

Digital Earth
AFRICA

DE Africa Quarter 2 Program Report

Q2 - July– Sept 2026

icipe
The TROpical Insect Science Institute

Table of Contents

1. About Digital Earth Africa
2. Executive Summary
3. Highlights for the Quarter
4. Key Updates
    - Program Delivery
    - Monitoring, Evaluation and Learning (MEL)
    - Partnerships
    - Science and Technology
    - User needs and In-country engagement
    - Capacity Development
    - User Engagement and Uptake
    - Demonstrating Impact
5. Implementation Progress At A Glance

About Digital Earth Africa

Digital Earth AFRICA

icipe
The TROpical Insect Science Institute

Our vision

Digital Earth Africa (DE Africa) provides reliable Earth observation services, offering decision-ready products to help address social, environmental, and economic challenges while promoting innovation across sectors.

Our mission

DE Africa processes open data to create decision-ready products, addressing Africa's challenges by working with the AfriGEO community and building on existing capacity to use Earth observations effectively.

Livelihood strengthening

Enhance informed decision-making across government and sectors, delivering both direct and indirect benefits to individuals and communities.

Digital transformation is advanced

Drive the evolution of Africa's digital economy by promoting industry uptake and fostering innovations.

Economic development and job creation

Facilitate new business development and employment opportunities by providing access to data for commercial products and services.

Development activities are more effective

Enhance understanding of development challenges and solutions to strengthen collective impact and assess progress toward national priorities, the African Union's Agenda 2063, and the UN SDGs.

Enhance and scale regional activities across Africa.

Empower climate action by developing in-country knowledge and skills.

Serve an audience that meets our diversity and inclusion strategy.

Ensure sustainable governance and deepen key partnerships.

Program Outcomes

Digital Earth AFRICA

icipe

OUTCOME 1: Sustainment

DE Africa is on-track to be sustained in Africa (technically, operationally and financially), with key African stakeholders invested to achieve this end-point

Strengthening Governance & Program delivery

Stakeholders maintain confidence in DE Africa's governance, operations, and transparency

Enabling Partnerships

African governments and regional institutions support DE Africa's shift toward financial sustainability, recognizing its value and operational impact

Sustainment and Business Model Development

Developing a cross-sector business model to diversify revenue, sustain operations, and secure funding beyond Phase III

Science and Technology

DE Africa's science and technical platform remains a robust, world-leading capability, responsive to Africa's needs

OUTCOME 2: Uptake and Impact

DE Africa information is consistently used by key stakeholders - governments, communities, private sector and individuals, to drive environmental, social and economic impacts

User needs/in-country engagement

Customizing DE Africa services for in-country needs like food security, connecting with end-users via partners and communities

Capacity Development

Development of tailored training materials to support diverse users, from decision-makers to in-country specialists, in utilizing DE Africa's products

User Engagement/Uptake

Rapid growth in uptake of DE Africa services including the Map and the Sandbox, and direct use of DE Africa services

Demonstrating impact

DE Africa services empower community decision-making, improve lives, and support African governments in using data for policy and action

Cross-Cutting

Diversity and Inclusion | **Communications and PR** | **Monitoring, Evaluation and Learning** | **Benefits Realisation** | **Risk Management**

Executive Summary

From July to September 2026, implementation of the 2026 workplan was characterised by continued institutional alignment with *icipe*, strengthened governance and operational processes, and sustained progress across science, technology, partnerships, country engagement, capacity development, and program sustainment.

Governance and oversight progressed through the successful convening of TAC and IAB meetings, alongside the commencement of the Governance Review Process. Operational integration continued through strengthened risk management, MEL, CASPIO, reporting, and user-support processes, supporting greater alignment with *icipe* systems and procedures.

Science and technology activities advanced through continued development of scientific workflows, analytical notebooks, datasets, pipelines, and platform infrastructure. Progress included drought monitoring, pest and disease risk modelling, water and environmental applications, new Sentinel data pipelines, platform upgrades, and improvements to user-facing tools and documentation. A major milestone was achieved with the creation of a new AWS organization structure for icipe, and migration of the DE Africa accounts to this.

The program continued to strengthen its partnership ecosystem through engagement with GEO, ESRI, AWS, AGRHYMET, CSE, and African institutions, while sustainment planning advanced through completion of the independent business model review, development of a Sustainment Plan, and recruitment of a dedicated business development role.

