

BCB International

Company Profile 2024



v37





Fabulous history



**Browns Cough Bottle
= BCB As supplied to
British troops in the
Crimean war**

BCB History



Meet the team



BCB International Ltd. Company Overview

Summer 2024

CUSTOMER

MARINE SALES

Business Development



Stephanie Frieze-Davies
sk@bcb.in.com

Reporting Head Business Development



Stuart Morris
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Humanitarian



Fergus Lysaght
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DEFENCE EXPORT SALES

UK

Business Development



Maj John Richards
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Reporting Head of UK Military Sales



Paul Ames
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Business Development



Pete Botham
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UK Military Sales Manager



Viola Yaneva
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ROW

Reporting Head Manager




Ben Simmons
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Business Development



James Wesley III
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Relationship Executive



Omnia Ahmed
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EUROPE

Reporting Head Team Leader



Emily Howell
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Business Development



Col (R) Volodymyr Riezniuk
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Business Admin



Elise Pitot
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Relationship Executive



Julia Pas
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RETAIL SALES

Reporting Head EU Leisure



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Business Development



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Business Development



Morgan Jones
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ACCOUNTS DEPARTMENT

Reporting Head of Accounts



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Accounts Assistant



Kyle Seignot
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Accounts



Jane Rees
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PURCHASING

Reporting Head Purchasing Manager



Adnan Haddadi
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Buyer



Chelsea Williams
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QUALITY CONTROL

Quality Manager



William Hudd
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Quality Assistant



Lesley Baker
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Quality Control



Adam James
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OPERATIONS

Reporting Head Operations Manager



Lisa Owen
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PRODUCTION

Production Manager



Sue Row
sr@bcb.in.com

Camo creams



Leno Dinech

Supervisor



Amanda Wilcox

Packing



Steve Searl

Supervisor



Sarah Meah

Supervisor



Gareth Griffiths

ENGINEERING

Mechanical Engineer



Jonathan Swan
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Electrical Engineer



Robert Taylor
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DESIGN & DEVELOPMENT

Reporting Head R & D




Lewis Thomas
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R & D Designer




Alex Smith
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Chemistry




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Head of Graphics



Ceri Darknell
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Junior Graphic Designer



Megan Jones
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COMMUNICATIONS

PA to Director



Kelly Humphries
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DIRECTORS

Andrew Howell



Andrew Howell
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Janey Howell



Janey Howell
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TRANSPORT

Despatch




Gavin Jenkins
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Despatch



James Brown
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Goods In



Jay Hall
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SALES

SUPPORT OPERATIONS



2 Modern manufacturing factories



**Secure 3-acre
freehold factory.
Close to city centre
And M4, (A48) motorway**



52,000 sq. ft. efficient factories



Officially opened
by
HRH Prince
of Wales





Prime British Manufacturer.

Eco fuel production - FireDragon



Camouflage Cream

Creams – liquids - powders



Sewing & heavy textiles



Kits & Packs



Responsive manufacturer



- ✓ **British quality = right first time = sustainable**
- ✓ **UK & EU standards**
- ✓ **Assured supply chain**



BCB pride ourselves on having the best products, ready and available to meet the needs of the rapidly changing military, political and social arenas worldwide. If new products are needed, we innovate, design and develop to bring solutions to market.





Focused growth markets

Well established customer relationships.

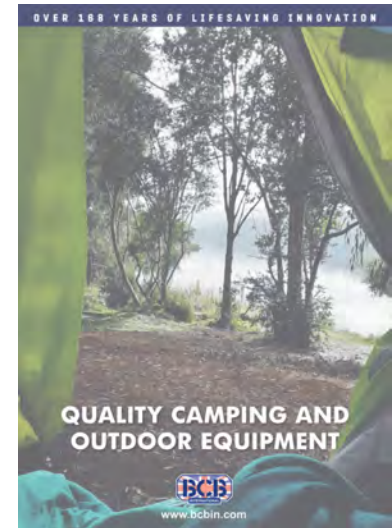
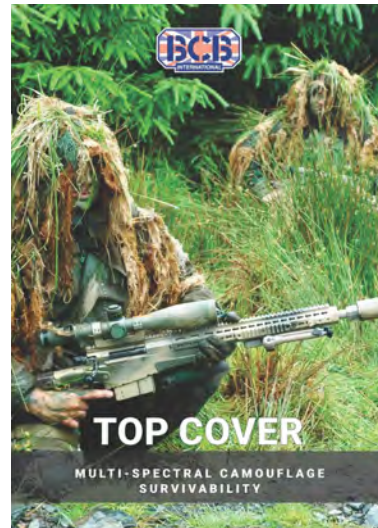
Respected brands

High quality innovative products

Defence 75%

Marine 13%

Outdoor 12%



Core Markets

Delivery record = 95% on or ahead of time (KPI = 98%)



Quality Assured

- Accredited to ISO 9001:2015 & ISO 14001:2015
- ISO Approved since 1993
- Over 400 N.A.T.O. approvals



Award Winning

- ✓ 2 x Queens Award for Export
- ✓ 3 x Soldier Technology Awards
- ✓ Best Company to work for, Sunday Times
- ✓ 2 x Welsh Innovation Awards
- ✓ Business Language Champion
- ✓ Special Recognition Award

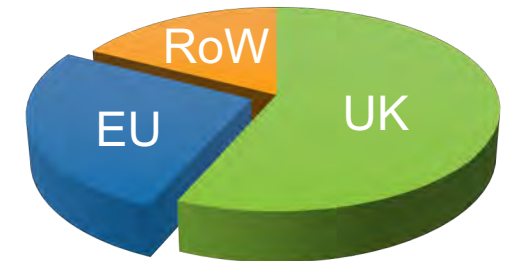
MANUFACTURER OF THE YEAR

MADE IN WALES 2023

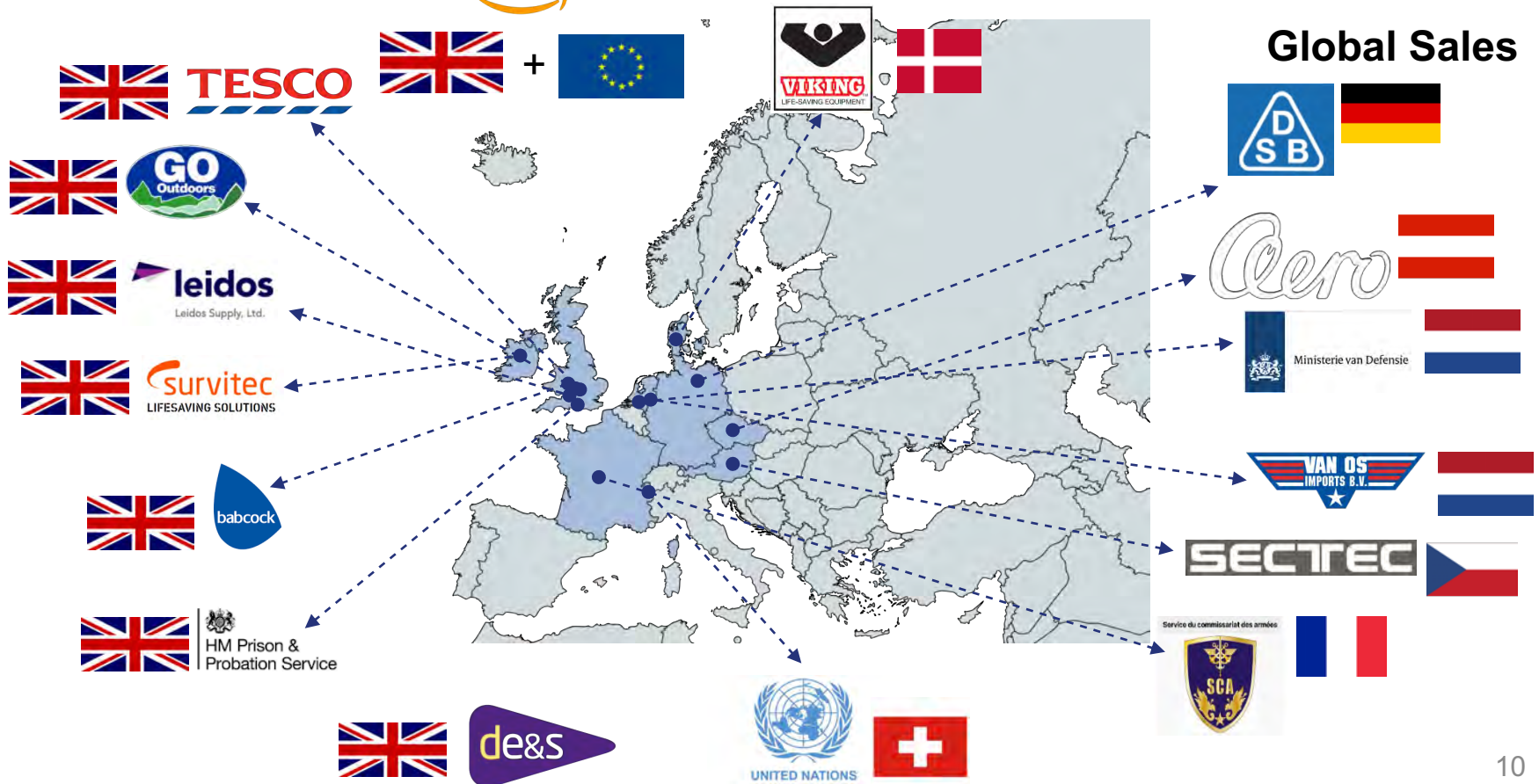


Good customer penetration throughout Europe Sales to over 50 countries with regular repeat business.

