

COMMODITY EXCHANGE INITIATIVE



PRESENTATION TO

Commercial Farmers Union

Objective is to launch a full Commodities Exchange anchored on a Warehouse Receipt System by 31 March 2021 with the following in place:



Full legal and regulatory clearance by end of March 2021



Fully developed and tested system with the onboarding of at least one warehouse; one settlement bank; one credit provider and one custodian.



Support and endorsement from the Government of Zimbabwe; Development Partners and Private Sector.

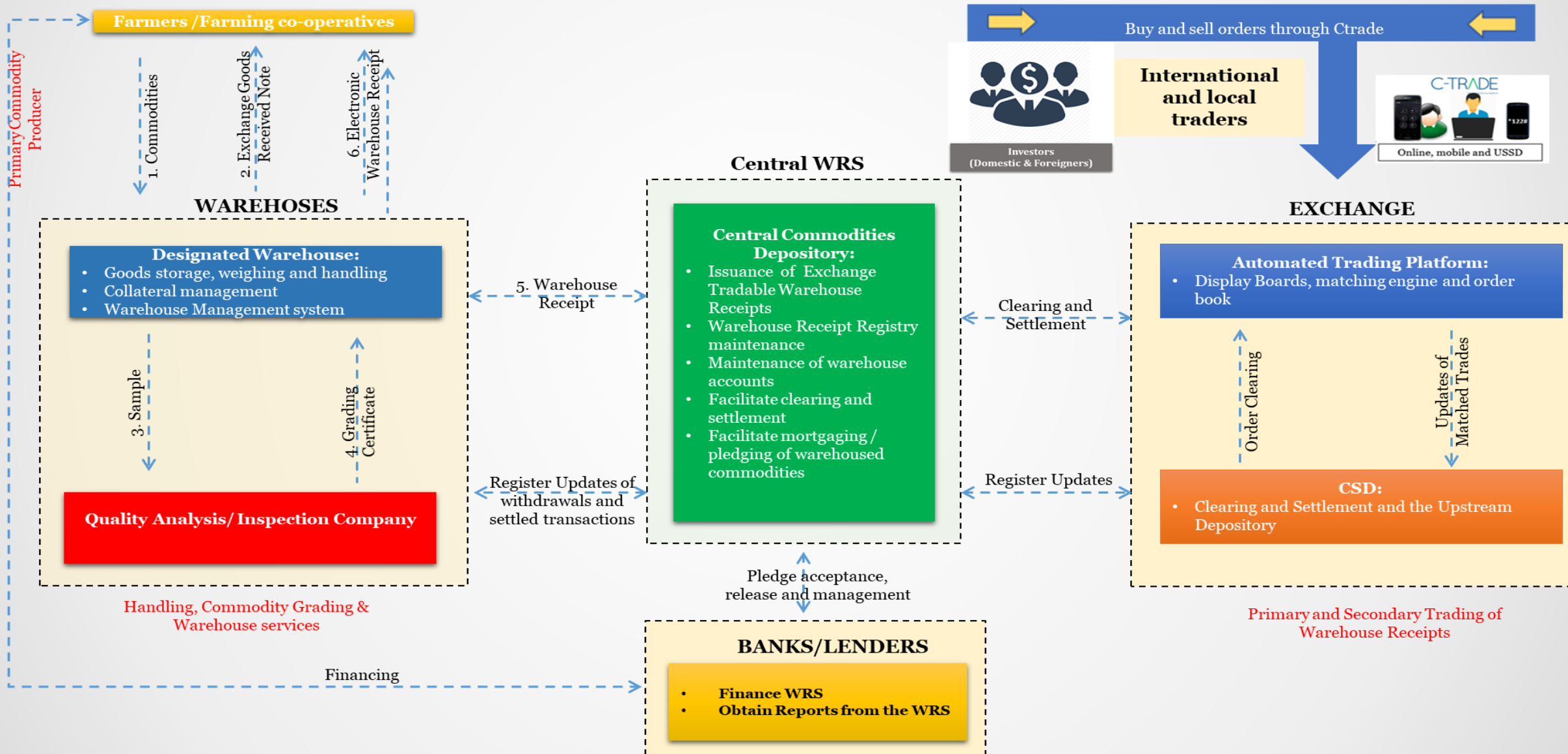


Resourcing to enable launch of the project.