Country-level engagement expanded across Africa through a range of technical consultations, institutional partnerships, capacity-building activities, and use case development, supporting applications of DE Africa services in agriculture, water resources, climate resilience, biodiversity, environmental monitoring, urbanisation, and food security.

Capacity development and communications activities continued to strengthen awareness, practical skills, and uptake of DE Africa services. Training reached 521 participants across government institutions, universities, researchers, development organisations, and other stakeholders, while communications activities reached 161,540 people through use-case stories, media coverage, digital engagement, and direct stakeholder communications.

Overall, the quarter reflects continued momentum in program delivery and institutional integration, with increasing focus on strengthening governance and operational systems, expanding user uptake and practical applications, and establishing the foundations for the long-term sustainability of Digital Earth Africa.

Highlights for the Quarter

Digital Earth AFRICA

icipe
The TROpical Insect Science Institute





Digital Earth
AFRICA

Key Updates

OUTCOME 1: Sustainment

DE Africa is on-track to be sustained in Africa (technically, operationally and financially), with key African stakeholders invested to achieve this end-point

Program Delivery

Governance and Oversight

Governance and oversight activities during the quarter focused on strengthening program governance structures, supporting institutional alignment with *icipe*, and progressing the Governance Review Process. The Technical Advisory Committee (TAC) meeting was held on 11 August, following preparatory engagement with the TAC co-chairs, while preparations for the seventh IAB meeting progressed during the quarter. The IAB meeting was subsequently held on 2 September 2026, with actions captured for follow-up.

The Governance Review Process formally commenced during the quarter, with a phased review approach and milestone plan established. Phase 1 focused on assessing existing DE Africa governance structures and documentation, alongside a review of *icipe* governance policies and arrangements for hosted programmes. A dedicated task team was established to support the review.

Risk management processes also continued to be strengthened. The Quarterly Risk Review Committee meeting was held on 22 September, reviewing key program risks and actions arising from the IAB meeting. The Strategic Risk Register was updated to Version 17, supported by updated Risk Notes.

Program planning and reporting processes continued to be aligned following the transition to *icipe*, including revision of workplan activities. Q1 reporting queries were closed, with six activities remaining On Watch and three Not Delivered and continuing to be monitored through Q2. Governance and operational coordination was supported through regular meetings and follow-up of agreed actions.

Monitoring, Evaluation and Learning

The MEL team continued regular coordination and monitoring activities during the quarter, with progress made on the MEL Mid-Term Report and tracking portal updates. Programme data was consolidated and assessed against the 2026–27 Annual Workplan and Phase III targets. The MEL Mid-Term Report was developed during the quarter, with finalisation and submission targeted for October 2026.

Program Delivery

Diversity, Inclusion and Equity (D&I)

D&I principles continued to be integrated across program activities, particularly capacity development, stakeholder engagement, and program delivery.

Systems and Operational Tools

CASPIO development continued during the quarter, with progress on User Engagement and Capacity Development functionality to strengthen program data management, monitoring, and reporting. Validation of automated statistics against historical reporting continued during September to ensure accuracy, consistency, and continuity of the baseline. Relevant User Engagement statistics will be progressively captured and reported through CASPIO, with validation and finalisation of the User Engagement reporting SOP to continue into the next reporting period.

Operations and Program Management

Operational activities focused on strengthening integration with *icipe* and program processes. This included operational training, development of a Travel Booking SOP, revision of the Agreement Drafting SOP, quarterly coordination across functional teams, and continued strengthening of user-support systems. The new User Engagement and Capacity Development Lead, Dr Mohamed Rajhi, commenced employment on 1 September 2026, with onboarding and induction activities undertaken to support his integration into the team and familiarisation with DE Africa's operations, systems, and priorities.

MEL Quarterly Results

Digital Earth AFRICA

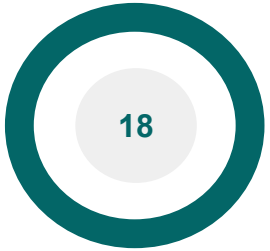
Diverse, operational Interim Advisory Board and Technical Advisory Committee, with meetings occurring regularly

Target = Not defined
Number of women IAB and TAC members



Status: On track
IAB - 3 (33%)
TAC - 3 (18.75%)