20%
export sales



amazon







BCB Forward Figures

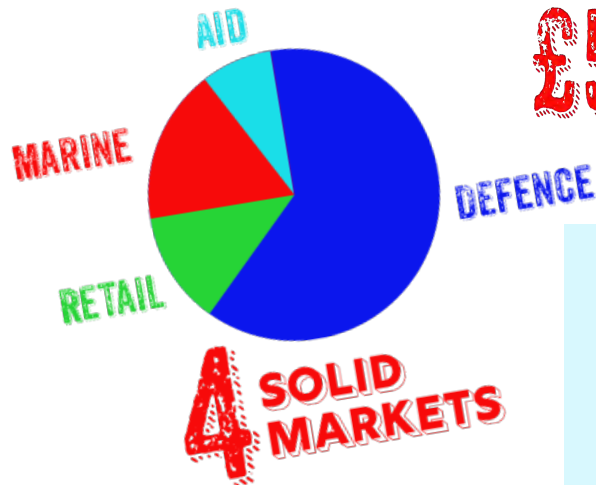
2 NEW + 2 REVAMPED RANGES



**CORE CONTRACTS
LONG TERM @2-5 YEARS**

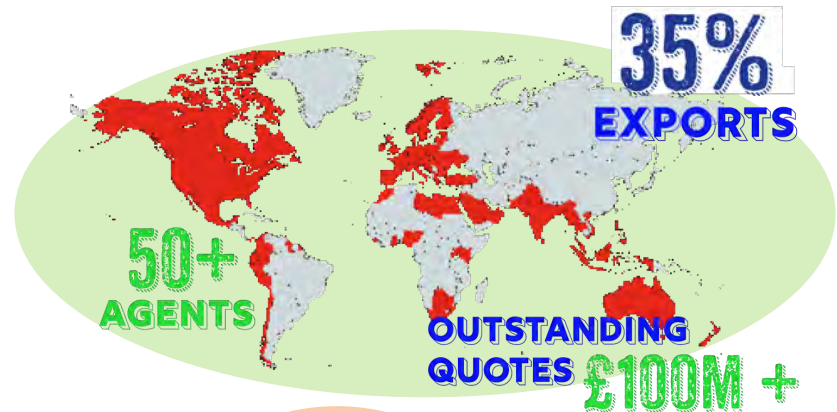


£5M+P.A.



**£1.29M
INNOVATE
GRANT**

**FOR PLANT
IN UKRAINE BCB PART
£407K**





BCB = ESG

Meeting Environmental, Social & Governance standards



- Quality product made in Britain
- Supply Chain security by local re-shoring manufacture
- So not let down by international supply restrictions
- Regular supply chain monitoring and closely managed
- Local R&D = rapid product development with British Universities
- Family owned, managed, and friendly family feel
- UK taxpayer, exporter, and equal opportunities employer
- Cyber secure

- **Has saved the many tonnes of CO, CO2, NO, PAH, methane and cyanide.**
- Prime manufacturer of clean green eco-friendly products
- Repair/refurbish capability = recyclable = *lower through life costs.*

FIREDRAGON



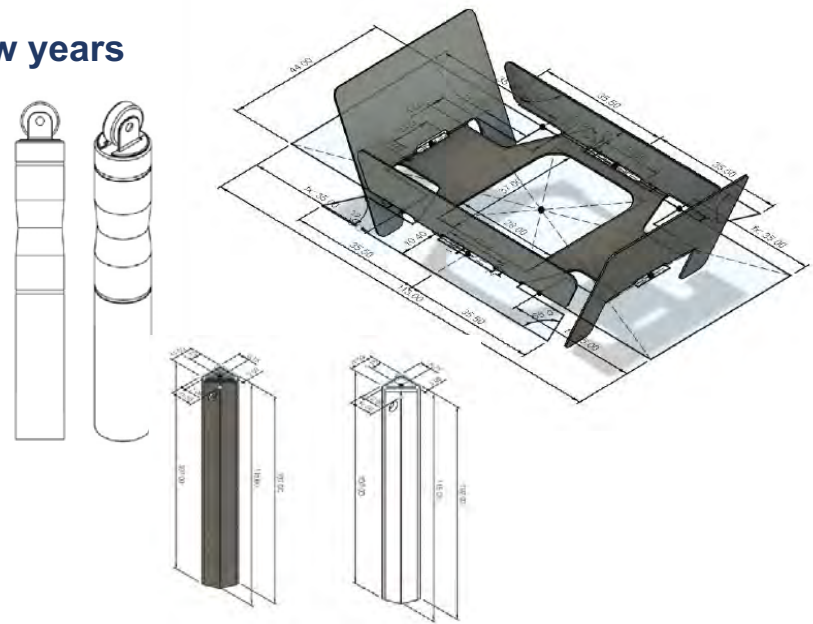
- Regular supply chain reviews.
- **BCB is a fair and sustainable employer**
- Support local and international charities

Keep it local; make it British!



CANEI attitude = Continuous And Never-Ending Innovation

- Millions invested into R&D in the last few years
- Collaborative University and Business partnerships
- Diverse expertise.
- Rapid prototyping.
- Lifetime, invention, trialling, innovation and manufacture.
- Retired military personal



Some of our new or developing products



Mini Cooker MK2



Crusader Cup Lid



Folding Field Desk



Heating Kits



Solid Eco Fuel



Defence – core market

DELIVERY RECORD:
95% on or ahead of time
KPI = 98%

Highly innovative product range trusted by our military customers

BCB have a long history of serving the UK military market with the UK MoD and MoJ as significant customers.
BCB owns the IP protection for six innovative products.

Command Tents



Field Furniture



Multi-Spectral
Camo systems



Fire Dragon
Mini Cookers



Camo Cream



Floating Armour
Torso Systems



Fire Dragon
Eco Fuel

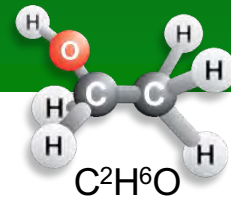


Boat Stopping
System

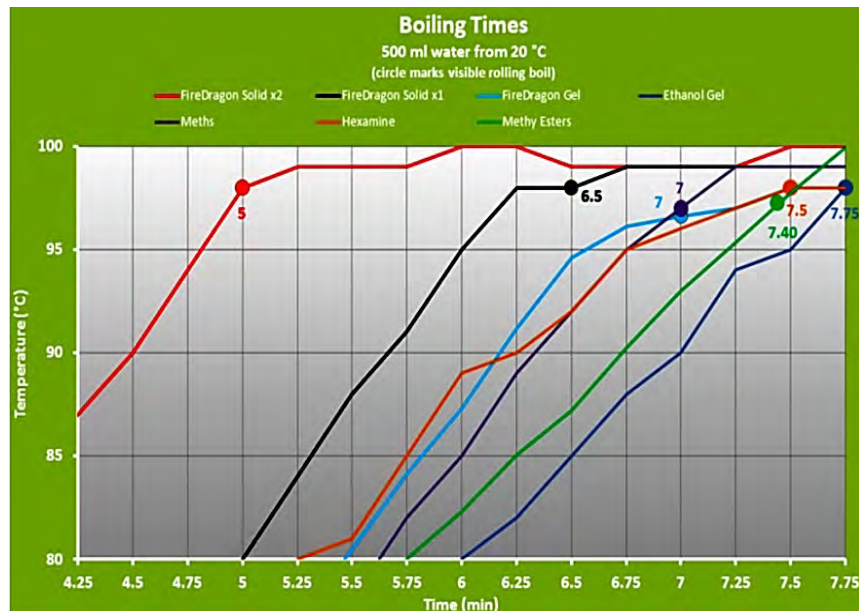


IR Thermal
Camo net





ECO FRIENDLY FUEL FOR THE FUTURE. GREEN & CLEAN



Fuel for the future

- ✓ Sustainable
- ✓ Cooks quickly
- ✓ Burns intensely
- ✓ Easy to light
- ✓ Nontoxic
- ✓ Safe to carry/transport
- ✓ Almost no soot produced



In extensive field and laboratory testing by the British Army, FireDragon proved to be the best of all solid fuels tested



Hand Cleanser



All-Weather



Quick & Easy to Light



Clean Burn



FIREDRAGON

High Performance
Eco fuel

Water resistant
and easy to ignite
with a single spark

Environmentally-
friendly solidified
ethanol

Can be packed
safely with food

Fast boil and long
burn – high heat
output

Clean burn; very
few green house
gases given off.

