PFIZER VACCINE ULTRA COLD CHAIN (UCC)

TECHNICAL ASSISTANCE PLATFORM

WHO ARE WE?

Project Management

Not-for-profit international development company working in partnership with governments and organisations worldwide supporting the procurement and delivery of Pfizer COVID-19 vaccines.

Technical Assistance

German company with over thirty years experience in the field of service support for transportation and storage of pharmaceutical and diagnostics products.

YOUR HELPDESK & TA TEAM

Jessica Lanyon
Helpdesk Manager
Lead Representative

Bryan Richmond
Director

Kathryn Leach
Technical Support Officer

Viliam Kovac

JG Cowper

Michel Okito

Senior UCC Specialists

unicef

THE CHALLENGE

Pfizer vaccines require storage and transport at ultra- low temperatures

Differences in the storage temperature requirements throughout the supply chain increases logistic complexity

The complexity of the vaccine requires a particularly rigorous and efficient vaccine monitoring system

There is growing UCC capacity in lower and middle income countries

Ensure staff training according to SOPs, including dealing with ultra-cold products and hazardous materials, such as dry ice.

COUNTRIES AND MOHS ARE NOT ALONE IN THIS CHALLENGE

Crown Agents and Globalworx have partnered to offer a technical assistance platform to support your needs.

HELPDESK

Dedicated helpdesk to answer all questions with regards to the supply chain and vaccine

TECHNICAL ASSISTANCE

Senior consultant assigned to your country to work remotely, in-country or through a hybrid approach to provide training, guidance, advice and support on a country's technical requests