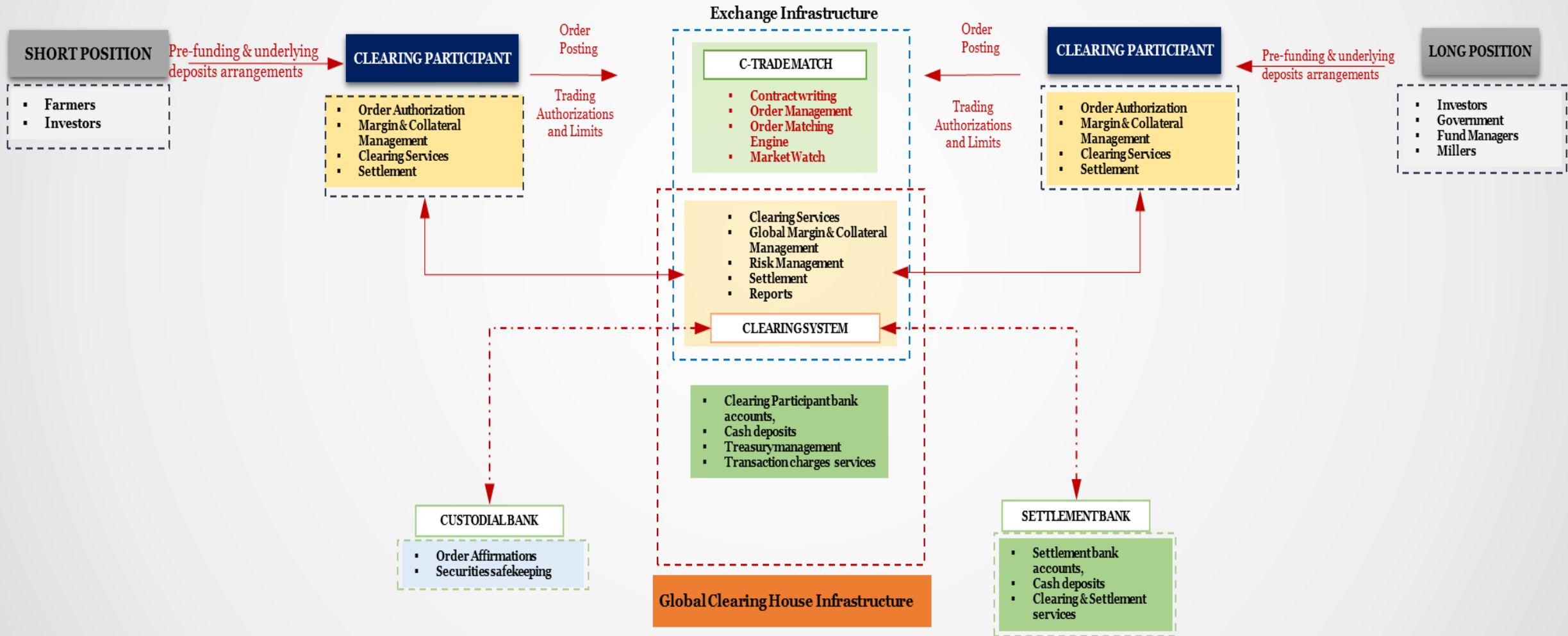
COMMODITY EXCHANGE ROADMAP



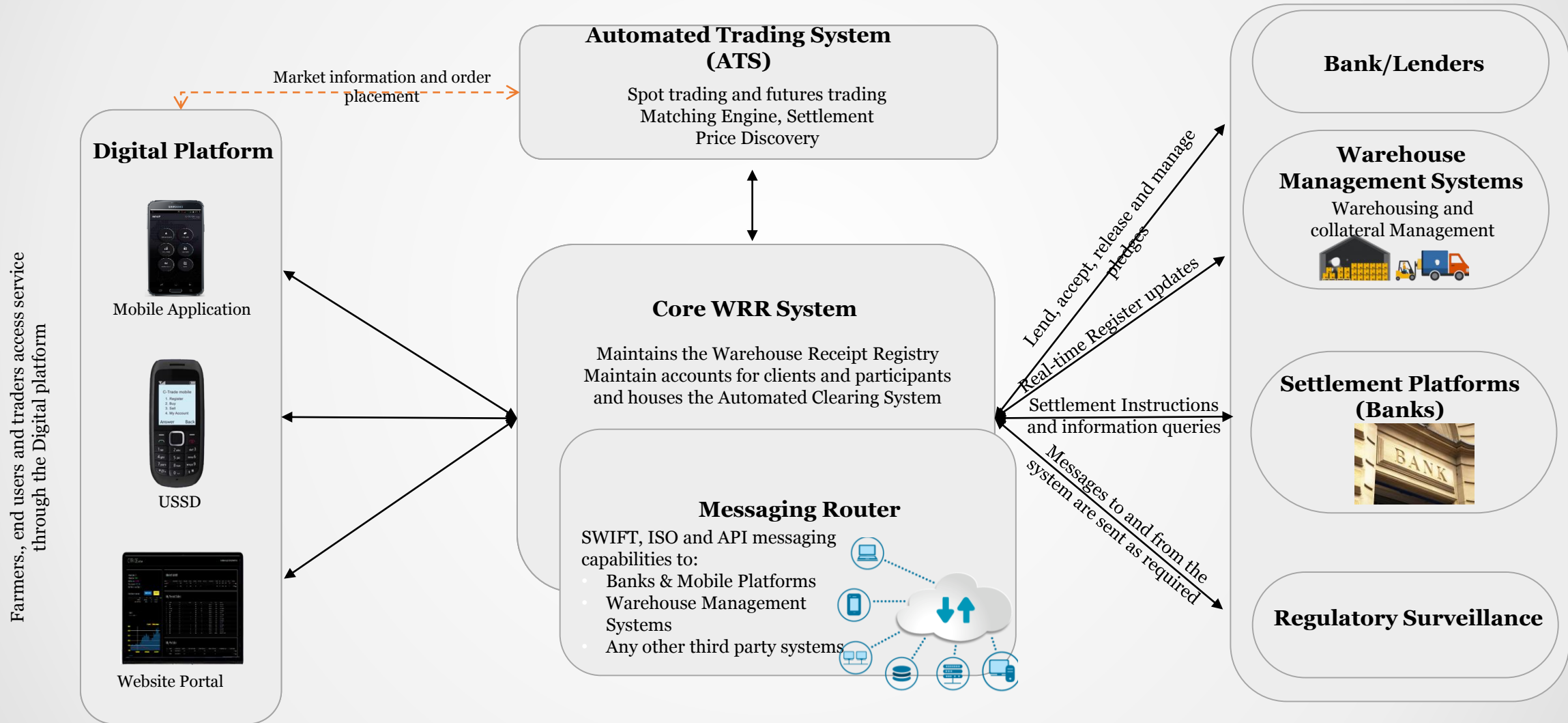
SPOT MARKET OVERVIEW



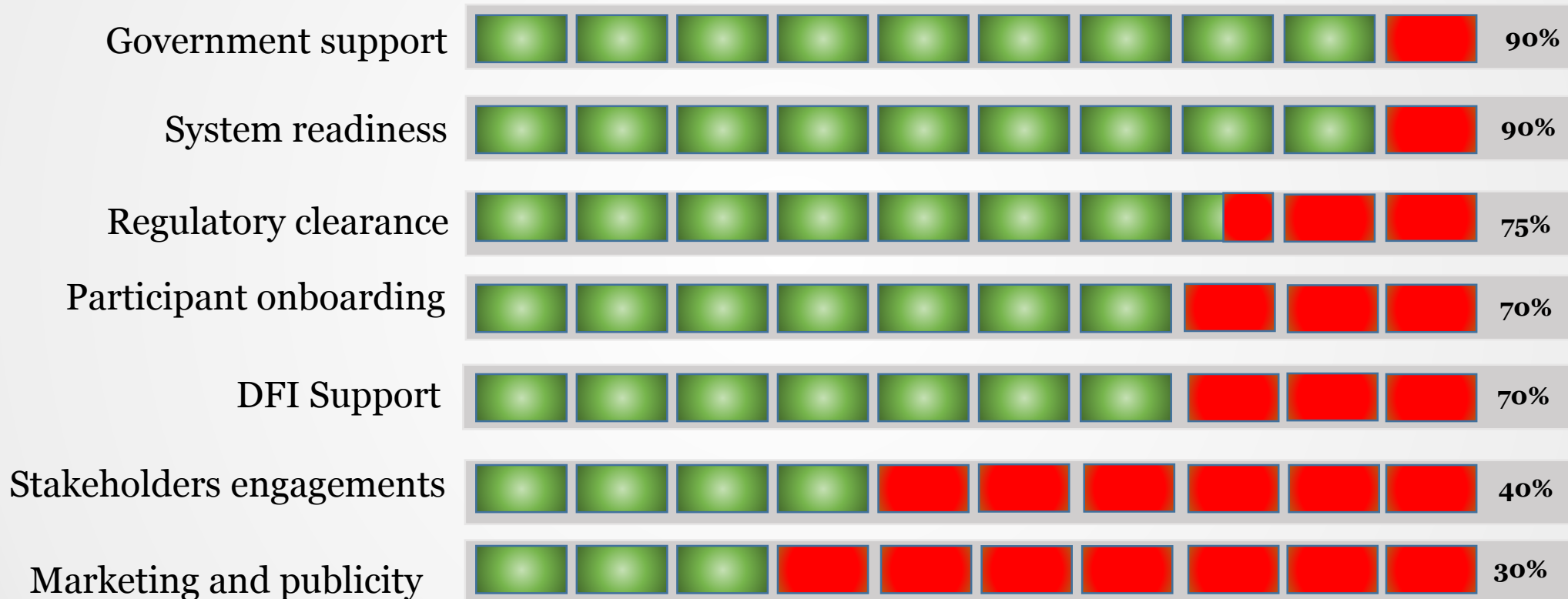
FUTURES MARKET OVERVIEW



THE TECHNOLOGY STACK



CRITICAL SUCCESS FACTORS



TECHNOLOGY PLATFORM

