



SANSA NEOFRONTIERS

INCLUSIVE INNOVATION ALWAYS

ABIRI INNOVATIONS

ABOUT US

WE PROVIDE INTEGRATED LIVESTOCK TRACKING AND MONITORING SOLUTIONS FOR RURAL HOUSEHOLDS AND SMALLHOLDER FARMERS TO PROTECT THEIR ANIMALS AGAINST THEFT AND DISEASES. WE ARE AT THE FINAL STAGE OF FIELD TESTING OUR TRACKING DEVICE. WE GENERATE REVENUE THROUGH SUBSCRIPTION MODEL AND ONCE-OFF INSTALLATION FEE.



PROGRESS NEOFRONTEIRS MILESTONES

1

REFLECTIVE COLLAR BELTS

Creating reflective collar that will reduce road accidents on rural roads.

2

LESHAKA TRACKING DEVICE

Creating more prototypes for our tracking devices and detailed field testing.

3

DATA COLLECTION & INSIGHTS

Collecting crucial data through field testing process in order to iterate the device for mass-production

ABIRI INNOVATIONS







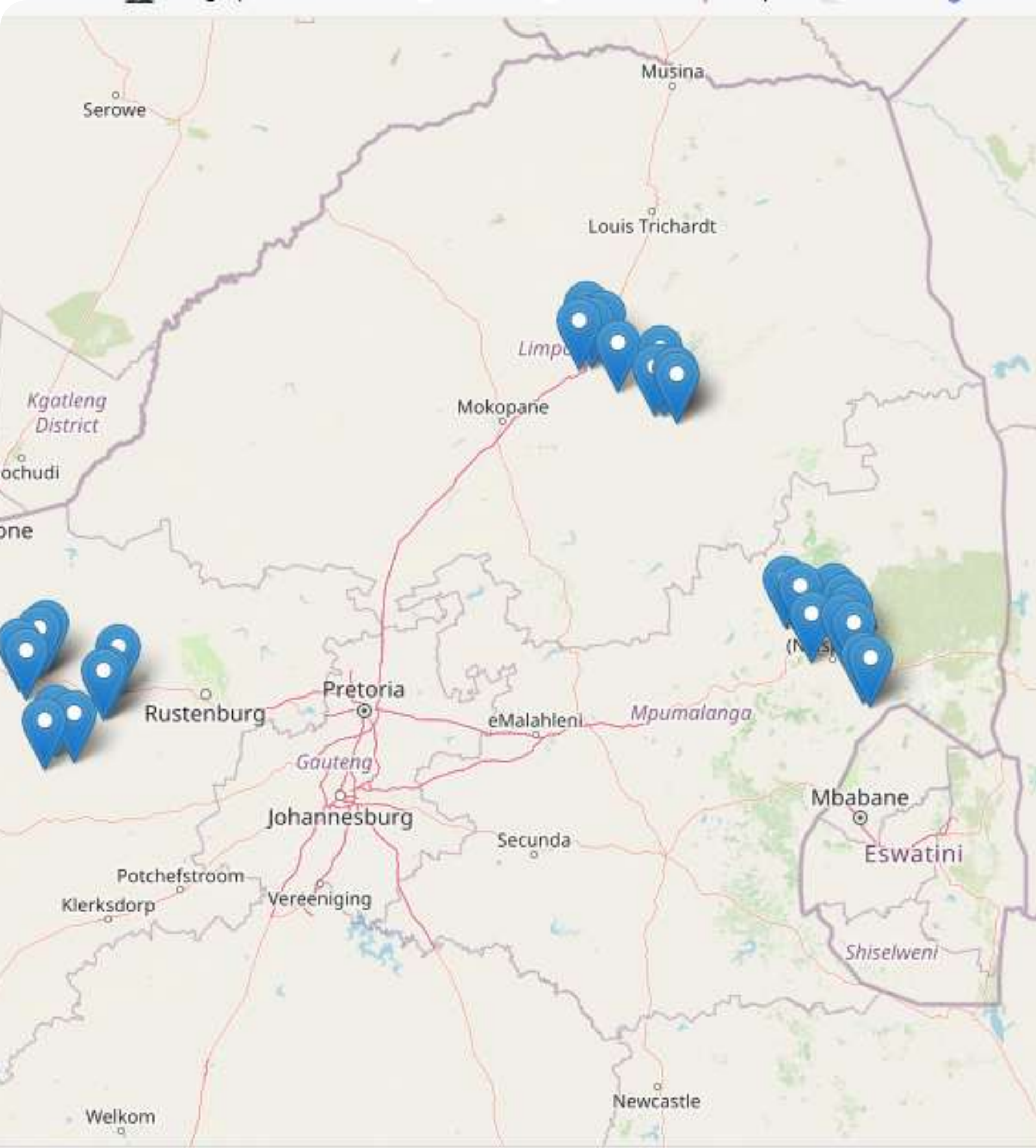
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ABIRI Livestock Tracker - GPS Report

