



**Western Cape
Government**

Health

VACCINE ROLLOUT STRATEGY & VACCINE ACQUISITION STRATEGY

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Rollout of J&J Vaccine (Sisonke Programme)



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Vaccination Programme Launch

- 1. Launched at Khayelitsha District Hospital on the 17 Feb**
- 2. GSH and TBH**
- 3. Karl Bremer Hospital started vaccinations on 23 Feb**

Vaccine update: Phases and Prioritisation Groups

Phase I

- **Health Care Workers :**
 - Public & Private Health Sectors
 - Care Workers
 - CHWs
 - Health Science students
 - Traditional Healers

- **Estimated target:**
 - 132 000

Phase II

- Essential Workers
- Clients in congregate settings
- Older than 60 Years
- Older than 18 yrs with Co-morbidities

- **Estimated target :**
 - 2m

Phase III

- Older than 18 years

- **Estimated target :**
 - 2,9m



Prioritisation for Phase 1 for J&J Vaccine (Sisonke Programme)

Phase I

• Health Care Workers :

- Public & Private Health Sectors
- Care Workers
- CHWs
- Health Science students
- Traditional Healers

• Estimated target:

- 132 000

Limited doses of the J&J vaccine has been secured as part of the Sisonke Programme.

The J&J Vaccine will be arriving in **four tranches over 8 weeks.**

The **first tranche**, received on 17 February 2021, contained **13 160 doses** for private and public sectors.

It is anticipated that this will cover **40% of health care workers** over the 8 week period.



Sequencing

The following sequencing principles are being applied in the Western Cape:

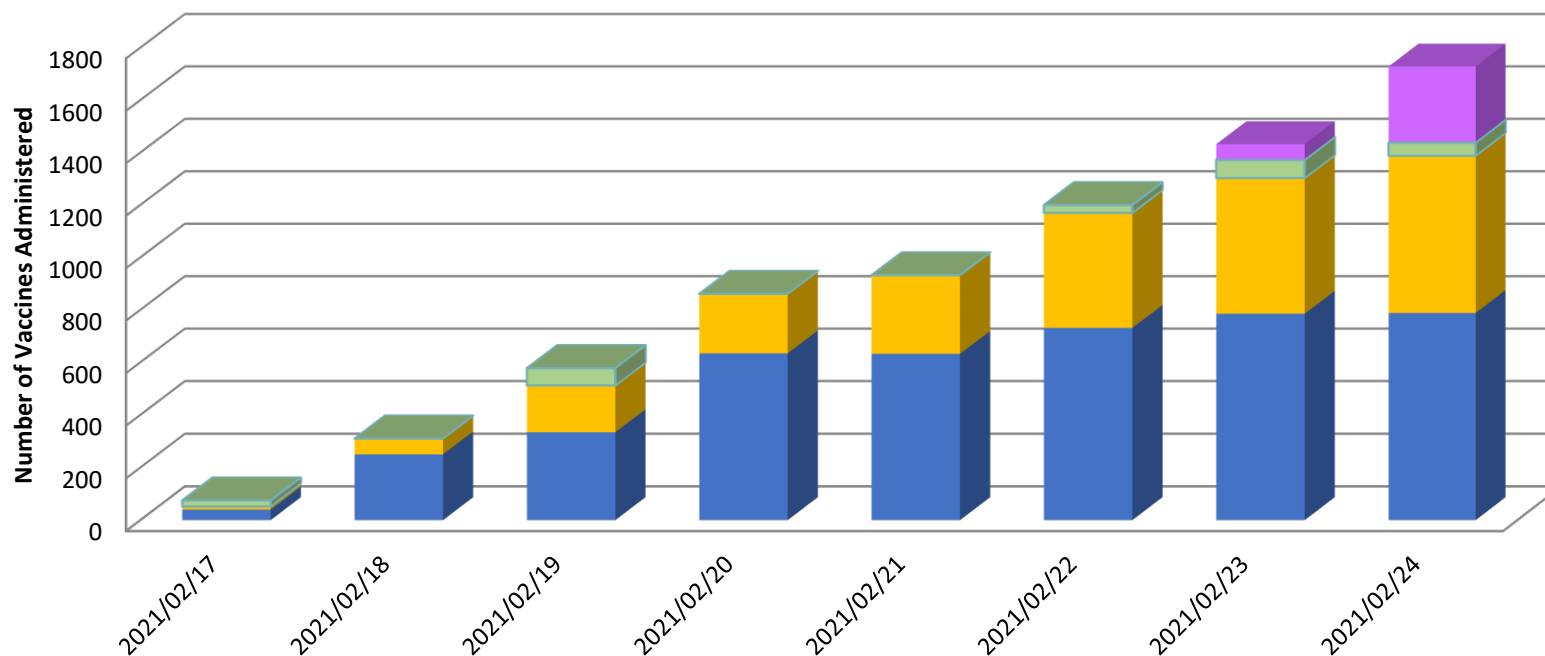
- a) Equitable access is supported.**
- b) Recognition of the limitation of not having a rural site in the first round**
- c) The TBH and GSH sites be seen as Metro East and Metro West sites
- d) Immediate sub district of Tygerberg, and Southern/ or Western be focussed upon.**
- e) Number of doses will be allocated pro rata to the number of staff at identified facilities.**
- f) Further prioritisation needs to happen within facilities.**

