

NEMISA 2023 DATA SCIENCE DATATHON

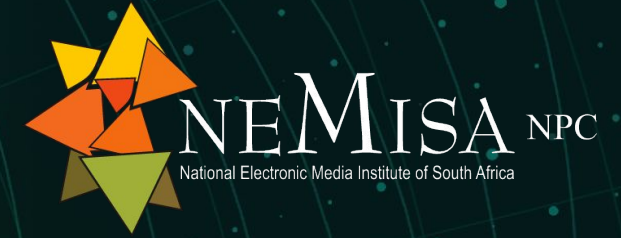
17 - 19 NOVEMBER 2023

BRIEFING WEBINAR

14 August 2023



THE TIMELINES



Briefing Webinar Event

14 August 2023

More information will be provided to registered and prospective applicants

Proposal submission deadline

16 September 2023, 23:59PM

Last day to apply and submit proposals for a team to participate at the datathon

Proposals screening

18 – 21 September 2023

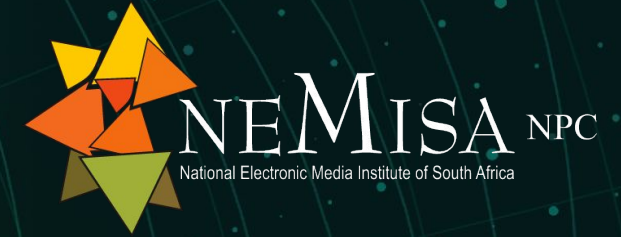
A panel will assess submitted proposals and select up to 10 submissions that best fit eligibility, themes and criteria.

Advanced Adjudication Committee

22 – 26 September 2023

A multi-sector committee will assess, review and evaluate screened proposals and select 2 per province.

THE TIMELINES CONT.



Selected Teams Informed

27 September 2023

The 18 teams that have been selected to participate will be informed with further information to attend in the datathon.

Design Thinking Workshop

07 October 2023

All the teams will be taken through a Design Thinking process to help refine the solutions proposed for the datathon.

Masterclasses

09 October – 16 November 2023

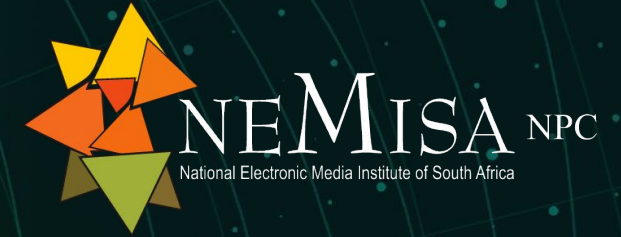
A series of technical Masterclasses will be conducted to impart knowledge and help teams prepare for the datathon.

Datathon Weekend

17 – 19 November 2023

Starting from 17 November, the teams will work on their solutions through the weekend with assistance from the mentors and present on the 19th of November.

SKILLS REFLECTION



Software / Hardware Developers: Skills in software development including web / mobile applications, visualisation dashboards creation and/or IoT solutions development

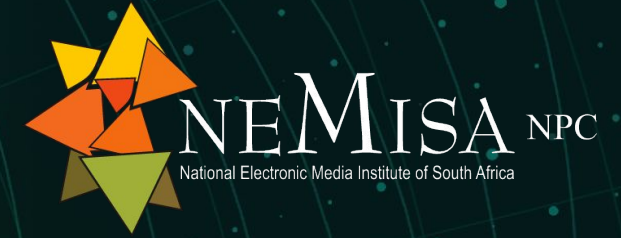
Data Analyst: Being able to work with data, analysis, manage or data science related practice

Business Analysis: With project management / understanding of processes / intelligence

Entrepreneurs: Innovations / tech / digital economy practitioners / market intelligence leads

Sector Practitioners: In relation to the themes outlined to provide insights and/or a user group role.