Air transportable

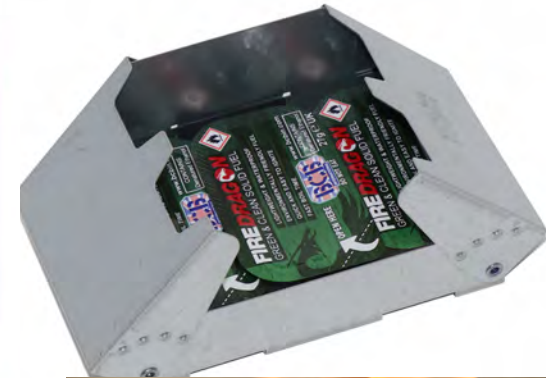
Safe to burn in
enclosed spaces

Also effective as a
hand sanitizer

Can be used in a
range of existing
cooking systems

"The small FireDragon
tablets are easy to
use and fit perfectly
into my survival tin
and mess kit"

Sgt, Special Forces



Non toxic. Natural ingredients

Worldwide patent



FireDragon is more efficient (28MJ/Kg) than
kerosene, methylesters and paraffin.



Field Cooking Systems & Eco Fuel

- Designed for efficient air intake whilst shielding against the wind
- Wind shield and heat exchanger
- Multi-fuel capability
- Fast boil time
- Compact, lightweight and robust
- Fast and efficient field cooking therefore low fumes, soot, CO, NO, CO₂ and Methane



**Works perfectly
with FireDragon
Eco fuel**





Camo Cream : World leaders

BCB manufacture for most NATO forces and are the global leader in camouflage cream.

- Non-irritant and non toxic
- Infrared Reflective (IRR)
- Available in compacts, sticks and tubes
- Not affected by rain or sweat
- Easily removed with soap.
- High sun protection factor



**We have been manufacturing camouflage cream for more than 35 years
Ours is the only cream in the world which is proven to be Infrared Reflective (IRR).**



Tube

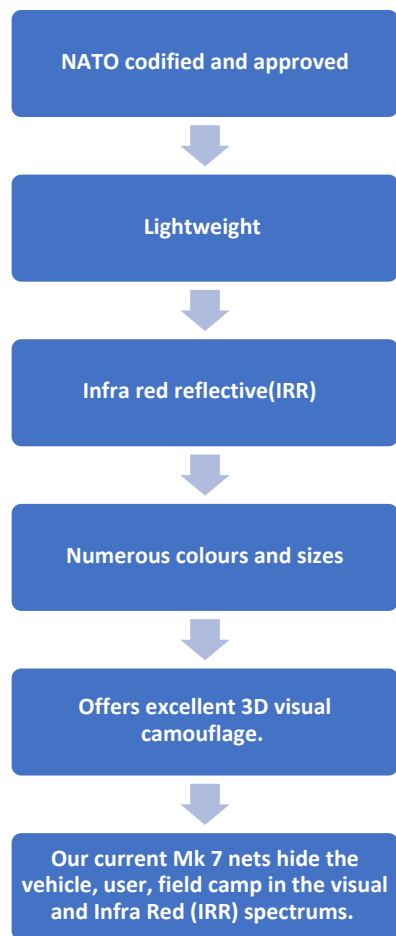


Compact



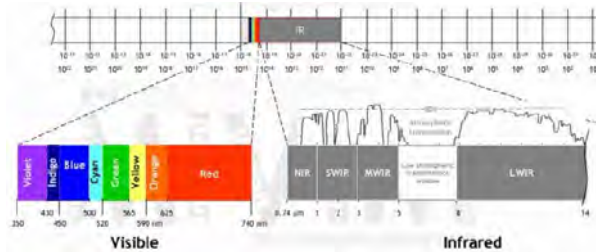
30 & 60g Stick

BCB have made MK7 camo nets for over 15 years for the UK MoD in conjunction with The Ministry of Justice.

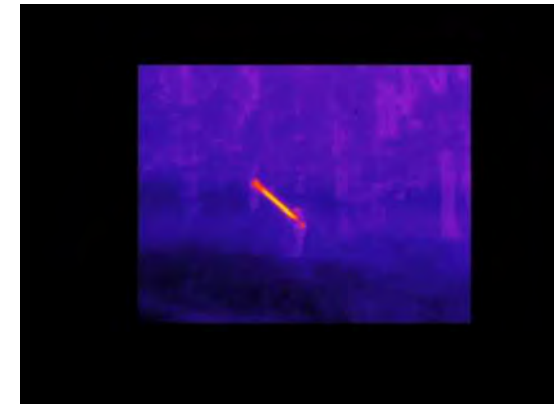




Mk 8 Multispectral Camouflage (MSC) Technology



The Mk8 is very effective from visual through hyperspectral to broadband/multispectral spectrums and gives an excellent emissivity reduction.



Video of MOD testing nets over a hot artillery weapon

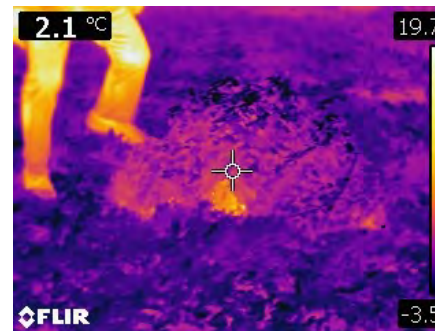
Our camo nets will camouflage/protect the user from modern thermal optics, which are currently being used to terrible effect against Ukraine.

These will hide vehicles, field camps and personnel from the modern optics on hostile drones in the visual (VIS), near (NIR), short (SWIR), medium (MWIR) and long range infra-red (LWIR) spectrums.

A range of nets would be needed as no one net fits all climatic conditions or user needs.



Infrared spectrum (400 – 1200) Thermal spectrum • Visual spectrum



Above:
Subject laying under a sheet, looking out



Above:
Subject holds up camo net, half hidden



BCB's next generation MultiSpectral Cam (MSC): Mk8



- Camouflages in **visual, thermal and infra-red spectrums**
- Robust
- Lightweight
- Fire retardant
- Reversible
- 3D to break up outline
- Options for different terrains and sizes

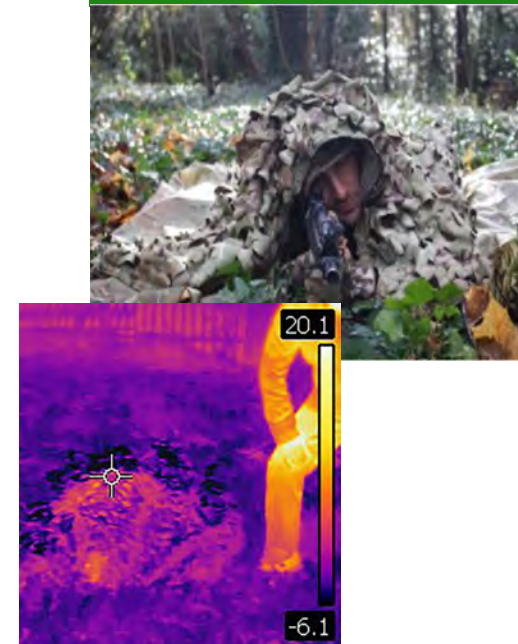
VEHICLES



PLATFORMS



PEOPLE



BCB's innovative **Natural 3D MSC**

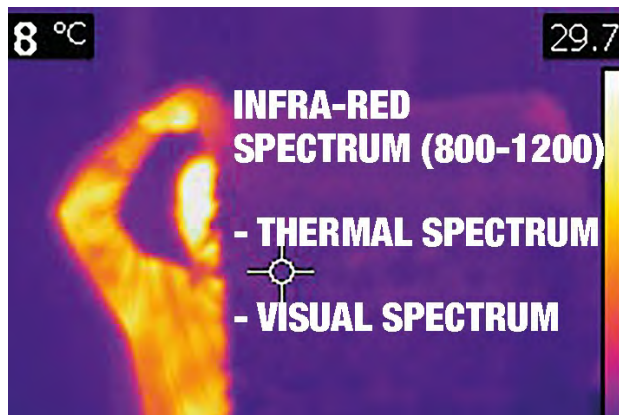
Super lightweight, crimped 3D fabric

Strong and snag-free

Naturally breaks up the outline

PROPERTIES

- **Operational temperature range :**
45°C_+70°C.
(EN 60068-2-2 / EN 60068-2-1)
- **Fire resistance (ISO 6941)**
- **Resistance to Petroleum Oil: No deformation**
- **Washing Fastness: ≤ 4/5 ISO 105 C01**
- **Water Fastness: ≤ 4/5 ISO 105 E01**
- **Rubbing Fastness (dry) : ≤ 3 ISO 105-X 12**
- **Tear Resistance: Warp: 24 N Weft: 23 N**
(DIN EN ISO 13937-2)
- **Breaking Resistance: Warp: ≥ 288 N Weft: ≥ 282 N**
(DIN EN ISO 13934-1)
- **Air Permeability: 2398,5 mm/s**
(EN ISO 9237)



Unique crimped texture
blends better with nature



RAPIDLY DEPLOYED
CAMO SCREEN



Mk 8 Mobile Multi-Spectral Camo (MMSC)