Electronic Vaccine Data System (EVDS)

- **Electronic Vaccine Data System (EVDS):**
 - **Self-enrolment**
 - **Electronic patient record**
 - **Paper-based systems- back-up system**
 - **Consent**

Vaccine uptake: 17 – 23 February 2021

**Number of Covid-19 Vaccinations done per site:
17 - 23 February 2021 = 7116**



	2021/02/17	2021/02/18	2021/02/19	2021/02/20	2021/02/21	2021/02/22	2021/02/23	2021/02/24
KBH							60	290
KDH	23	0	66	0	0	30	69	50
TGH	12	60	178	227	300	439	518	600
GSH	40	250	334	634	632	731	785	788

Challenges Experienced with rollout of J&J Vaccine (Sisonke Programme)

- **An under-estimation of the impact on time that study conditions have on throughput time:**
 - ✓ **Syringe Filling time**
 - ✓ **Paper-based system.**
 - ✓ **IT hardware gap**
- **Non-HCWs are registering as HCWs**
- **Booking system for Private Sector GPs**

Roll-out Sites for J&J Vaccine

Tranche 1 (17 February to 02 March)

- Groote Schuur Hospital
- Tygerberg Hospital
- Khayelitsha District Hospital
- Karl Bremer Hospital

Tranche 2 (02 to 16 March)

- Groote Schuur Hospital
- Tygerberg Hospital
- Khayelitsha District Hospital
- Mitchell's Plain District Hospital
- George Hospital
- Worcester Hospital
- Paarl Hospital

Tranche 3 (17 to 30 March)

- Helderberg Hospital
- Ceres Hospital
- Hermanus Hospital
- Caledon Hospital
- West Coast District (Bergriver, Cederberg, Swartland, Saldanha, Matzikama)
- Central Karoo District (B/West, Laingsburg, Prince Albert)
- Garden Route (Hessequa, Kannaland, Oudtshoorn)

Further Rollout of J&J Vaccine (Sisonke Programme)

- The number of vaccination sites will be increased from **four sites in tranche 1** to **seven sites in tranche 2**, with **seven sites** coming on board in **tranche 3**. Tranche 4 of the J&J allocation will be utilised to conduct mop-up vaccination activities for healthcare workers.
- Whilst vaccination sites will be established at designated facilities, these sites will service the **geographic catchment area** attached to the respective sites and **outreach** vaccination activities will be conducted in the **rural** districts.
- **Vaccine cards** have been printed and are being delivered to sites by CMD.