COMMUNICATION TIMELINES

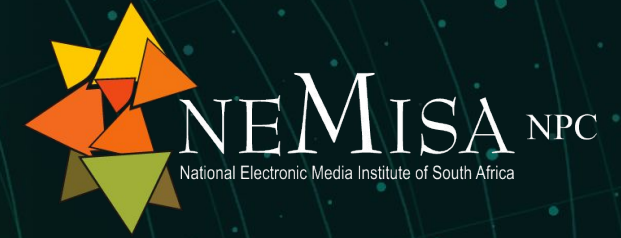


#	Communication Need	Date of Action	Lead
1	Post Registration	Continuous until 16 September 2023	Geekulcha
2	Join briefing webinar	08 August 2023	Geekulcha
3	Calendar invite to briefing webinar	14 August 2023	NEMISA
4	Post webinar email	15 August 2023	Geekulcha
5	Proposal submission reminder	13 September 2023	Geekulcha
6	Post-submission guidance	18 September 2023	Geekulcha
7	Successful teams informed	21 September 2023	Geekulcha
8	Calendar invites to Masterclass sessions will sent	21 September 2023	NEMISA

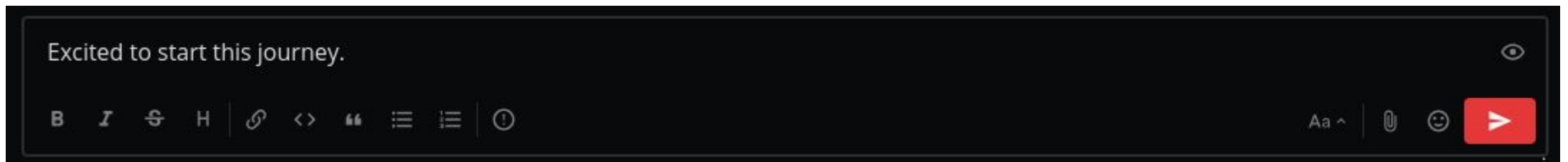
SONKE WORKSPACE



PLATFORM WALKTHROUGH



1. Introduce yourself, where you are from and your skill sets
2. Create a channel to communicate effectively
3. New messages will appear in bold
4. Discuss each other's strengths to determine how your skills will complement each other
5. Ask questions to the organizing team to stay in line
6. Start a video call



SUBMISSION COMMAND

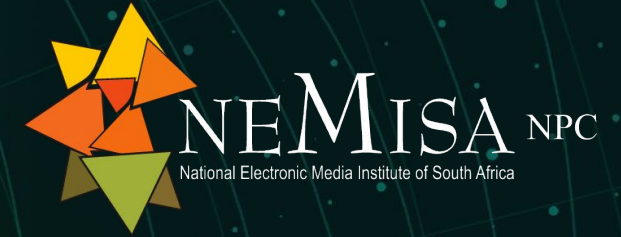


/nemisa submit

PROPOSAL SUBMISSION PROCESS



PROPOSAL TEMPLATE



1. Introduction

What is the solution about? Also indicated the theme(s) chosen.

2. Approach in Implementation

How will the work on the solution.

3. Technologies to be used

Programming languages, APIs, frameworks, libraries and other tech to be used. How will they be used

4. User Interfaces

List and describe all the hardware or software interfaces that the end user will interact with

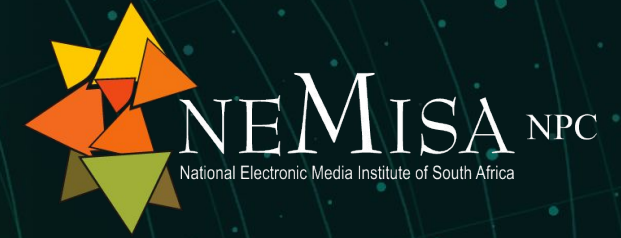
5. Project Team

All the members and their roles on the project

6. References

List all the references you have formulated your solution against

Criteria to Use



#	Criterion	Description
1	All the requirements reflected	The proposal is reflecting all the aspects of submission requirements have been met; Sufficient effort has been put in the writing of the proposal.
2	Technological feasibility	The has done through research of the technologies and has an understanding of how the solution would be developed
3	Theme alignment	Does the proposed solution align with the main themes or the sub themes of the datathon?
4	Team skill sets reflection	Skills of the team compliment each other including a reflection of software development, data science / analytics, business analysis / project management