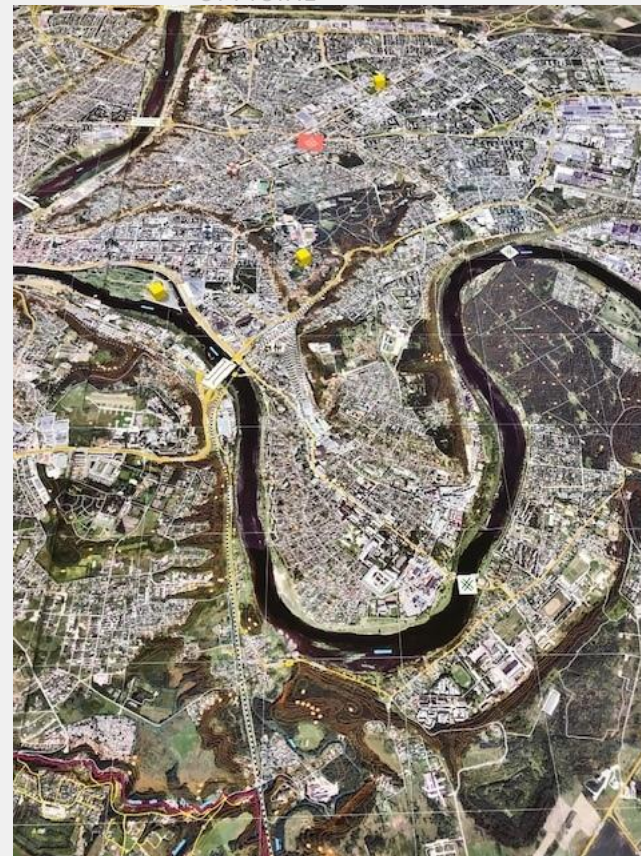
BRITISH ARMY URBAN WARDEV

Alternative training media are therefore required



SHAPING THE FUTURE OF URBAN WARFARE BRITISH ARMY URBAN WARDEV

Open, adversarial wargames, building on education, develop combined arms understanding.



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OPTIMISING URBAN TRAINING TO DEFEAT OUR ENEMIES

Lethality training

- Very short ranges (50-75m)
- Moving, fleeting targets
- Elevated and depressed angles of fire (3D)



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OPTIMISING URBAN TRAINING TO DEFEAT OUR ENEMIES

Sustainment training

- CASEVAC
- Resupply
- Eqpt Sp
- IDPs & CPERS

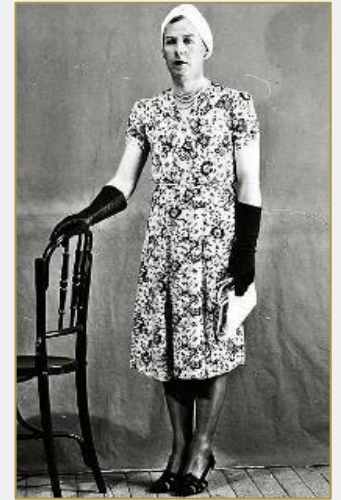


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OPTIMISING URBAN TRAINING TO DEFEAT OUR ENEMIES

**Combined arms
manoeuvre training**

- Dynamic combat teaming
- Mobility support forward
- Deception (C2D2)



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OPTIMISING URBAN TRAINING TO DEFEAT OUR ENEMIES

UK / NATO Urban Planners Course

- From 1 Apr 25, precise dates tbd
- 1 week's duration @ British Army Land Warfare Centre
- NATO Urban Centre of Excellence (UCOE)

“ understanding capabilities for tactical units to conduct large scale combat operations (LSCO) in a dense urban environment”

The screenshot shows the CAL GUARD website, which is part of the California Military Department. The page is titled "40ID Urban Warfare" and features a navigation menu with options like Home, Fallen Comrades, Resources, Pages, Community, Contact Us, and Search. A "Select Language" dropdown and "Settings" icon are also visible. The main content area includes a table of navigation links for "Urban Operations Planner Course 24-01" and "Case Studies: Individual". The "Latest News" section lists three articles: "Risks of Urban Warfare are High in Indo-Pacific", "NATO Allies train for urban combat in France during ORION 23", and "Ukraine War is changing Urban Combat". A "URBAN" logo with a sunburst is displayed on the right side of the page.



SHAPING THE FUTURE OF URBAN WARFARE

OPTIMISING URBAN TRAINING TO DEFEAT OUR ENEMIES

THE URBAN COMMANDMENTS

- 1 Adapt your Capability to the Environment.** Exploit your strengths and mitigate your weaknesses but avoiding urban isn't an option - you must have an effect.
- 2 Use the Terrain.** It provides cover, manoeuvre and deception opportunities.
- 3 Situational Awareness is a Struggle.** Expect to be uncomfortable, fight for information, react to change.
- 4 Command and Control is Difficult.** Command forward; give and receive mission command freely.
- 5 Expect a Close Fight.** Routine engagements are at 30-100 metres. The enemy will be closer.
- 6 Armour has a Vital Role.** In defence or attack, armour is a force multiplier.
- 7 Fires Enable Manoeuvre.** Fires still have a key role, but the complex terrain and higher collateral damage require more planning.
- 8 Civilians are Always Present.** Plan for them, don't just react. Don't expect rational behaviour.
- 9 Everything takes Longer.** Manoeuvre, CASEVAC and resupply will take up to eight times longer than in the rural.
- 10 Logistics Planning takes Longer.** If your log and med planning begin at H-Hour, you've already lost. Move everything closer to the point of need.





QUESTIONS?

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