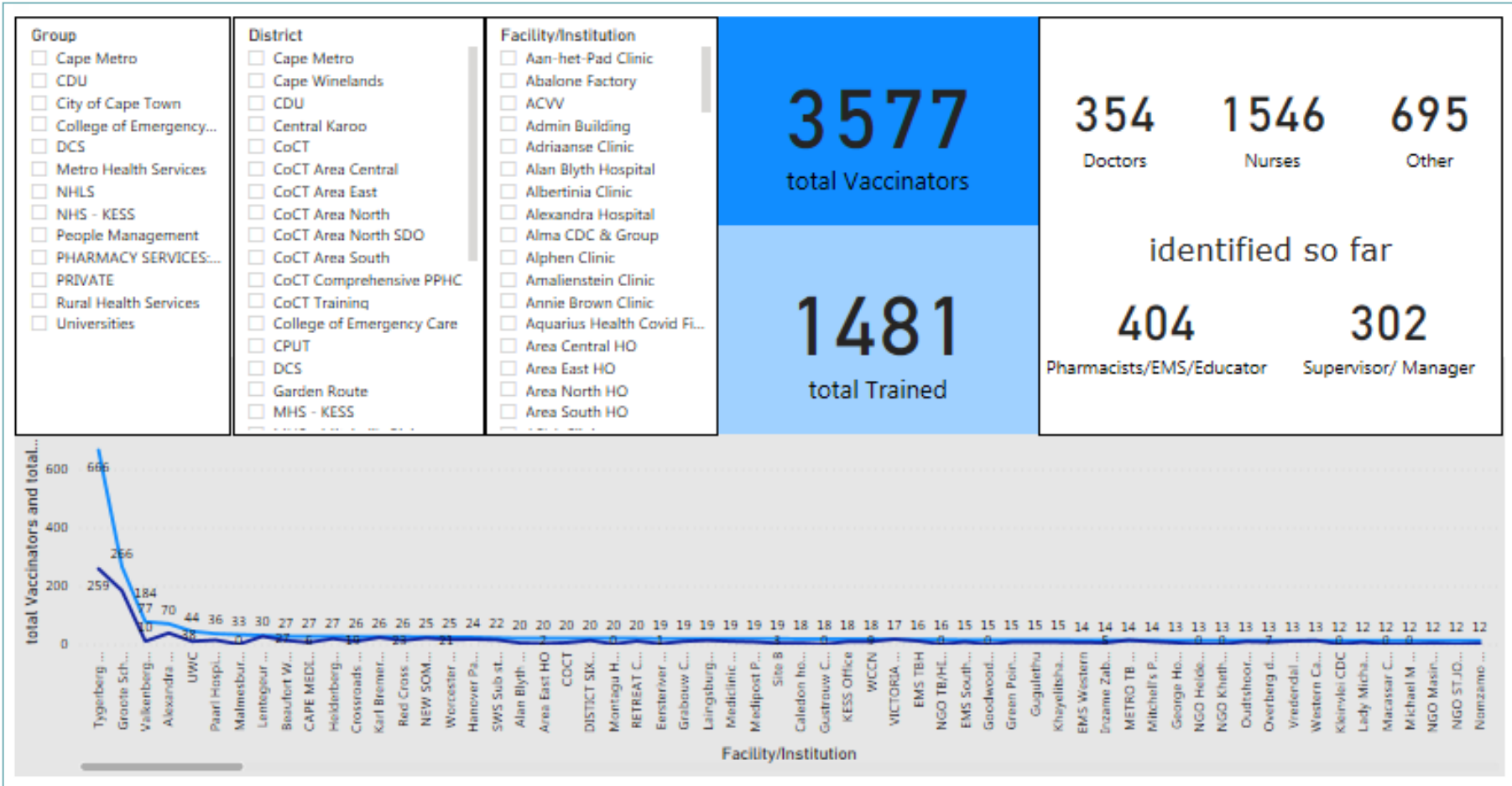
Ongoing Processes beyond the Sisonke Programme for Phase I



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Ongoing processes beyond the J&J Vaccine for Phase I



Planning for Phase II and III



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Global lessons from mass vaccination programmes

Lessons learned from Global COVID-19 Vaccination Programmes



**High-level
leadership and
commitment**



**Information
Systems—
appointment
system ;
Monitoring,
Reporting**



**Effective Comms
+ Citizen
Engagement:
Trust and buy-in
of citizens**



**Patient Centred,
Highly organised
and efficient
logistics**

Key Drivers of success in top-performing countries

Four Important Considerations

1. There is urgency to maximise the vaccination of the priority categories
2. An efficient delivery system
3. Contingency plans to procure additional vaccines
4. Prioritisation / Sequencing for the phase II

