LESSONS LEARNED FROM THE UN-SPIDER TECHNICAL ADVISORY MISSION (TAM) TO KENYA

Presented at the UN/India workshop on the Use of
Earth Observation Data in Disaster Management and
Risk Reduction: Sharing the Asian Experience on 8th to
10th March, 2016 in Hyderabad, India
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OVERVIEW

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INTRODUCTION

Kenya approved a National Space Policy, Strategy and the establishment of the Kenya Space Agency on the 18th February, 2016

The Kenya National Space Secretariat (NSS), in 2013 requested for Technical Advisory Support

In 2014, 3rd to 7th March, UN-SPIDER carried out a Technical Advisory Mission to Kenya.

INTRODUCTION CONT'D

Kenya faces the risk of natural hazards e.g. flooding, landslides, fires, epidemics, etc

The Kenya Disaster Operation Centre, in 2009 developed a National Policy on Disaster Risk Management which is not yet approved

LESSON ONE

The following institutions in Kenya have an aspect of
 Disaster Management
1.Kenya National Space Secretariat (NSS)
2.National Disaster Operations Centre (NDOC), Ministry
of Interior and Coordination of National Government
3.Ministry of Devolution and Planning
4.National Drought Management Authority (NDMA)
5.Kenya Food Security Steering Group (KFSSG)

LESSON ONE CONT'D

6.Regional Centre for Mapping of Resources for Development (RCMRD)

7.Department of Resource Surveys and Remote Sensing (DRSRS)

8.Kenya Meteorological Services (KMS)

9.Kenya Defence Forces Disaster Response Unit (KDFDRU)

10.Water Resources Management Authority (WRMA)

11.IGARD Climate Prediction and Application Centre (ICPAC)

LESSON ONE CONT'D

10. Water Resources Management Authority (WRMA)

11. IGAD Climate Prediction and Application Centre (ICPAC)

12. Regional Disaster Management Centre Of Excellence (RDMCOE)

13. Famine Early Warning System Network (FEWSNET)

LESSON ONE CONT'D

14. Ministry of Health (MoH)

15. Survey of Kenya (SoK)

16. University of Nairobi (UoN)

17. Technical University of Kenya (TUoK)

18. Kenyatta University (KU)

19. Jomo Kenyatta University of Agriculture and Technology (JKUAT)

LESSON ONE CONT'D

20.United Nations International Strategy for Disaster Reduction (UNISDR)

21.Uited Nations Environmental Programme (UNEP)

22.United Nations Development Programme (UNDP)

23.Unoted Nations Office for the Coordination of Humanitarian Affairs (UNOCHA)

LESSON ONE CONT'D

24.United Nations Human Settlements Programme (UNHABITAT)

25.United Nations Operational Satellites Application Programme (UNOSAP)

26.UNITAR

27.World Food Programme (WFP)

LESSON ONE CONT'D

27. UNICEF

28. Food and Agriculture Organisation (FAO)

29. UNAIDS

30. IOM

31. USHAHIDI

32. ASI and ESA

LESSON TWO

The second lesson that we learned was that the country does not have capacity to use space based information What exists in various organisations and institutions is scattered and disjointed.
E.g, there is capacity in universities, DRSRS, KMS, RCMRD and at the UN entities.

LESSON THREE

- The third lesson that we learned was that the country urgently needs a coordinating body to create coordinated capacity to use space based information
- That is why there was concerted effort to have the Kenya Space Agency (KSA) established
- The approvals were made on 18th February, 2016

WAY FORWARD

- NSS/KSA has studied the report especially the findings and recommendations and has sought a budget to address them