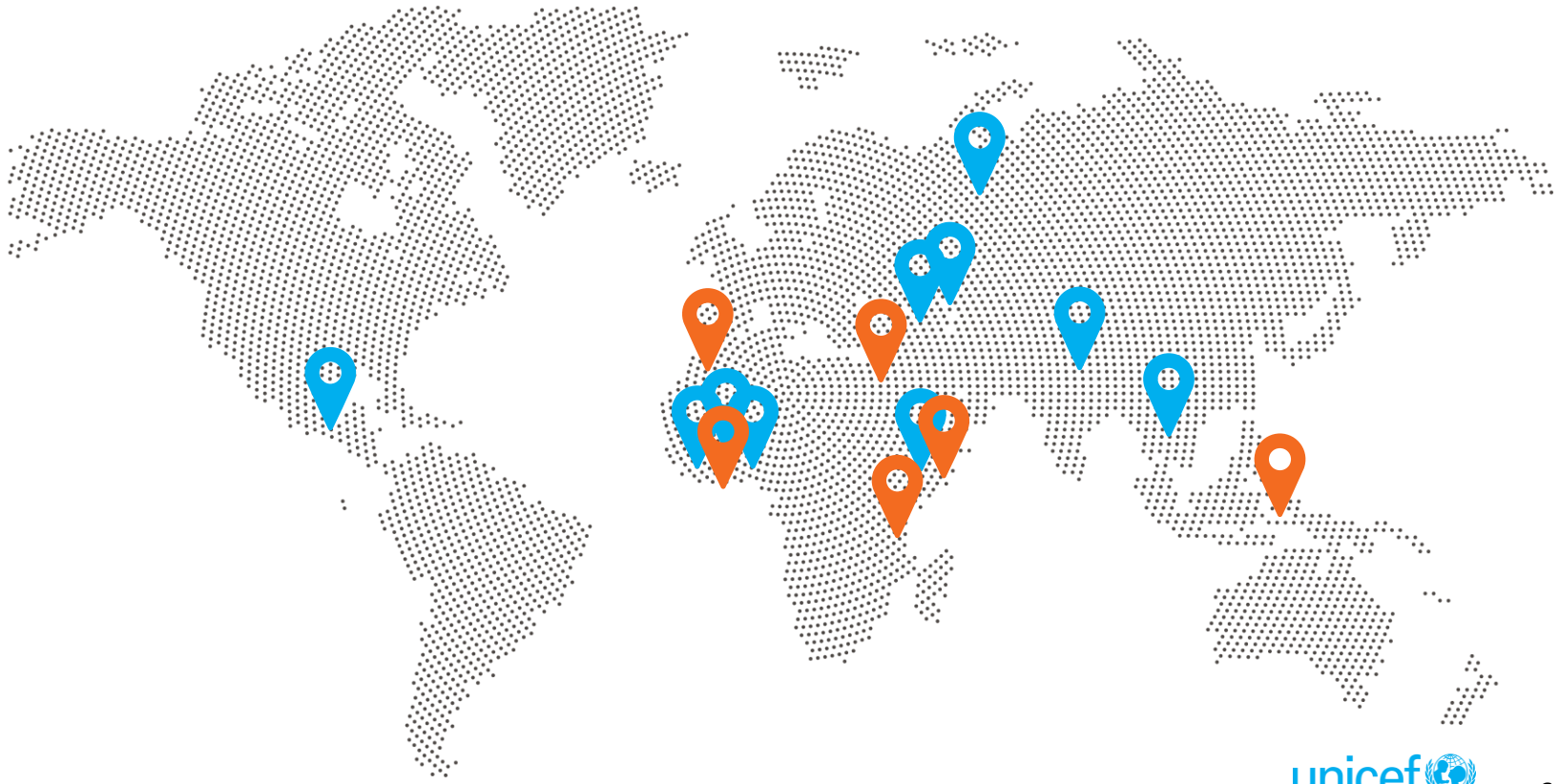
PROCEDURES

SOPs adapted to the country's specific needs and context for all required processes and steps in the supply chain

OUR GLOBAL EXPERIENCE

A successful deployment of Pfizer BioN-Tech vaccines has been accompanied by our experts in different low- and middle-income countries across the globe.
We have hands on experience in different contexts, languages and requirements.

COUNTRIES WE'VE ASSISTED



KEY DATA

17

COUNTRIES SUPPORTED VIA HELPDESK & TECHNICAL ASSISTANCE

531

CONUSULTING DAYS OF EXPERIENCE

96

ULT FREEZERS SUCCESFULLY INSTALLED

60

TRAINING DAYS OFFERED

18M

VACCINES STORED SAFELY

EXPERIENCE

KYRGYZSTAN

Ahead of storing vaccines, ULT freezers need to be installed, calibrated and qualified. We installed the freezers and provided technical assistance to calibrate and qualify them. We trained the RCI in freezer maintenance and temperature monitoring using a TMD to ensure vaccines were stored safely.

BURKINA FASO

Short-shelf life vaccines require strong UCC capabilities and clear vaccination plans. Burkina Faso received 700,000 short shelf-life vaccines and called on us to provide TA to strengthen the UCC. We provided in-country training, developed SOPs, logistics and mitigation plans and worked with the MOH to develop a vaccination plan. 91% of the vaccines were used ahead of expiry.