- Attaches to vehicles
- Easy and quick to change colours
- Safely allows relocation of Vehicles to redeploy
- Bespoke MSC panels
- Velcro-magnetic attachments
- Customised to allow access to all areas



NEW DESIGN



UK MOD Crown-Copyright 2022

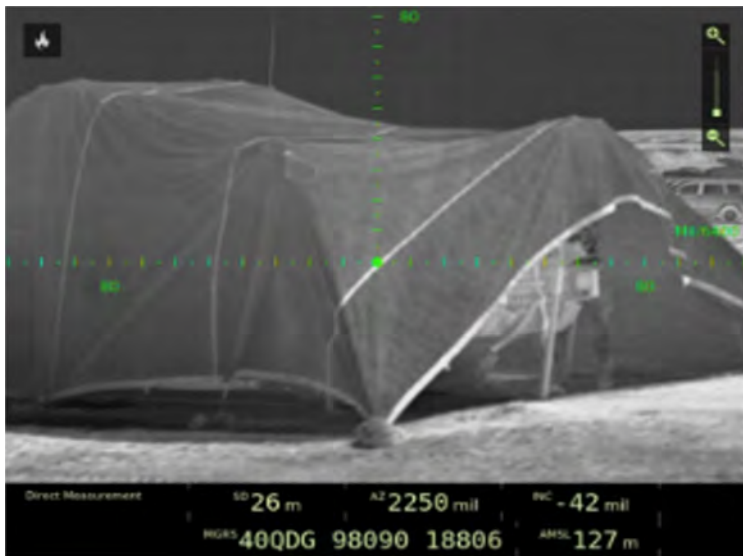
New MOD Military Vehicle on test using BCB camo livery

***“Thermal Image (TI) Properties.
The ability of the (Mk8) CAMNET to conceal
against TI was found to be excellent.”***

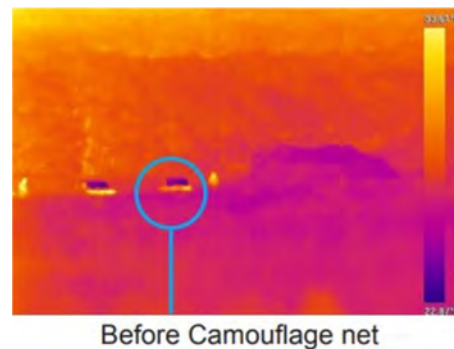
The image below was captured from a MOSQUITO thermal optic.

Only the front portion of the HMTV is visible as the CAMNET was purposely raised to show a comparison between areas of the vehicle that are covered.

Note the net held in position by rocks due to the nature of the terrain.”

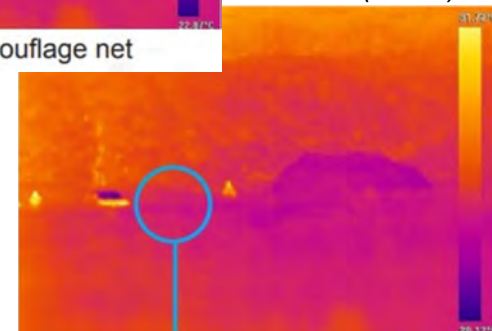


*“This material can
also be further
enhanced with an
additional semi-
rigid lightweight
material, which
provides extra
thermal protection.”*



*Shows thermal
view of 2 vehicles
parked
side-by-side*

*Uncovered (above)
and
Covered (below)*



After Camouflage net applied



Mk8 Multi-spectral SMS protects the wearer in the visual, infrared (NIR & SWIR) and thermal spectrum's (MWIR & LWIR)

Used in the field by snipers/observation posts.

Quiet, lightweight and easy to carry, it provides concealment from drones and advanced lenses.

- Designed to defeat Intensifier & Thermal optics
- Wired hood for ease of opening/closing
- Easy to move around in, quick to don and doff
- Breathable for comfort, low snag liner
- Anti Radar, water repellent finish
- Double-sided print (note only one side is 3D)



2 piece set - poncho and trousers



Hood Open

Hood Closed



ROCKY perfectly camouflages the human form and can conceal stored assets or supplies

Can be used in the field by snipers/observation posts. Portable and malleable to natural forms, the ROCKY maintains the rock-like shape to provide MS concealment for long periods – for personnel or small assets.

MS properties:

- **VISUAL**Camouflage (VIS): 380nm-760nm
- **NEAR INFRA RED (NIR):** 760nm - 1200nm
- **THERMAL** Protection (TIR): 3-5 μ m and 8-12 μ m
- **RADAR** Protection



- Size 2m x 3m (pack size: 30 x 50 cm)
- Double sided: 2 terrains
- Options of different colours and patterns
- Low water absorption capacity and Antibacterial
- Portable weight, 650g/m²

Natural 3D Signature Management Set

This concealment ensemble is made from a specialised lightweight, wearable material that helps the wearer blend into any natural environment whilst protecting them in the RADAR, INFRARED and THERMAL spectrums

FABRIC FEATURES:

- 3D 'Crinkle' pattern blends with nature.
- Non-snag & breathable.
- Quiet and Lightweight.
- Fire Retardant & quick drying.
- OT range: -45°C to +70°C.
- WEIGHT: 2.07kg



Comfortable against the skin for long periods





Larva Cloak



Cutting edge signature management

Natural 3D Thermal and IR cloak designed for concealing ground troop operations.

Stay invisible to heat sensors and infrared detectors whilst on the move.

- Designed to defeat IR & Thermal optics
- Easy to move around in, quick to don and doff
- Comfortable, lightweight, low snag and quiet
- Easily attached to standard issue bashas to add IR and thermal protection
- Versatile and adaptable for personnel or equipment
- Fire retardant
- Available in Multi-Terrain, Desert, Woodland or Arctic

Size: 250cm X 220cm

Material: Polyester treated for MS capabilities

Visual Camouflage: 350NM - 750NM

Near InfraRed Protection: 760NM - 1200NM

Thermal Protection (TIR)

Thermal view of cloak fabric concealing body signature



Natural 3D fabric showing 'Crimped' surface

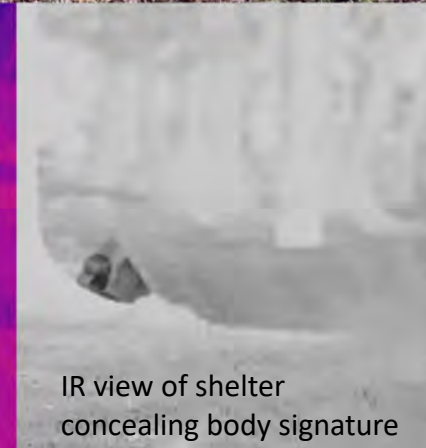
Cutting edge, MSC two-layer signature management system

Combines the best properties of Mk 8 and Natural 3D fabrics to provide a highly effective Thermal and IR Shelter with detachable MS cloak overlayer.

- The Mk8 Shelter layer provides effective MS protection
- Detachable Natural 3D Cloak layer enhances MS concealment
- Natural 3D Cloak is comfortable, lightweight, low snag & quiet
- Mk 8 shelter is Waterproof and Fire retardant
- System easily adapts for personnel or equipment
- Available in Multi-Terrain, Desert, Woodland or Arctic

Stay invisible to heat sensors and infrared detectors, whether static, or on the move.

Shelter Size:
250cm x 220cm
Weight: 2.8 Kg
Material: 190T Polyester
with PU 3000mm
MSN: 8415-99-754-7417



Properties: Mk8 and Natural 3D:
Visual Camouflage: 350NM - 750NM
Near Infra Red Protection: 760NM - 1200NM
Thermal Protection (TIR)

Location Marker Balloon

- Designed by the military for the military.
- Can be quickly used to mark your Drop Zone position or if in need of rescue.
- Tethered high above any jungle on a 75 metre Kevlar cord
- Can be operated by one person within minutes
- Uses inert helium gas to inflate 136 litre Radar Reflective balloon
- Lightweight carbon fibre cylinder
- Large 1 meter balloon
- Day/night visible
- Radar Reflector
- Reusable





Fox Sleeping System

- Comfortable, compact and versatile
- A modular 3-in-1 jungle shelter system that can be combined or used independently
- Developed in conjunction with Special Forces



1. Forest Hammock

A generously sized, parachute grade, ripstop nylon hammock

3. Jungle Mosquito Net

A rugged, close weave polyester mosquito net. Clipped to fabric loops.



2. Lightweight Waterproof cover (Basha)

A lightweight robust shelter sheet forming fully tape-seamed and reinforced points.