Ready

- Mobile application

Ready

- USSD Application

Ready

- Online Portal

Ready

- Trading Platform

Ready

- Warehouse Receipts System

Ready

- Settlement and Clearing System

Farmer and Trader Facing applications

COMMEX Internal Applications

INTEGRATIONS

Ready

- Warehouse Interface

Ready

- Settlement Interface

Ready

- Payment Gateway Interface

Ready

- Market Data Dissemination

Ready

- Regulatory Returns

Ready

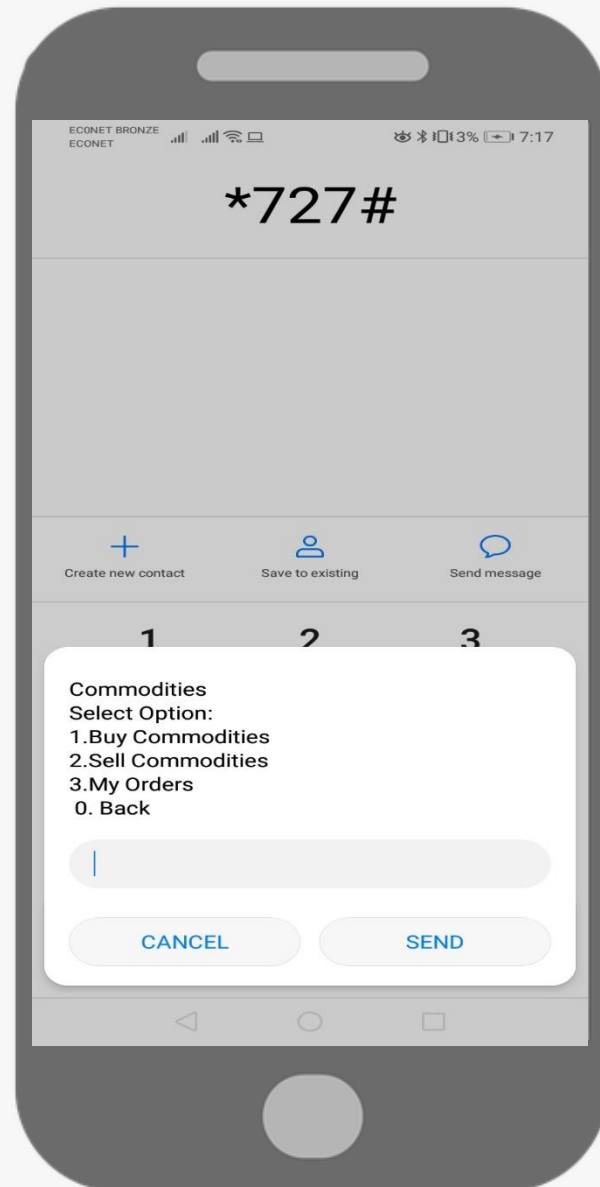
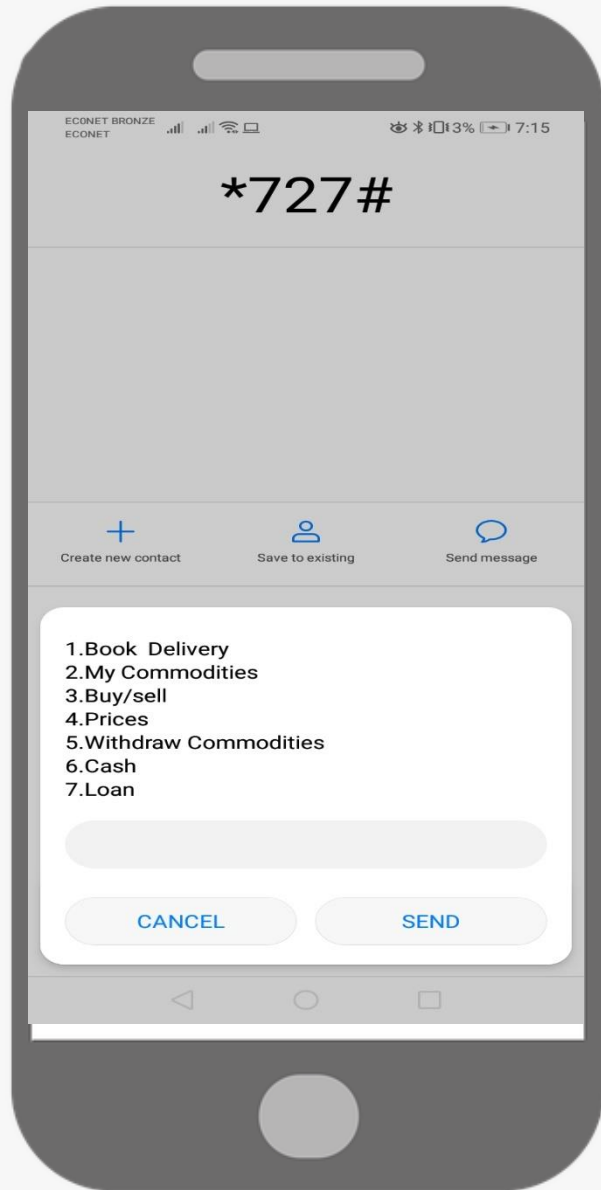
- Open APIs