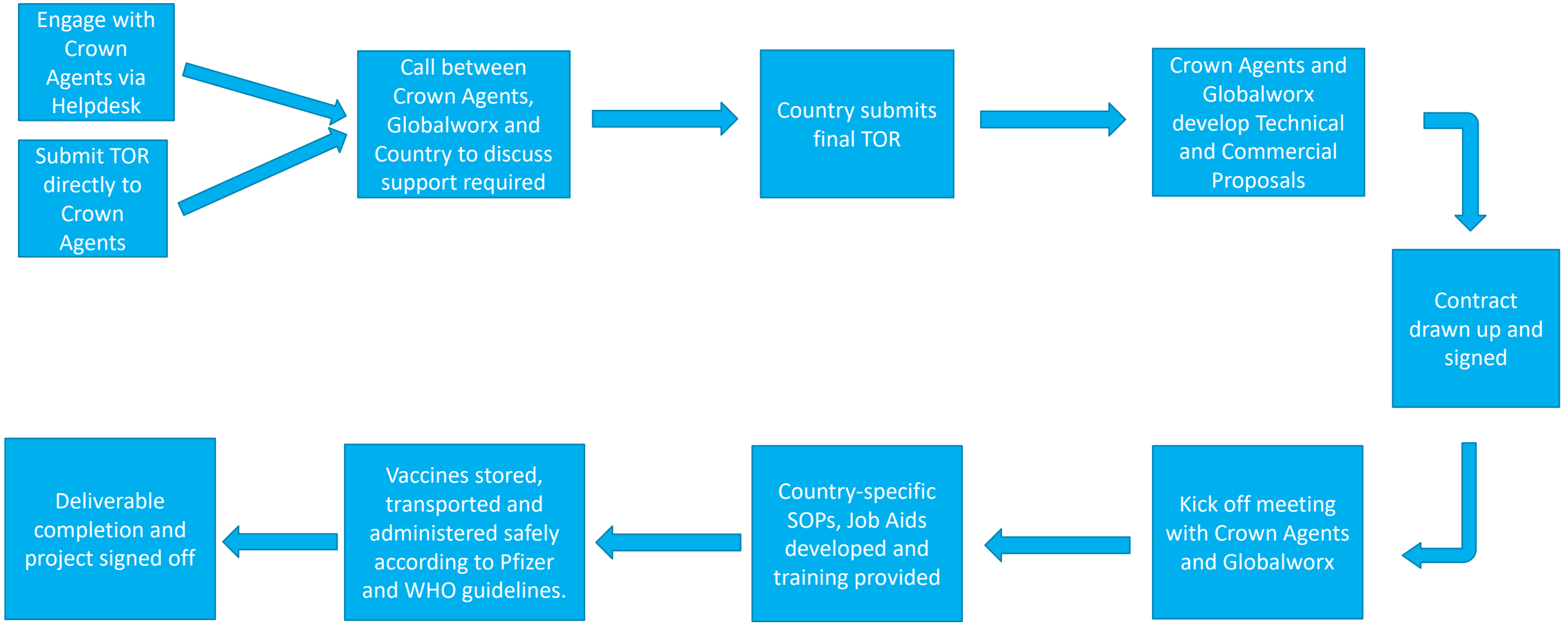
BENIN

Preparing Pfizer vaccines for administration requires strong dynamic labelling skills as well as knowledge of the dilution process. We provided in-country TOT training in preparation, dilution and administration of the Pfizer vaccine to ensure it is administered safely, with minimal wastage.

GLOBALWORX FRAMEWORK TO ENSURE COUNTRY READINESS ACROSS THE ENTIRE UCC

SUPPLY CHAIN OPERATIONS			MASTER PROCESS
PLAN & DESIGN & REPORTING	Country specfic questionaire Temperature specific supply chain design		A
INBOUND	Vaccine	(-70°C to -90°C)	B
	Dilutent	+15 to +25	C
HANDLING - national and sub national	Receiving	(-70°C to -90°C)	D
		(-15°C to -25°C)	E
		'+2°C to +8°C	F
		+15 to +25	G
	Storage	(-70°C to -90°C)	H
		'+2°C to +8°C	I
		(-15°C to -25°C)	J
	Pick & Pack	(-15°C to -25°C)	K
		'+2°C to +8°C	L
	Distribution	(-15°C to -25°C)	M
		'+2°C to +8°C	N
REVERSE LOGISTICS	Re-Use	(-70°C to -90°C)	O
		(-15°C to -25°C)	P
		'+2°C to +8°C	Q
	Waste		R
MONITORING			S
AUDIT | VALIDATE	Readiness Checklist	Country specific	T
	Risk Mitigation strategy	analysis, evaluation,control	U
	Equipment	IQ, OQ, PQ Freezer	V
TRAINING	Country specific SOP	Local	X
		Remote	Y
VACCINE MANAGEMENT			CA

TECHNICAL SUPPORT ROADMAP



FEEDBACK

BURKINA FASO

"…this has been fantastic experience. Everything runs well with good contract management from your side. We highly appreciate your heads up/alert messages."

