

iNFRASTRUCTURE South Africa

CESA KZN BRANCH PRESIDENTIAL FUNCTION

KZN DISASTER TECHNOLOGY ALIGNMENT PROGRESS UPDATE

22/06/2022

OUTLINE OF THE PRESENTATION

1

PURPOSE OF THE PRESENTATION

- Purpose and Project Objectives

2

DISCUSSION

- Strategic focus of the programme/project/intervention (Scope)
- Current stage and key developments

3

NEXT STEPS TO PROGRESS THE INTERVENTION/PROGRAMME/PROJECT

- Timelines to achieve target

4

CRITICAL SUCCESS FACTORS

5

ANNEXURES

- A Presidential War Room (PWR)

KZN DISASTER TECHNOLOGY ALIGNMENT PROGRESS



1. Purpose of the Presentation

To provide **a single-view on the disaster management** impact of the Floods in KZN April 2022, the extent of the damage and prioritization of response to enable current and future effective decision-making with a **proactive system** to achieve the following objectives:

- Coordinated Response
- Quality of Data
- Continuous and future monitoring
- Single view of Information

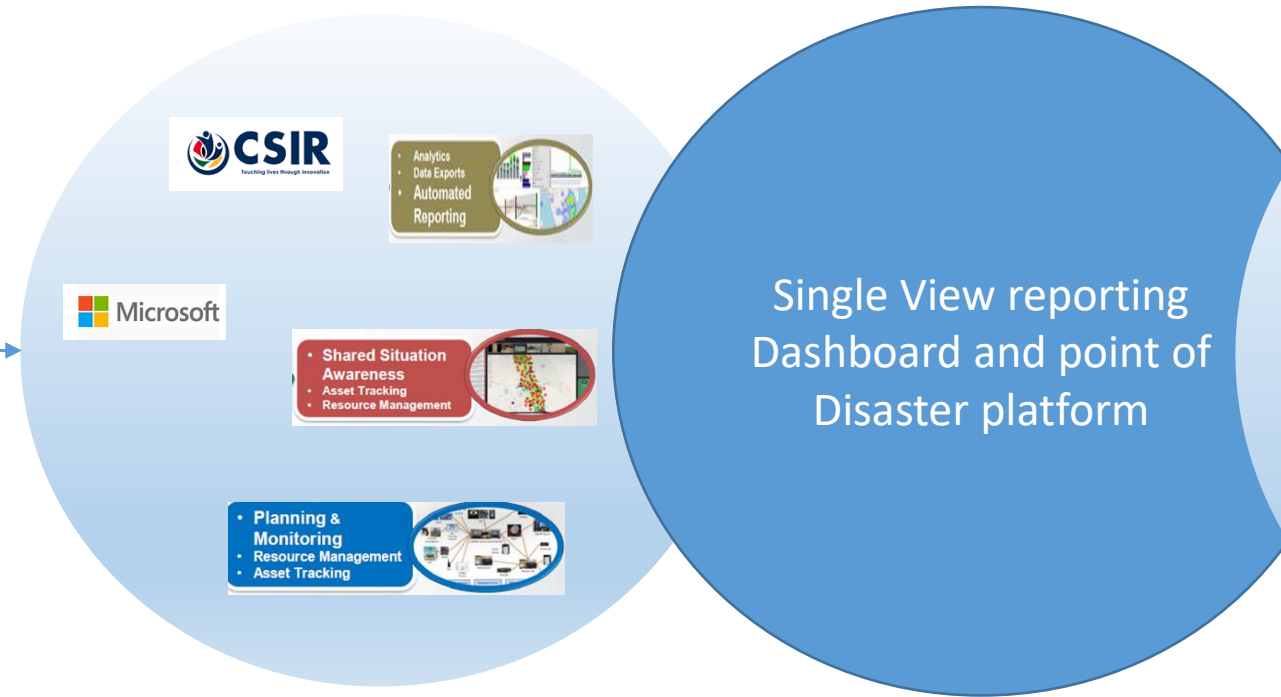
KZN DISASTER TECHNOLOGY ALIGNMENT PROGRESS



2. Discussion – Strategic Focus

DATA SOURCES

- New Data
- Geoscience
- Geospatial
- Flood Index
- Telco Data
- ESRI Data
- Municipal & Government Data
- ISA DATA