Integration to Stakeholders

Data provision and reporting

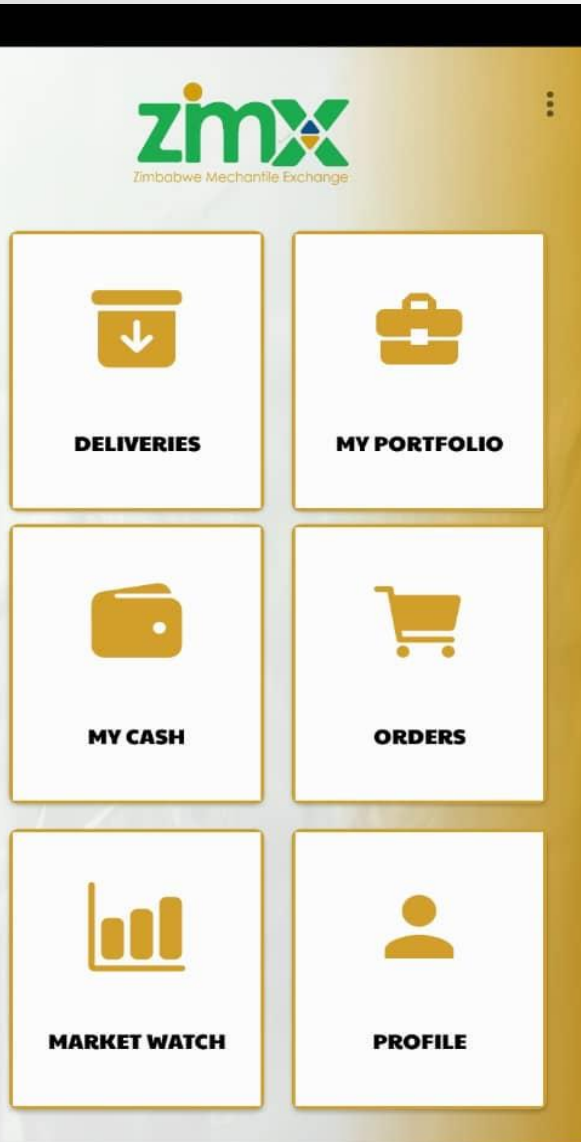
GMB interface was set-up however a number of areas still need attention, especially around the speed and reliability of the connections at the pilot warehouse.