ETHIOPIA

"…it was a great pleasure to work with you and CA. Your professional asset has helped a lot, your valuable documents will be a resource for our future endeavour."

SIERRA LEONE

"It was very participatory and the country team was in the driving seat. In addition to the TA needs identified by the country, the project provided extra technical assistance requested by the team towards the end of the project."

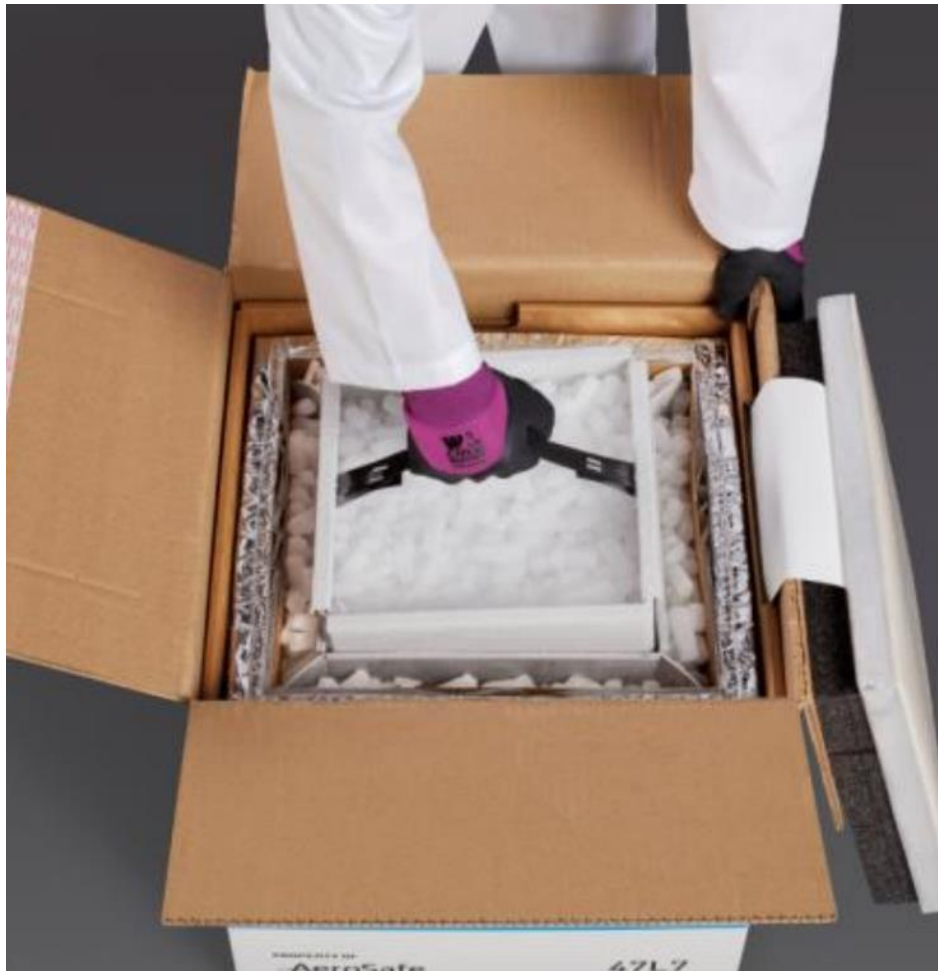
TAJIKISTAN

"It was a pleasure working with you. We contributed to the successful introduction of the UCC and Pfizer vaccine in Tajikistan. Well done."

WE ARE HERE TO HELP!

We will support you throughout the entire process to ensure country readiness at all levels of the supply chain.

Contact us:

UCChelpdesk@crownagents.co.uk

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