Cloud-based services

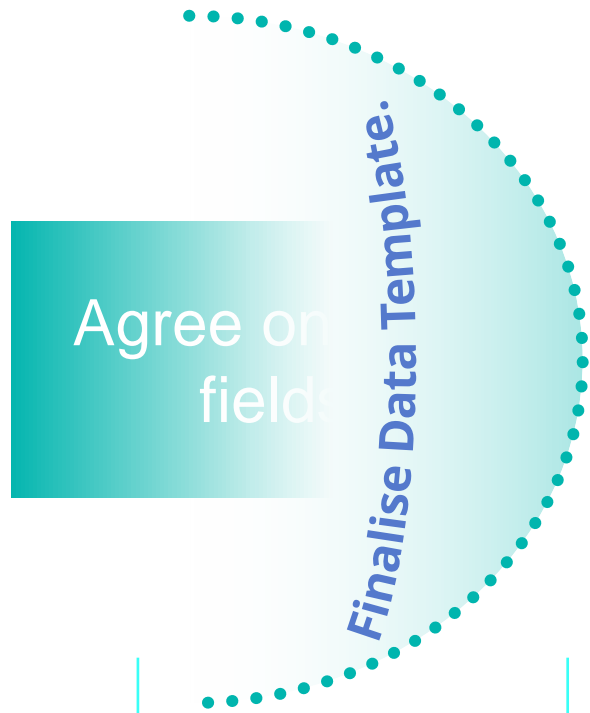
**Software Reporting Platform:
CMORE & Application Reporting
Dashboard**

**Infrastructure PWR
(Presidential War Room)
Platform**



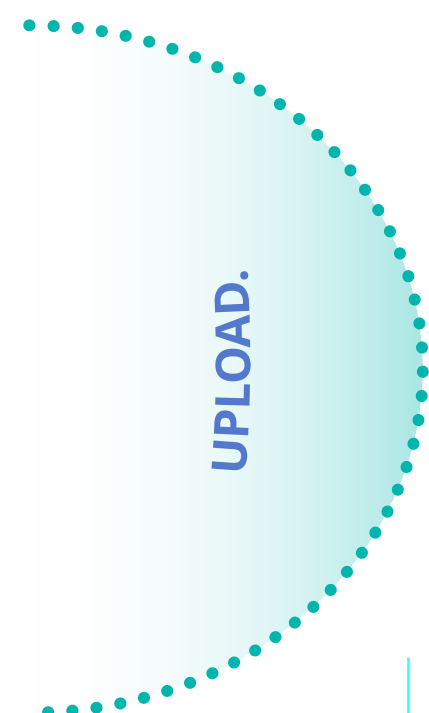
2. Discussion – Strategic & Operational Approach

1. STANDARD DATA TEMPLATE



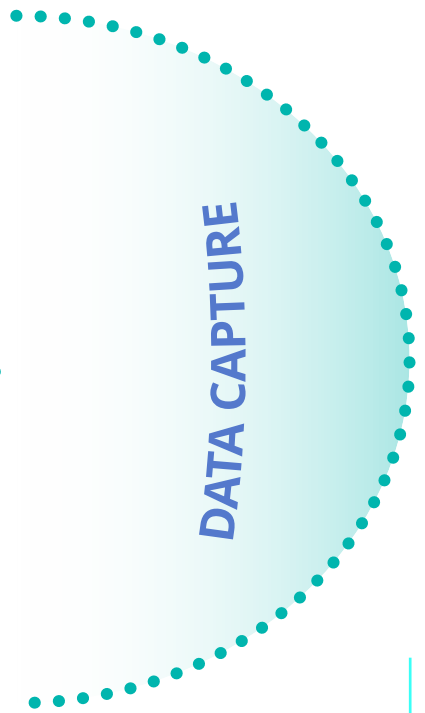
FINAL TEMPLATE AGREEMENT

2. LOAD IN CMORE



Upload DATA Sheet in CMORE.VIA CONFIG

3. DATA CAPTURE



SET UP DATA POINTS & COLLECT DATA FROM DATA POINTS



4. REPORT DASHBOARD



REPORT IN DASHBOARD



PROACTIVE ANALYSIS & CONTINUOUS IMPROVEMENT



2. Current Progress Summary

- ✓ **System data entry points** ready for data capture
 - CMORE web app and weblink per standard data template
 - Survey123 with ESRI from ISA
- ✓ **Data sources** already been uploaded:
 - Standard Data template
 - Geoscience point data ONLY
- ✓ **Partnerships:**
 - Microsoft alignment as a key assistant partner
 - Digital Council Africa (DCA)
- ✓ **Unlocking data classifications** with KZN COGTA and OTP – Work In Progress (WIP) & Buy in achieved in meeting on the 6th June, further engagements will continue.