USSD ACCESS



1. USSD is available on *727# across all networks (Econet, Netone and Telecel)
2. Integrated to Ecocash, Telecash and OneMoney for payments processing.

TECHNICAL READINESS



The screenshot shows the 'MARKET WATCH' screen of the ZMX Mobile app. It features a table with the following data:

Commodity	BEST BID	Current Price	Change (%)
Berry/A	20.0000	20.0000	0.0000%
CORN/BE	0.0000	6.1000	-8.9286%
RICE/R12	0.0000	13.0000	-13.0435%
MAIZE50/B	12.6543	12.6543	-2.4640%
PEAS20/A	0.0000	19.5000	0.0000%
CORN/A	0.0000	5.0000	0.0000%
BANANA/A	4.0000	5.0000	0.0000%
BANANA/D	0.0000	20.0000	0.0000%
D	13.1500	13.1450	-6.4372%
ONION/OC	0.0000	1.2000	0.0000%

1. Available on Playstore as ZMX Mobile
2. User friendly and customer experience
3. Graphical display of market performance

TECHNICAL READINESS

The screenshot displays the ZIMX (Zimbabwe Mercantile Exchange) trading platform. The interface is divided into several sections:

- My Account:** Shows account balances such as Uncleared Cash (\$328,050.0000), Cleared Cash (\$99,979.8600), and My Portfolio (\$428,029.8600).
- Market Data:** A list of commodities with their respective prices and market status. For example, MAIZE50/B is at 12.6543 (0.3043%).
- Book Delivery Form:** A form for booking delivery, including fields for commodity type, address, quantity, and district.
- Navigation:** Buttons for Loan Application, Book Delivery, Withdraw Commod, Pending Delivery, Running Pledges, Pending Withdra, Recent Orders, and Profile.

At the bottom, a status bar shows real-time market data for various commodities like MAIZE50/A, ONION/OC, METAL/META, PEANUTS/P40, MAIZE50/B, and SOYA/B. The Windows taskbar at the bottom indicates the system time is 7:27 AM on 20/01/2021.

1. Customized for all browsers
2. Mobile enabled features
3. Single view dashboard for all functionalities

TECHNICAL READINESS

Welcome to Automatic Trading System | zmx.co.zw/ATS/ATS/ATSCommo.aspx | Logged In User: arnold.c | Market Status: Market Open

Live Quotes | Orders | Deals | Reports | Change Password

Market Watch

Type	Commodity	Asset	Best Bid(Vol)	Bid Price	Volume(Ask)	Ask Price	Price (VWA)	Last Price	Last Vol	Traded Vol	Turnover	Open	High	Low	Change	Change(%)	Commodity	Unit
Warehouse Receipt	WHITE/SORGHUM		0	0.0000	0	0.0000	16726.0000	0.0000	0	0	0	16726.0000	0.0000	0.0000	0.0000	0.0000		KG
Warehouse Receipt	MILLET		0	0.0000	0	0.0000	16726.0000	0.0000	0	0	0	16726.0000	0.0000	0.0000	0.0000	0.0000		KG
Warehouse Receipt	WHITE/MAIZE		30	16030.0000	0	0.0000	16030.0000	0.0000	0	0	0	16030.0000	0.0000	0.0000	0.0000	0.0000		KG
Warehouse Receipt	WHITE/SORGHUM/A	WHITE/SORGHUM	0	0.0000	0	0.0000	17000.0000	17000.0000	500	0	0	16726.0000	0.0000	0.0000	274.0000	1.6382	WHITE/SORGHUM	KG
Warehouse Receipt	WHITE/MAIZE/A	WHITE/MAIZE	0	0.0000	23	16030.0000	17000.0000	17000.0000	7	0	0	16030.0000	0.0000	0.0000	970.0000	6.0512	WHITE/MAIZE	KG
Warehouse Receipt	SOYA/A	SOYA	0	0.0000	0	0.0000	14500.0000	0.0000	0	0	0	15500.0000	0.0000	0.0000	-1000.0000	-6.4516	SOYA	KG
Warehouse Receipt	RICE/R12	RICE	40	15000.0000	0	0.0000	15000.0000	13.0000	1	0	0	15000.0000	0.0000	0.0000	0.0000	0.0000	RICE	KG