- Compact and lightweight
- PU coated Ripstop Nylon
- NATO approved

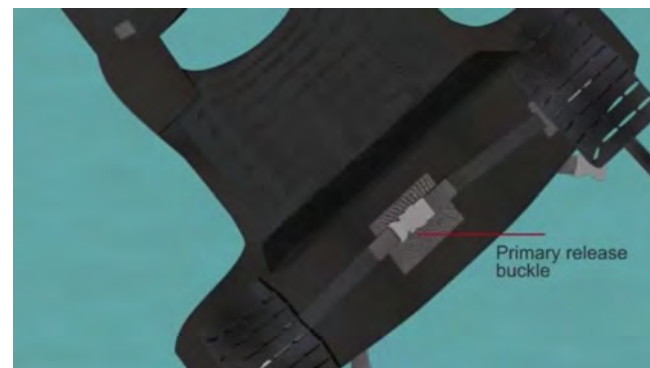




- Low bulk and close fitting
- Life jacket protected from bullet and fragmentation
- Automatically inflates within 3 seconds of water immersion
- Can be deactivated allowing diving up to 20m
- Reusable
- Waterproof armour

Available in 2 variants:

- Low Profile (175 Newton) for air crew or vehicle crew
- High Buoyancy (275 Newton) for Marines/Navy/Coastguard and Marine Police





Blast Boxers

- The original patented pelvic protection
- Sculpted design - increased comfort
- Breathable fabric
- Laboratory and field tested
- Fire Retardant
- Anti-microbial and anti-odour
- No ballistic degradation following washing
- US Berry compliant – MADE IN THE UK and USA



Performance – Tested in accordance with MILSTD – 662F | V50 2gr RCC



Inner thigh

= 910 ft/s [227 m/s]



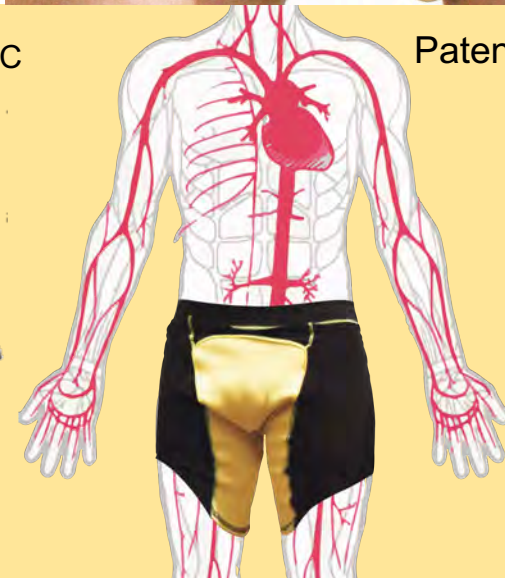
Upper front & back

= 910 ft/s [227 m/s]



Genital region

= 1020 ft/s [311 m/s]



Patented Design

Protects
the
Femoral
Arteries

PMEK— Personal IED and Mine Extraction Kit



NATO
Approved

- Compact
- Reliable components.
- Easy to access
- MOLLE belt attachment.
- For every soldier to carry.



Can be opened
with one hand.



SAFE Lane: Rapid Obstacle Clearing Kit

Light-weight
quick assembly kits
to clear Battlefield
Obstacles



- Pouch / Pocket to use in seconds
- Safe, quick to arm/dis-arm
- Effective and modular
- Lightweight
- Variable length and Explosive Weights

The "Obstacle-Clearing kit" comes with everything required to clear small field expedient and deliberate obstacles, such as: concertina, mines, fencing, barbed wire and other battlefield emplacements.

It is lightweight and fits into a small manpackable belt pouch.

Simply add explosives, such as a detonation sheet, C4 or a slider charge.

It Will Breach

- Paths, Doors, Walls, Fences, Gates
- Placed Obstacles / Hasty Obstacles
- Mines, Weapons Caches

Can be joined together
(with the gaffa tape
supplied)
to make a longer system.





Dragon Mk3

– A well-proven, versatile and mission-ready UAV Platform.

- FLIGHT TIME: up to 13 hours
- FLIGHT RANGE: 1000 kilometres (1-way)
- PAYLOAD: up to 25 kilograms





UAVE Ltd



FOUNDED **2013**

For

DEEP RECONOISANCE (ISR)

**STRONG,
VERIFIABLE
COMMERCIAL
INTEREST FROM
DEFENCE
MARKETS**



**RESPONSIBLE FOR
WORLDWIDE
SALES**

UAVE LTD
www.uave.co.uk

**GLOBAL
MILITARY DRONE MARKET is
projected to grow
at a CAGR of
14.1%
In 2023-2030 Period**



BCB Dragon Mk3 UAV, with skids
- Takes off from a compressed air mobile launcher

**FY Predicted
Turnover '2024
**£2.4
Million****



Investment in UAVE Ltd

Investment in UAVE Ltd.
a drone manufacturer in Wales.



Market Status

The drone/Unmanned Aerial Vehicle (UAV) market continues to expand rapidly. Due to the market potential, we have bought a 9% holding in UAVE Ltd a small loss-making drone designer and manufacturer.

We have the exclusive worldwide rights to sell their fully proven tried and tested Dragon 15 fixed wing UAV Platform. UAVE retain the rights for service sales. Other USPs for it include:

- ***Long flight endurance***
- ***Heavy payload-15 kilos (with a 25 kilo payload option)***
- ***Can fly in a GPS deigned airspace.***
- ***British design and manufacture.***

UAVE and BCB have also invested in developing a new fixed wing and VTOL (Vertical Take Off and Landing) hybrid product; the Buzzard. First flight expected February 2024.

The current sales leads confirms genuine interest, from Ukraine Defence Agency Procurement, UK MoD (last trials were in November '23) and NORCE (Air Force) Nigeria. Plus numerous other interested parties.



Prion Mk3 D15

MK3 Dragon-15 with skids taking off from mobile launcher





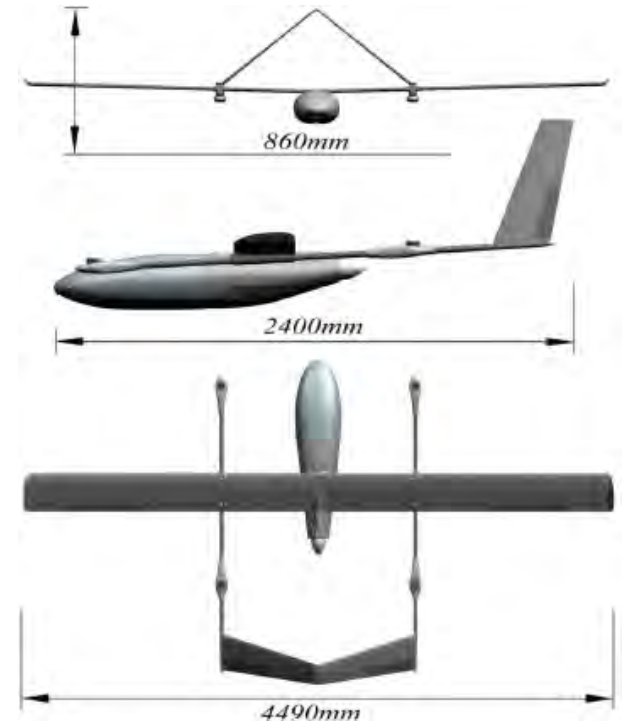
Buzzard hybrid Fixed wing/VTOL





Wing design maximizes stability and heavy wing loading for the small VTOL platform = LOW stall speeds, high max EFFICIENCY, a large payload CAPACITY and HOT SWAP features, detachable equipment compartment and the LONG ENDURANCE gasoline engine power system.

This equates to less energy expended and more time in the air.

- Ideal combination of high energy density gasoline and high efficiency electric motor
- Complete composite construction using carbon fiber and Kevlar on a rigid honeycomb core structure
- New fuselage design concept that conceals all avionics cables
- Robust structure engineered to industrial quality
- Redundant power system for flight controller to maximize safety
- Compatible with PC-based, full-featured, Prion Mk 3 autopilot system
- Built in 6 to 8L fuel tank.
- Easy to assemble in the field, no need for expert skill. Can be assembled in 15 minutes.
- VTOL to suit virtually most surveillance missions

Payload = 3 to 109 kg
ENDURANCE = 3 hrs (Motor) to 5 hours (Endurance)
SPEED = 100 to 120 km/hour
ALTITUDE = 13,120 ft (maximum)
MTOW = 40 kg