3. Next Steps to progress on the Project

- Unlocking current data and classifications
 - Work in progress with KZN COGTA and OTP with engagement in progress
 - Other Government data
- Engagement** with other Data sources and Partners
 - Telcos & Flood index
 - SANSA
 - Other impacted entities
- CMORE Data Upload process**
 - Second tier Data – To display heat and visual maps
 - Load outstanding data points
- Revising the **system architecture** in alignment with CMORE and Microsoft to accommodate multiple data points as well data storage
- Confirm and **set up data points** to initiate Data collection process for CMORE
- Align and compliment the plan to include the PWR room infrastructure design and setup
 - Extension plan and tasks will be defined based on the 1st phase with current dependencies

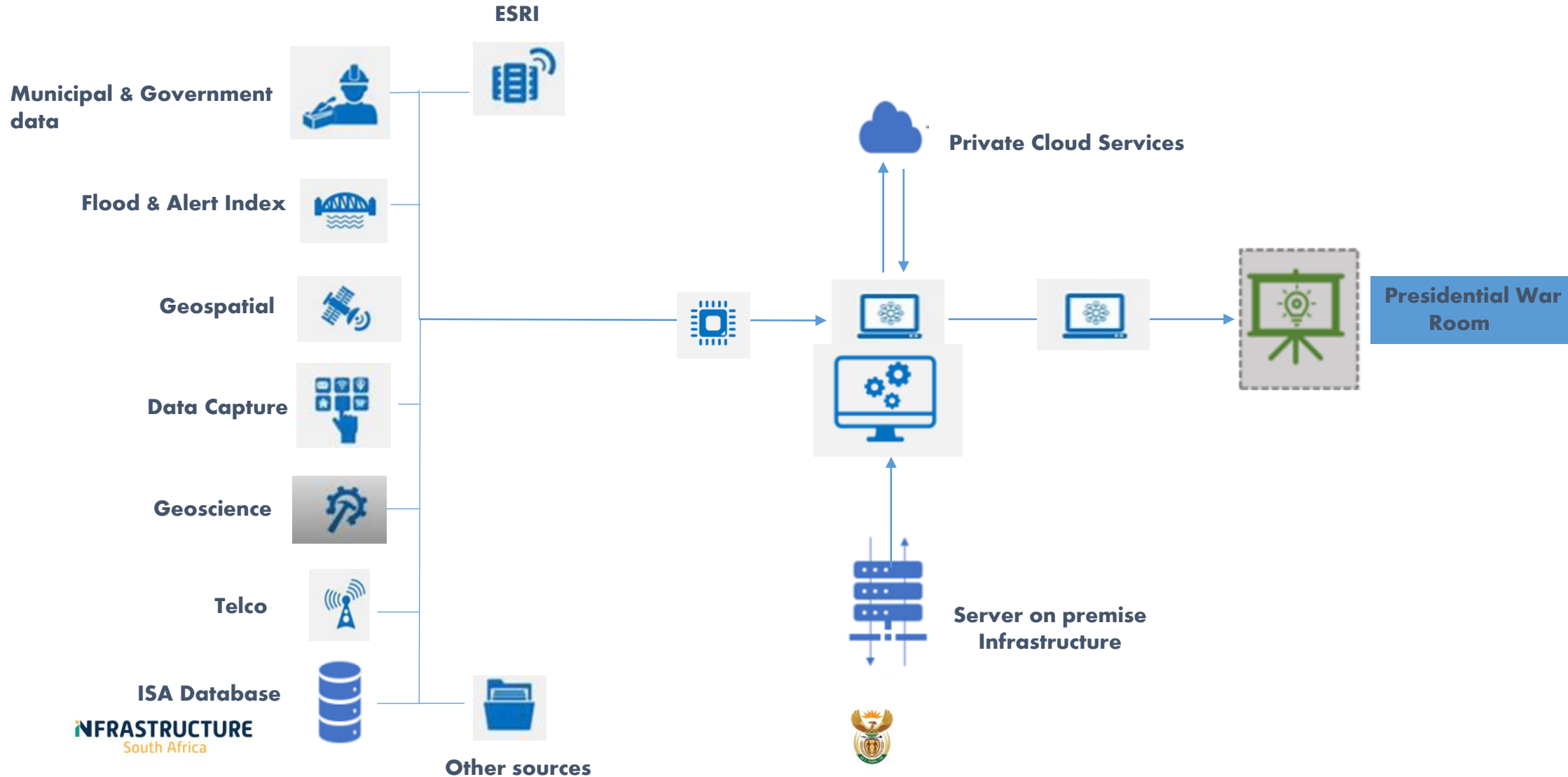
4. CRITICAL SUCCESS FACTORS



- Continue **buy in** will be required by ALL STAKEHOLDERS
- Increased **visibility of the Data sources** and increase partnerships where required
- Increased support on the new data capture points
- Key metrics and measurement for reporting at all levels
- Build on what we have already



5. PWR Context Scoping



Thank You

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