News & Updates

Alert ID	Subject	Details	StartDate	EndDate
37	for Broker 4	you have new special offer, hurry up!!	29 Oct 2012	29 Oct 2012
36	abcd alert	abcde alert	29 Oct 2012	29 Oct 2012
35	another one for broker1	U have another one offer	29 Oct 2012	29 Oct 2012
34	Broker1	Special Offer for you	30 Oct 2012	30 Oct 2012
33	All Alert	New offer	29 Oct 2012	29 Oct 2012
32	65tyu	tgyhujm	26 Oct 2012	26 Oct 2012
31	trial	trrailaaa ghgdfgdf	26 Oct 2012	26 Oct 2012
30	d	d	26 Oct 2012	26 Oct 2012
29	testing	my alert	26 Oct 2012	26 Oct 2012

Recent Orders

OrderType	Company	CDS Number	Quantity	Price	Reference	Date	Status
SELL	WHITE/MAIZE/A	0000004677195	100	17000.0000	143899	11 Feb 2021	Pending
SELL	WHITE/MAIZE/A	0000004677195	100	17000.0000	143898	10 Feb 2021	Pending
BUY	CORN/BE	0000004677195	80000	6.1000	143897	10 Feb 2021	Pending
BUY	CORN/BE	0000004677195	250000	6.1000	143896	10 Feb 2021	Pending
BUY	RICE/R12	0000004677195	20	15000.0000	143895	10 Feb 2021	Pending
BUY	RICE/R12	0000004677195	20	15000.0000	143894	10 Feb 2021	Pending
SELL	WHITE/MAIZE/A	0000004677195	7	17000.0000	143893	10 Feb 2021	Matched
SELL	WHITE/MAIZE/A	0000004677195	23	16030.0000	143893	10 Feb 2021	Pending
BUY	CORN/BE	0000004677195	500000	6.1000	143892	10 Feb 2021	Pending
BUY	WHITE/SORGHUM/A	0000004677195	500	17000.0000	143891	09 Feb 2021	Matched

Current Prices

RICE/R12 15000 | SOYA/A 14500 | WHITE/MAIZE/A 17000 | WHITE/SORGHUM/A 17000

zmx Zimbabwe Mercantile Exchange

ESCROW 360° Automated Trading System



PILOT PROGRAM UPDATE

- ✚ ***Awareness and Sensitisation Workshops*** – workshops were held at provincial and district offices to explain the concept and benefits of the WRS to farmers, village heads, provincial heads and agricultural extension officers.
- ✚ ***System Tests*** – all systems that will be used in the WRS processes from the farm to settlement of trades have been tested under different scenarios and users of such systems have been trained. Any identified system glitches are correct on the go.
- ✚ ***Dry Runs*** – we have carried a number of dry-runs to test the end-to-end processes with all stakeholders. These dry-runs will continue throughout the pilot phase.
- ✚ ***Trial Trades*** – the platform continues to be tested with live trades using real commodities and real money transfers. A few buyers and sellers have been identified to test the systems in a live environment. These include GMB, Silo Foods, Chimayo Farms (part of TSL) and AMA. Trial trades will also continue throughout the pilot phase.
- ✚ ***Process flows*** – these are being amended and updated as per feedback from the dry runs and trial trades

BENEFITS TO FARMERS

- ✚ Post Harvest Warehouse Receipt Loans Opportunity
- ✚ Pre Planting Futures Based Loan Facilities
- ✚ WRS Issued by Certified Warehouse
- ✚ Protection through Warehouse Receipt Regulations
- ✚ Enhanced Collateral Management by ZMX through ZMX Rules
- ✚ Warehouse Insurance and Inspection
- ✚ Stop Order Facilities
- ✚ Price Discovery
- ✚ Real Time Market Information
- ✚ Market Based Exit Mechanism
- ✚ Mobile and Online Convenience

END