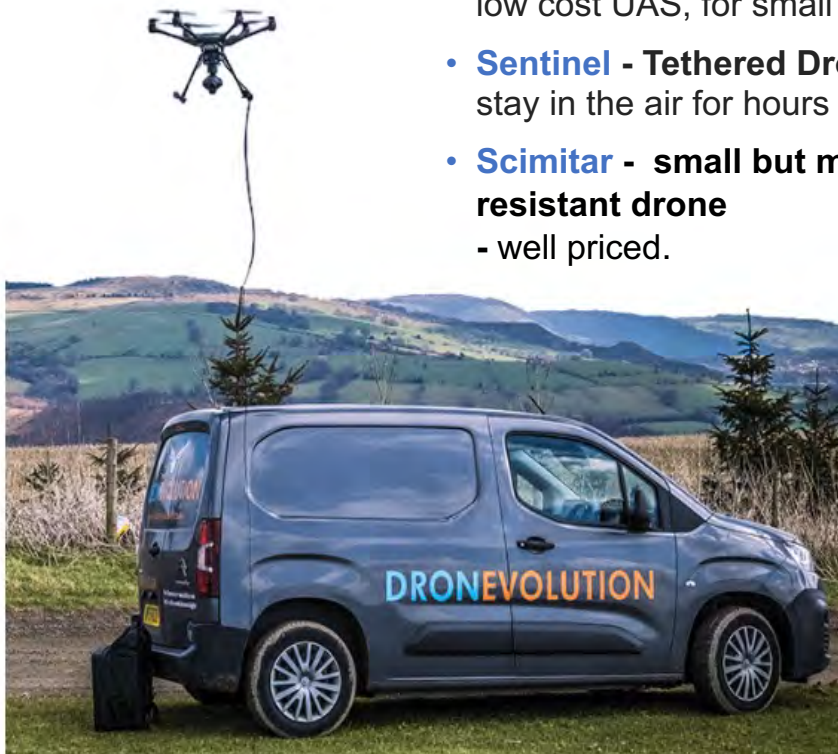
Customer name	Product name	Price per item, EUR	Selling price per item, EUR	Quantity	Contract amount, EUR	Value, EUR	Time of contract	Notes and comments
Administration of the State Border Guard Service www.dpsu.gov.ua/en 	MK3-Dragon 15	200,000 €	350,000 €	10	3,500,000 €	1,500,000 €	2nd quarter 24	Much will come from the British partners of the Ukrainian border guards. They must contact us somehow. Apparently after the New Year. The positive thing is that Ukrainian colleagues promised to write the technical characteristics of the UAV that they need. Also, Ukrainian colleagues asked to test some of our products. Ref.letters dated December 20 and 22.
	MK3-Dragon 25	300,000 €	450,000 €	10	4,500,000 €	1,500,000 €	3rd quarter 24	
	Buzzard VTOL	60,000 €	100,000 €	10	1,000,000 €	400,000 €	3rd quarter 24	
Ukrainian state-owned foreign trade enterprise. SpetsTechnoExport (STE) www.spets technoexport.com 	MK3-Dragon 15	200,000 €	350,000 €	1	350,000 €	150,000 €	2nd quarter 24	We are awaiting an official letter from Spets technoexport about their readiness to organize testing of the MK3 Dragon 15. They can purchase goods in the interests of the Main Intelligence Directorate for their budget.
Defence Intelligence of Ukraine www.gur.gov.ua/en.html	MK3-Dragon 15	200,000 €	350,000 €	10	3,500,000 €	1,500,000 €	3rd quarter 24	During the tests of Dragon 15, which will be organized by Spets technoexport, representatives of the Main Intelligence Directorate will be the main experts and customers. Based on the test results, it is planned to place an order for a UAV.
Ukrainian-Taiwan Initiative Organization UTIO. Eduard Lanovik 	MK3-Dragon 15	300,000 €	450,000 €	11	4,950,000 €	1,650,000 €	3rd quarter 24	There is an opportunity to develop this direction from Edinburgh, since persons interested in the success of this transaction are here and can influence a number of processes in Ukraine
	MK3-Dragon 25	200,000 €	350,000 €	15	5,250,000 €	2,250,000 €	4th quarter 24	
State Enterprise Specialized Foreign Trade Firm "Progress" www.progress.gov.ua/en/ 	MK3-Dragon 15	200,000 €	350,000 €	10	3,500,000 €	1,500,000 €	2nd quarter 24	There is hope for more fruitful interaction with this organization. In 2024 we will write them official proposals.
					Contract Sum	Value Sum		
					26,550,000 €	10,450,000 €		

Expanding UAV range with Drone Evolution.

BCB exclusive Ukrainian sales for 4 models of British made quadcopters, included lightweight and low cost FPV drones.

All are capable of flying in GPS deigned airspace.

- **Runner** - autonomously programmed, low cost UAS, for small payloads.
- **Sentinel** - Tethered Drone System can stay in the air for hours at a time.
- **Scimitar** - small but mighty weather resistant drone
- well priced.



Representatives of BCB int & Drone Evolution during Security Exhibition in Kyiv, Ukraine.

By powering the drone via a tether, attached to a ground station, the drone can stay in the air for extended periods of time.



Small Drones for Big impact

Core models



RUNNER

AUTONOMOUS DELIVERY

- Simple operation
- Auto terrain follow
- Rapid deployment
- Weather resistant
- Secure - no data gathering
- Resists RF jamming
- Acts as a radio mast
- 1.2 kg payload - 50km
- 3.5 kg payload - 20km

SENTINEL

TETHERED DRONE

- Runs directly from vehicle:
 - fixed battery
 - idling vehicle (12volt or 24volt)
 - mains
- European-made drone
- Weather-proof
- Lightweight and flexible
- Rebroadcasts
- Payload agnostic
- Resolves a blackspot
- Extends radio network

SCIMITAR FPV

FAST & SAFE

- Weather resistant
- Simple operation
- Rapid Deployment
- Small frame
- 2 kg payload
- 15 km range
- 15 min flight time
- >120 km / hour speed

SCORPIO FPV

PROGRAMMED TARGETING

- Rapid assembly
- 2 kg payload
- Range 12-15km
- Flight time: 15 minutes
- 120Km / hour speed





SENTINEL / RUNNER Drones:

BUILT FOR PURPOSE



SENTINEL Safer to Use: NO Flyaway

- **RUNS FROM:**
 - ✓ Fixed battery
 - ✓ Idling vehicle (12volts or 24volts)
 - ✓ Mains power
- **European-made drone system**
(i.e. No significant Chinese parts)
- **Weather-proof, lightweight and flexible with high wind resistance**
- **Suitable for every military and government agency** (including the US)
- **Payload agnostic for ultimate flexibility**
- **Proved effective at communications rebroadcast**
- Wipes out a blackspot
- Extends reach of the radio network

RUNNER Autonomous Delivery-NO Jamming

- 1.2 kg of payload up to 50 km
 - 3.5 kg up to 20 km (Up to 5 kg, if Upgraded)
 - Simple operation and Rapid deployment
- Select co-ordinates from any smart device (no app required)
Select required height and "GO"
Drone flies to selected location
- Follows terrain automatically
 - Weather resistant
 - Total security - no onboard data gathering
 - No radio frequency - resistant to RF jamming
 - 'Mast Mode' feature - Runner acts as a radio mast for 1 hour





SCIMITAR FPV Drone

Fly with no borders



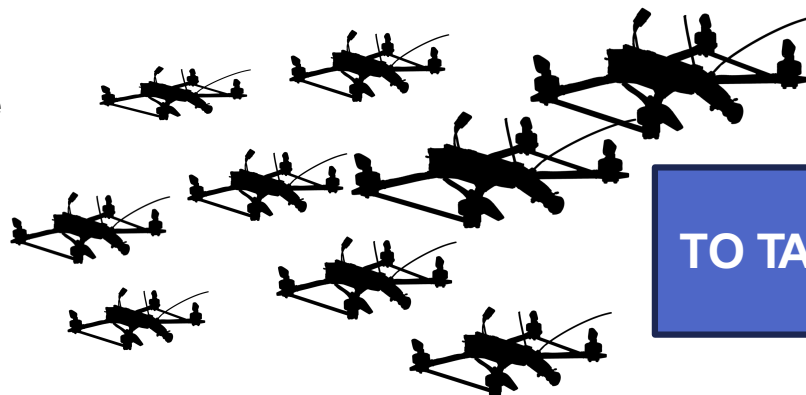
SCIMITAR FPV

Speed, Safety & Surprise



- Affordable and effective use of drone technology.
- Easy to deploy and operate

- PAYLOAD - 2 KG
- RANGE 15 km
- SPEED up to 120 km/hr
- FLIGHT TIME - 15 Minutes
- Low Radar signature
- Simple OPERATION
- Quickly DEPLOYABLE
- Weather RESISTANT
- SMALL Frame



**TARGETED REACH
MADE EASY**

TO TARGET



50mm wide quick release double secured straps.



Removable head pad.



6 mesh fabric sections with fast lock hollow carbon fiber poles which slide in/out



- Lightweight
- For rapid deployment

Adaptable rescue methods

- 4-person horizontal lift
- 6-person horizontal lift with strap
- Vertical winch by helicopter

- Fast assembly below 20 seconds.
- Effective protection & safety: Removable head support & strap.
- 4 restraining straps, groin /over body straps & spinal support for ease of securing the casualty.
- Folds into 6 sections, so easy to stow
- Strong and durable rigid stretcher: Strain tested to transport a
 - load of 311 kilo (equivalent to 47 stone).
 - Back-packable for hands-free carrying.