- NSS/KSA will still need the assistance of the UN-SPIDER in capacity building

San Marco Launch platform

Location of San Marco Base in Malindi
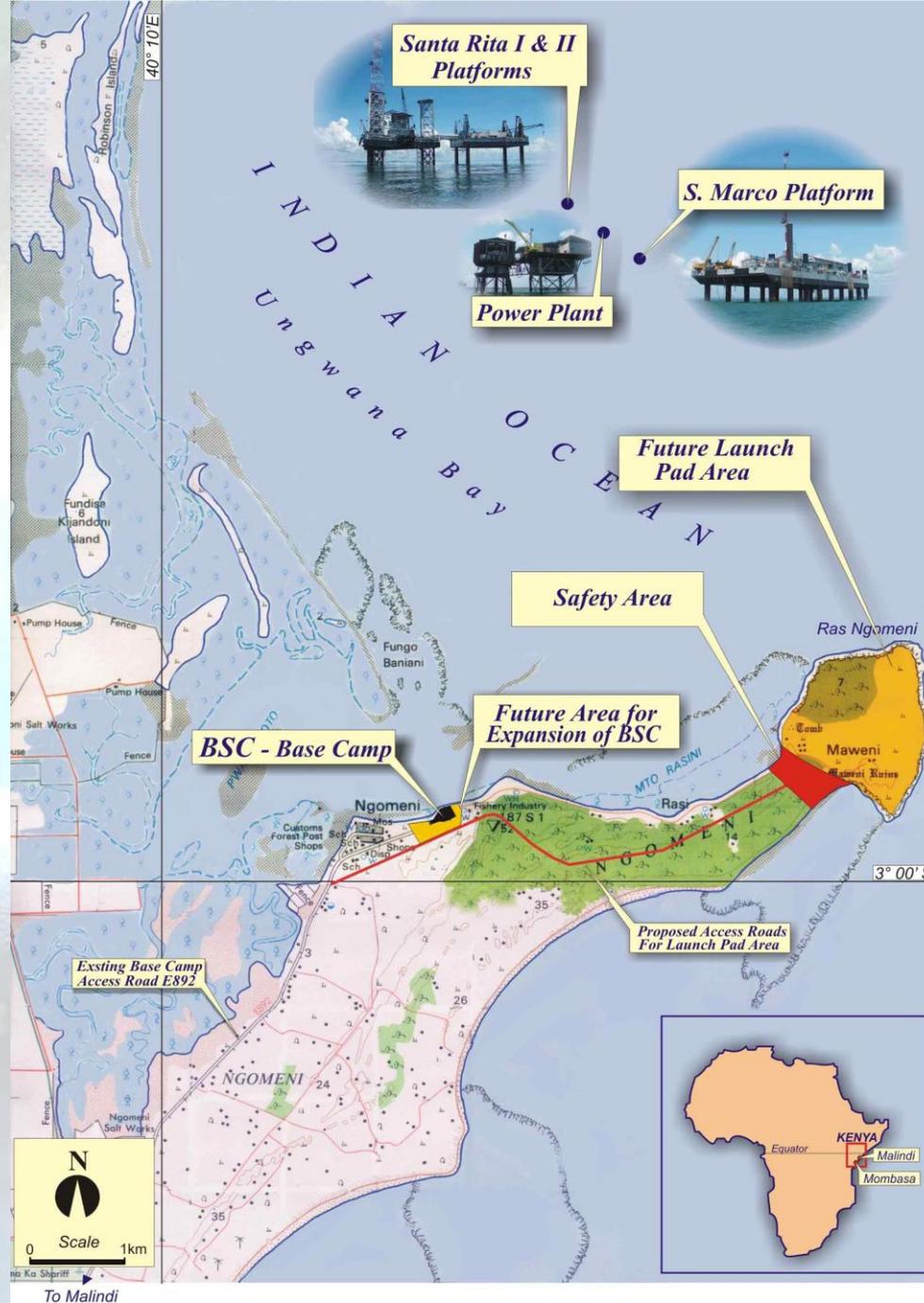
Fig. 1

CONCLUDING REMARKS

- We thank UN-SPIDER for conducting the TAM in Kenya and for this sponsorship.

- The Kenyan Government is keen to establish a vibrant indigenous Space program.

- The country is seeking international partners to implement the program.

CONCLUSIONS CONT'D

Kenya is excited to host the United Nations/Kenya Workshop on Space Technology and Applications for Wildlife Management and Protecting Biodiversity scheduled for 27-30 June 2016 in Nairobi

Thank You for Your Attention