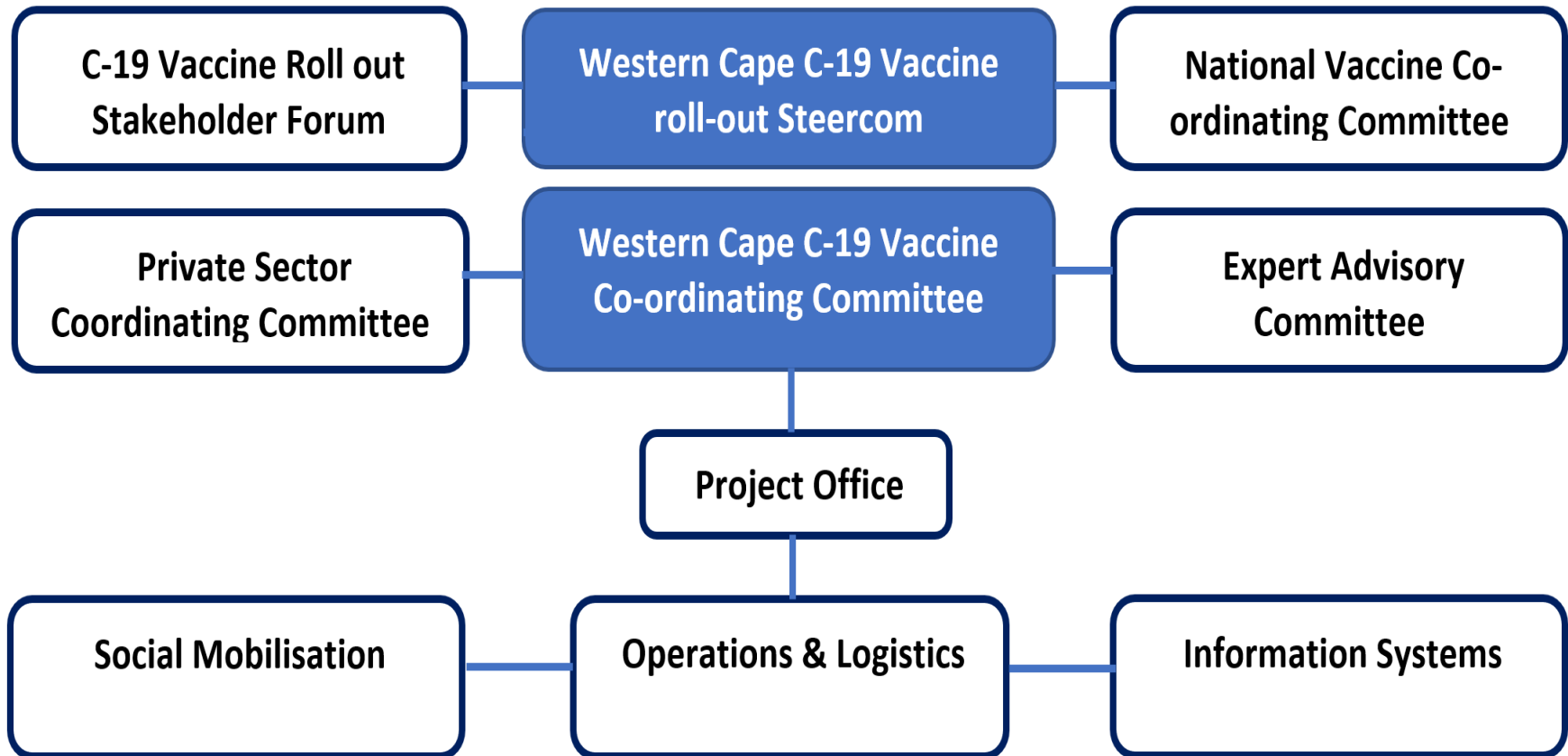
On Sequencing

- **Vulnerability owing to age**
- **Vulnerability to disease**
- **Essential Workers**

Sequencing Options for Phase II (with estimates)

Example of Phase 2 sequencing options		
Minimal initial group covering most elderly, age 60-69 with diabetes and age 18-69 with 3+ comorbidities	Elderly >70 years	284,891
	People age 60-69 years with diabetes or 3+ comorbidities	110,884
	People age 18-59 years with 3+ comorbidities	35,306
	TOTAL	431,081
Minimal initial group covering most elderly and age 18-69 with diabetes or 3+ comorbidities	Elderly >70 years	284,891
	People age 60-69 years with diabetes or 3+ comorbidities	110,884
	People age 18-59 years with diabetes or 3+ comorbidities	216,090
	TOTAL	611,865
Broader group covering all 60+ years plus all diabetics & people with 3+ comorbidities	Elderly >70 years	284,891
	People age 60-69 years	438,277
	People age 18-59 years with diabetes or 3+ comorbidities	216,090
	TOTAL	939,258
Broader group covering all 60+ years plus all with comorbidities	Elderly >70 years	284,891
	People age 60-69 years	438,277
	People age 18-59 years with any comorbidity	1,072,634
	TOTAL	1,795,802

Revised Governance arrangements for Phase II roll out



No of vaccination sites per district (WCGH + COCT)

District	No. of sites
Metro (WCGH + COCT)	154
Cape Winelands	56
Central Karoo	17
Garden Route	85
Overberg	25
West Coast	36
Central Hospitals	3
Other (CDU, WCBTS)	2
Total	378

CONCLUSIONS



THANK YOU



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