Survival & Medical Kits

- Innovative and intuitive survival solutions for over 50 years
- For fast jets, rotary wing and transport planes, tanks and armoured vehicles
- Individual or group survival packs
- Supplied to Special Forces, Air Forces and Land Forces
- We have helped save many thousands of lives over the years





Medical Solutions & Hygiene Kits

- Innovative and intuitive medical solutions for over 50 years
- Individual or group packs
- For Air Forces, Land Forces, Maritime, Polar
- Jets, rotary wing & transport planes, armoured vehicles,
- Basic to Platoon Packs
- Vacuum packing
- Medicine Licence



Combat First Aid Kit

- Tough, compact
- Internal pockets
- MOLLE-compatible
- Quick, easy access
- Easy pull zip handles



Functional, rugged furniture currently in service with the UK MoD

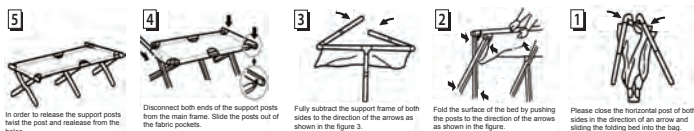
- NATO codified
- Robust
- Lightweight
- Space efficient



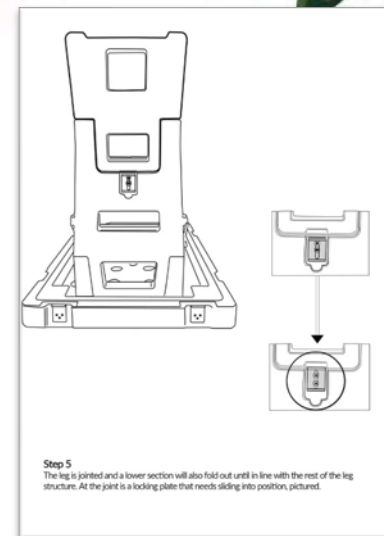
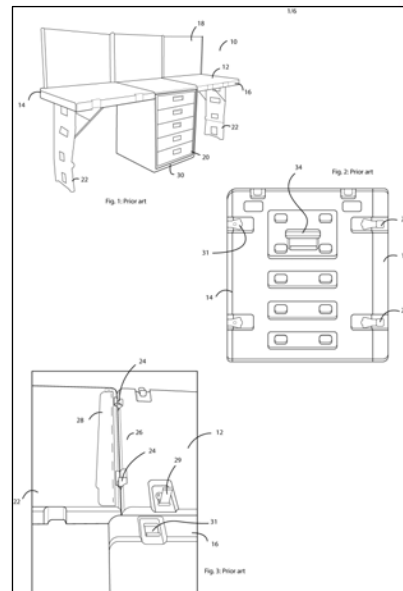
Rugged
Camp Cot



Disassembly of Camp Cot



Field Desk:
Transportable
Easily deployed
Privacy Screen
Secure storage





Field Sleeping Systems



Self inflating Sleeping Mat

Modular Sleeping Systems LIGHTWEIGHT & MEDIUM WEIGHT



4 Seasons
Sleeping Bag



Mattress

Mosquito
Net on a
camp cot





Boat Stopping System (BSS)

Air powered, powerful launching system

- Non-Lethal
- 100% effective; it doesn't need to snag or entangle the propeller
- Simple to use; just uses compressed air
- Provides a layered defence
- Scalable for large & small boats
- Does not damage or sink the target boat
- Can also be used to deploy survival equipment
- Extensively tested and in service
- Significant and reliable stopping power





Boat Stopping Systems (BSS)

Versatile applications for defence and control of waterways, borders and zones



- The US Navy have conducted extensive trials.
- US Navy purchased for extended trials at the US Naval Surface Warfare Centre.
- Other forces are keen to trial including the UAE navy, Singapore, India, Kuwait, Indonesia, Japan, Malaysia, Spain, Malta, Saudi, Korea, France, Italy and Denmark.
- World patents granted
- More can be seen on video:



Click Play

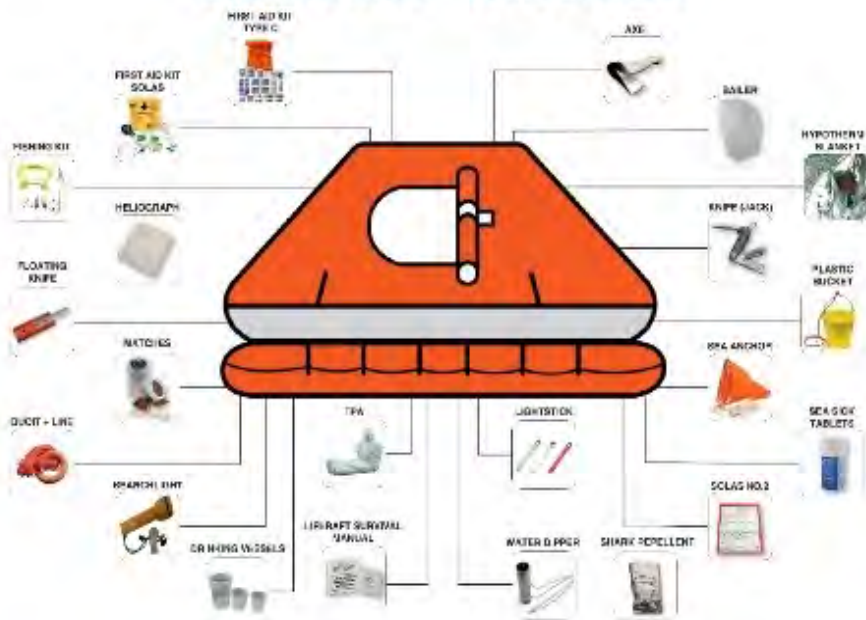


BCB developed the first ever survival and medical equipment for life rafts and lifeboats, in the 1950's.

There is a high cost of entry as it is highly regulated and requires extensive testing and thus has few competitors.

This market, though only growing at 5.3% (2019 Plimsoll) does provide a regular, reliable demand for our life saving marine products.

BCB - WE HAVE YOU COVERED.



Medical Equipment

BCB designed the first medical equipment for use in life rafts and lifeboats over 60 years ago. The Company produces its products to international SOLAS, IMO, Aviation or EU standards.

Lifed items = Regular, Repeat Orders



Survival Kits

BCB is the developer of much of the current survival equipment that is now standard in life rafts and lifeboats. The kits are SOLAS and IMO approved.



Marine Polar Range



**Specialist Marine extreme cold weather survival equipment.
Personal kits • Larger group kits.**



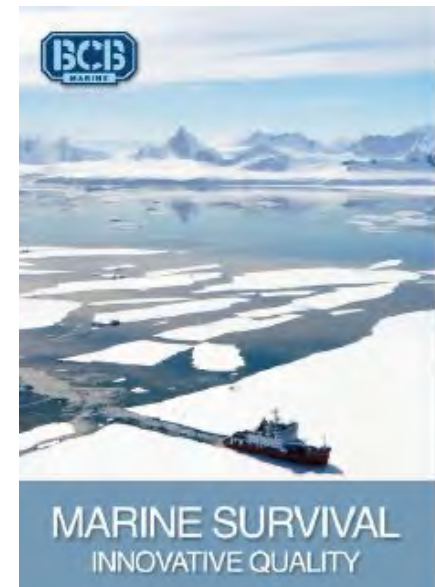
Both kits comply with the Polar Code (IMO Resolution MSC.385(94)), PART I-B paragraph 9.2



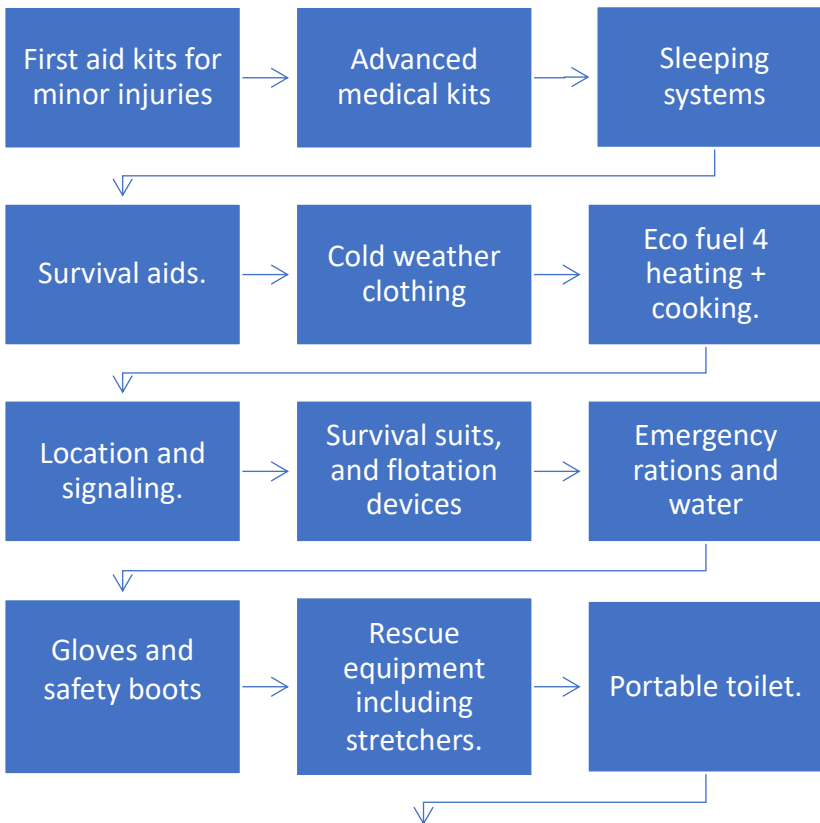
Polar Kits – Meets the regulation called “The Polar Code” requiring all Polar international shipping to carry new extreme cold weather survival packs. BCB was instrumental in designing the products. Now, extensively adopted by most vessels going into the Polar regions. Due to climate warming the North West passage is now more accessible than ever.