Limpopo Province - GPS Readings

1. Time: 06:30:21, Temp: 20.1°C, Lat: -23.918383, Lon: 29.460833, Village: Senwabarwana, Speed: 0.0 km/h, Voltage: 3.3V
2. Time: 07:05:55, Temp: 21.7°C, Lat: -24.179423, Lon: 30.033127, Village: Lesodi Motlana, Speed: 0.9 km/h, Voltage: 3.28V
3. Time: 08:00:02, Temp: 19.9°C, Lat: -24.164575, Lon: 29.975705, Village: Ga-Mashashane, Speed: 0.0 km/h, Voltage: 3.26V
4. Time: 08:42:33, Temp: 22.5°C, Lat: -23.876702, Lon: 29.612402, Village: Botlokwa, Speed: 1.1 km/h, Voltage: 3.27V
5. Time: 09:13:49, Temp: 23.0°C, Lat: -23.904970, Lon: 29.543519, Village: Sebayeng, Speed: 0.0 km/h, Voltage: 3.29V
6. Time: 10:05:18, Temp: 21.3°C, Lat: -24.040718, Lon: 29.698002, Village: Zebediela, Speed: 0.0 km/h, Voltage: 3.3V
7. Time: 10:45:12, Temp: 25.0°C, Lat: -23.822002, Lon: 29.511833, Village: Ga-Molepo, Speed: 0.5 km/h, Voltage: 3.28V
8. Time: 11:10:39, Temp: 24.7°C, Lat: -24.062000, Lon: 29.951852, Village: Mahwelereng, Speed: 0.0 km/h, Voltage: 3.33V
9. Time: 11:45:05, Temp: 23.2°C, Lat: -24.166665, Lon: 29.911090, Village: Mokopane, Speed: 0.0 km/h, Voltage: 3.31V
10. Time: 12:20:00, Temp: 22.4°C, Lat: -24.206868, Lon: 30.048147, Village: Tshamahansi, Speed: 1.0 km/h, Voltage: 3.29V

Mpumalanga Province - GPS Readings

1. Time: 06:45:10, Temp: 19.4°C, Lat: -25.348998, Lon: 30.983168, Village: Marite, Speed: 0.0 km/h, Voltage: 3.34V
2. Time: 07:18:02, Temp: 20.5°C, Lat: -25.401700, Lon: 31.046225, Village: Thulamahashe, Speed: 1.1 km/h, Voltage: 3.32V
3. Time: 07:55:28, Temp: 21.7°C, Lat: -25.453520, Lon: 31.077722, Village: Rolle, Speed: 0.0 km/h, Voltage: 3.36V
4. Time: 08:33:55, Temp: 23.1°C, Lat: -25.511683, Lon: 31.035000, Village: Mkhuhlu, Speed: 0.9 km/h, Voltage: 3.3V
5. Time: 09:10:10, Temp: 24.5°C, Lat: -25.547983, Lon: 31.098650, Village: Hazyview, Speed: 0.0 km/h, Voltage: 3.33V
6. Time: 09:50:49, Temp: 22.8°C, Lat: -25.716517, Lon: 31.160017, Village: Masoyi, Speed: 0.0 km/h, Voltage: 3.31V
7. Time: 10:18:18, Temp: 23.4°C, Lat: -25.739968, Lon: 31.205092, Village: White River, Speed: 1.2 km/h, Voltage: 3.34V
8. Time: 10:52:00, Temp: 24.1°C, Lat: -25.505017, Lon: 30.849983, Village: Bushbuckridge, Speed: 0.0 km/h, Voltage: 3.32V
9. Time: 11:25:32, Temp: 23.6°C, Lat: -25.355550, Lon: 30.779817, Village: Acomhoek, Speed: 0.0 km/h, Voltage: 3.3V
10. Time: 12:00:00, Temp: 21.9°C, Lat: -25.316667, Lon: 30.700000, Village: Dwarsloop, Speed: 0.0 km/h, Voltage: 3.35V

North West Province - GPS Readings

1. Time: 06:55:10, Temp: 20.2°C, Lat: -25.805002, Lon: 26.631460, Village: Mogwase, Speed: 0.0 km/h, Voltage: 3.31V
2. Time: 07:20:45, Temp: 21.4°C, Lat: -25.799983, Lon: 26.653352, Village: Ledig, Speed: 0.88 km/h, Voltage: 3.29V
3. Time: 08:00:32, Temp: 22.7°C, Lat: -25.679390, Lon: 26.718500, Village: Moruleng, Speed: 0.0 km/h, Voltage: 3.3V
4. Time: 08:34:01, Temp: 24.0°C, Lat: -26.033350, Lon: 26.449835, Village: Rustenburg, Speed: 0.0 km/h, Voltage: 3.27V
5. Time: 09:15:22, Temp: 23.6°C, Lat: -26.078333, Lon: 26.280055, Village: Phokeng, Speed: 1.0 km/h, Voltage: 3.3V
6. Time: 09:52:55, Temp: 22.3°C, Lat: -26.009252, Lon: 26.348167, Village: Botetong, Speed: 0.0 km/h, Voltage: 3.28V



CONCLUSION

1

ICASA TYPE REGISTRATION

The next phase for Abiri Innovations to conclude ICASA Type Registration for its device.

2

IP & MASS-PRODUCTION

The 15 prototype devices will enable us iterate where needed and commence with mass-production.

3

SPECIAL THANKS TO OUR PARTNERS

We would to thank SANSA and Tuksnovation

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