



SHIKAMOTO

2nd Summit on Community Networks in Africa 2017

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MEDIA MONITORING
• • • • • **AFRICA**


ABOUT MMA

- MMA is a non benefit trust, established in 1993 to monitor South Africa's first democratic elections, MMA has over 20 years' experience in media monitoring and direct engagement with media, government, civil society organisations and citizens;
 - MMA is the only independent organisation that analyses and engages with media according to this framework. In all of our work, we seek to demonstrate leadership, creativity and progressive approaches to meet the changing needs of the media environment.
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ABOUT MMA

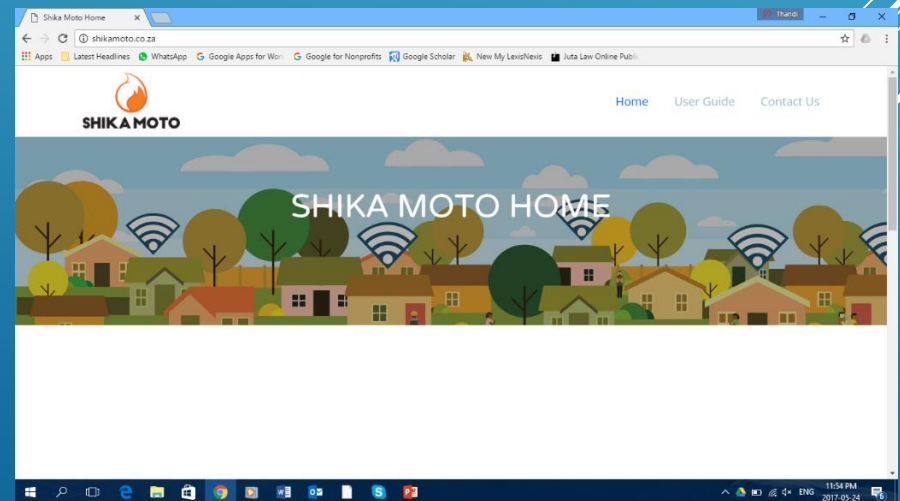
- MMA's vision is a just and fair society empowered by a free, responsible and quality media. Through a human rights-based approach, MMA aims to promote the development of:
 - Media that is transparent, diverse, ethical and accountable to its audiences;
 - Critical and constructive communications by the powerful, and;
 - Informed, engaged and connected citizenry.
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WHY COMMUNITY NETWORKS?

- Our goal is to help build an informed and engaged citizenry. This cannot be achieved without access to information;
 - MMA believes the Internet, considered a facilitative right, is a tool for effective participation and democratisation;
 - We need to ensure that everyone is connected and the Internet stays a tools for equality;
 - Technology to meet a need not solution in itself;
 - For MMA - large focus on content and access to communication.
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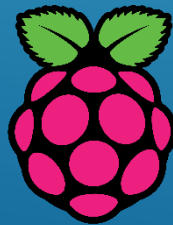
WHAT IS SHIKA MOTO?

- Three elements: Shika Moto (local site), Shika Jabber, Shika Share;
 - Unlimited free text messages;
 - Share pictures, files or documents;
 - Community driven website;
 - Post adverts;
 - Latest news and events in the community
 - Access to white listed websites
 - Sharing / re-selling data for more affordable Internet access
- Focus on community skills development
- Community ownership of the network with technical support



WHAT IS SHIKA MOTO – THE TECH

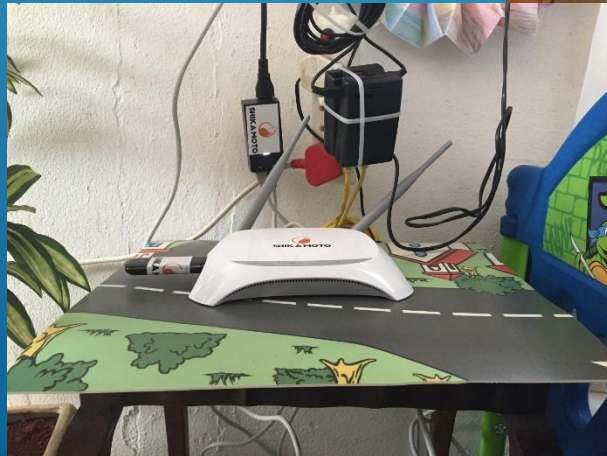
- Mesh network made up of router, raspberry pi's, base nodes and a master node (Ubiquiti Pico).
- Current system extends 3 – 5 km;
- Base nodes approx. 500m apart;
- Shika Share variations in hardware – detailed presentation to follow.




RaspberryPi



CURRENT SHIKA MOTO PROJECTS



CURRENT SHIKA MOTO PROJECTS

- Barriers:
 - Power source issues (lack of electricity etc.)
 - System needs to be shaped to address needs of community
 - Digital literacy
 - Licensing and regulations
 - Cost of access
 - Opportunities:
 - Realising importance of Shika Share
 - Shika Share becoming incentive to Shika Moto
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Thank you

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