BCB Kits are accepted to the Inter Maritime Organisation (IMO).
Tested in the extreme of the Polar regions.



Marine offshore health, safety and personal protection equipment, for support vessels and each offshore wind turbine.



To permit overnight occupation in the turbine in the event of poor weather or support vessel issues.

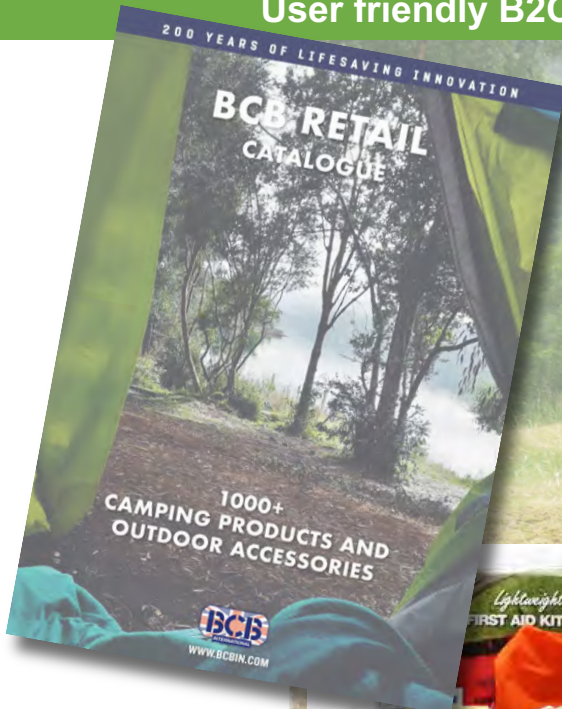


Growing offshore wind market.

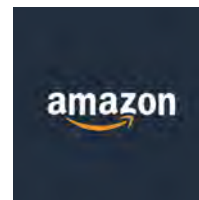


Outdoor Market Camping, Bushcraft, and fishing products

User friendly B2C eCommerce site, "Trade only" section, and Rapid Dispatch



Available in over 600 outlets in UK





FireDragon Fuel for Ukraine project. (FFU)



BCB, Vinnytsia National Technical University and our Partners have an opportunity to distribute our clean cooking fuel, FireDragon, in Ukraine.

AIM: SOLVE the Ukrainian energy crisis

FIREDRAGON

ATTRIBUTES:



SUSTAINABLE

Made from waste vegetation



BURNS CLEAN – HUGE REDUCTION

in greenhouse gases (100% less methane than charcoal/firewood).



BURNS SAFELY INDOORS

Perfect for users in apartment blocks in blackout.



COMPATABLE WITH MOST STOVES

perfect for soldiers and the internally displaced.

VERSATILE

Easily lit in all weathers, even when fuel is wet.

STATUS:

- PROJECT FUNDS APPROVED
- Project worth £1,286,999.
- PURPOSE: Ethanol (FireDragon) production
- LONG TERM strategy for FireDragon PRODUCTION & DISTRIBUTION.

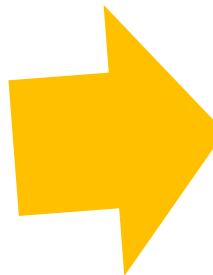
BENEFITS:

- IMPROVE GREEN ENERGY ACCESS, localising production will bring to market an affordable clean cooking fuel.
- CREATE LICENSED EMPLOYMENT, creating an income for desperate families in the war-torn state.

RESEARCH + LOCAL PRODUCTION



- Affordable
- Available
- Low cost

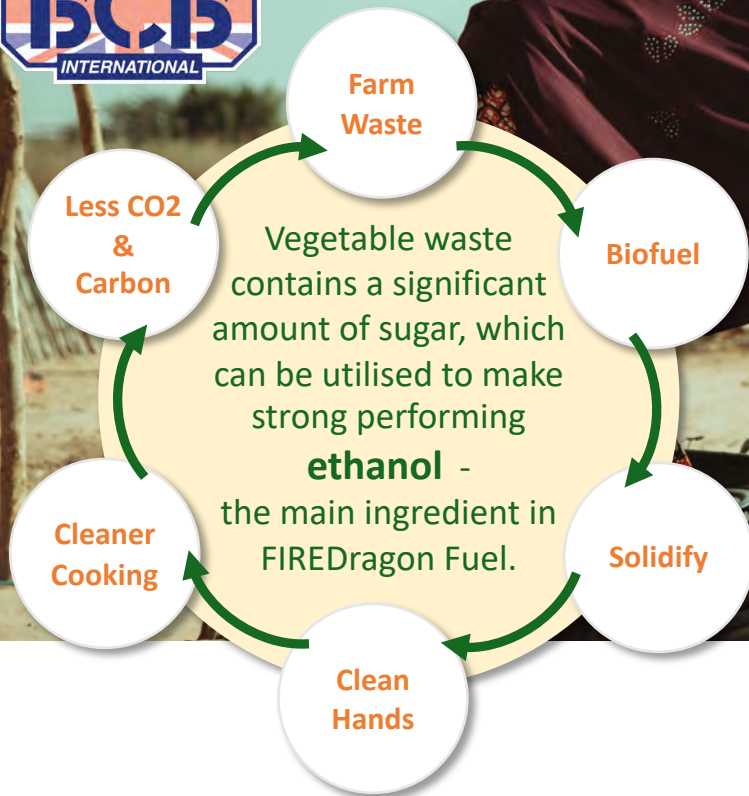


TARGET MARKETS:

- Ukrainian households.
- Internally Displaced
- Ukrainian Troops



FIREDRAGON



The Sustainable and Affordable Fuel for Energy (SAFE) project.

Solution: Enable clean cooking for over 3.5 billion people

The SAFE project is **sourcing investment** to establish production of solidified ethanol in Africa or South East Asia .

Localised Production will bring those countries many benefits:

- **Improve green energy access**, localising production will bring to market an affordable clean cooking fuel.
- **Create licensed employment**, creating an alternative to illegal and dangerous charcoal economies.
- **Economize food waste**, liquified ethanol is made from waste vegetation, this will economize a wasted agricultural resource and create an additional income for farmers, just as we are doing in Ukraine.



Sustainably Produced from waste vegetation.



Burns cleanly, it emits considerably less greenhouse gases than wood or charcoal (**100% less methane compared with charcoal/firewood**).



Is Compatible with popular charcoal and firewood stoves, removing installation costs.



Summary

Expertise in light engineering, medical, camouflaged products and chemical formulations.

Balanced and experienced management team with good financial control and proven production, quality control and distribution structure.

Approx. 550 innovative items. NATO approved. BCB's own design, unique, and IP protected.

Historically, BCB's primary customers have been the UK MoD and manufacturers of life rafts and lifeboats.

Exports 40% to military, security & marine services.

Well established network of sales distributors and direct government long term contracts.

Excellent name and reputation in the 3 diverse, complementary and growing markets.

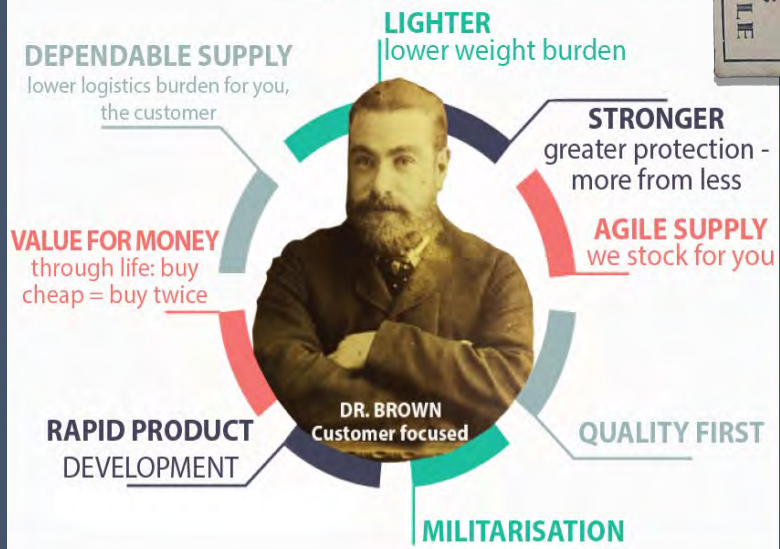
For over six decades BCB has been at the forefront for some world leading innovations to help save lives and are well known to its customers for the quality of its products.



Three Soldier Technology awards for innovation



Two Queen's Awards for Export Achievement





Conclusion



FIRE DRAGON



BCB is a very long and well established company.

Life saving and ethical.

Comprehensive innovative quality product range.



Excellent quality and service.

Designing and manufacturing life saving equipment for the elite.

Well respected brands.

- ❑ Considerable investment into R&D and capital equipment.
- ❑ Having 3 diverse markets is a great strength, especially in volatile global markets
- ❑ Defence and Marine markets provide good long term contracts which underpin revenue streams.
- ❑ Product rich, IP protected company.



**“Saving and Protecting lives in hostile environments,
through rapid innovation”**