Target = Not defined
Number of African countries represented at IAB and TAC



Status: On track
IAB - 7
TAC - 11

Target = Not defined
Number of languages of IAB and TAC members



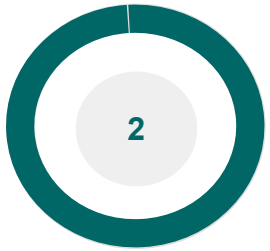
Status: On track
IAB - 4
TAC - 2

Target = Not defined
Age range of IAB and TAC members



Status: On track
IAB: 36 - 44 = 20%; 45 - 54 = 20%; 55 - 64 = 40%; unknown = 20%
TAC: 35 - 44 = 33%; 45 - 54 = 50%; 65+ = 17%"

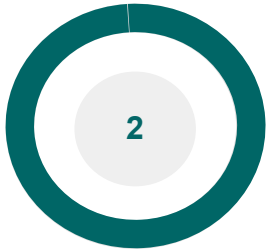
Target = 4
Number of IAB meetings hosted annually



Status: On Track
1 IAB meeting held this quarter

The TROpical Insect Science Institute

Target = 4
Number of TAC meetings hosted annually



Status: On Track
1 TAC meeting held this quarter

PMO leading the effective implementation of DE Africa, including robust planning, reporting, financial management, and administration

Target = 1 every 5 years
Long-term strategy implemented



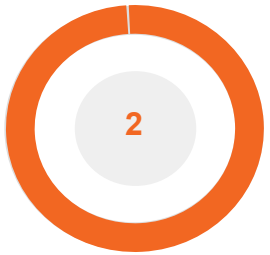
Status: On Track
To be developed once Sustainment Plan is approved

Target = 1
Approved annual work plan



Status: Complete
2026/27 workplan approved in Q1

Target = 4
Number of quarterly reports developed annually



Status: On track
Q2 report in draft

Target = 1
Annual report developed annually



Status: Complete
2025/26 complete and published in Q1

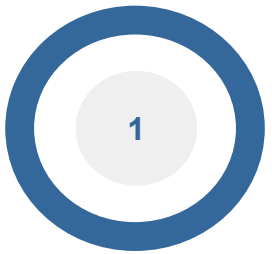
Target = 1
Financial statements developed annually



Status: Complete
2025/26 financial statement submitted in Q1

Cross sector business model implemented

Target = 1
Cross sector business model implemented



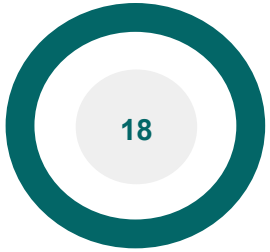
Status: On Track
Sustainment Model Development Underway

MEL Quarterly Results

Digital Earth AFRICA

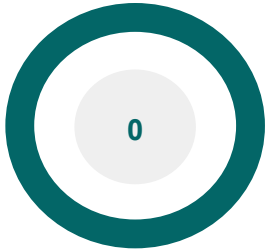
Development of new products as per Technical Roadmap

Target = 120 by 2028
142 use cases supported by end 25/26



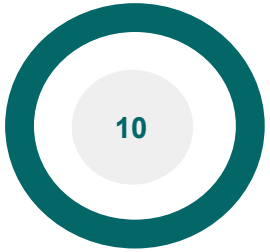
Status: On track
18 use cases supported in Q2

Target = 5 by 2028
54 external datasets delivered by end 25/26



Status: On Track
0 datasets made available in Q2

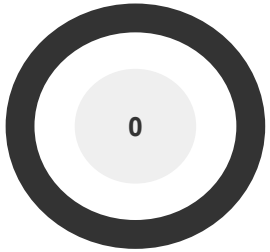
Target = 150 by 2028
181 new notebooks developed by end 25/26



Status: On Track
10 new notebooks developed in Q2

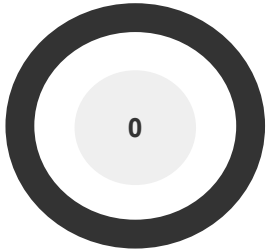
Partnerships with governments, learning institutions, and industry

Target = not defined
collaborations with Industry or Other sector organisations established



Status: On track
5 established by end 25/26

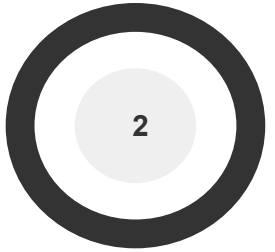
Target = 10
partnerships with African governments formed



Status: On track
4 established by end 25/26

The TROpical Insect Science Institute

Target = 10
partnerships with learning institutions



Status: Off track
1 established by end 25/26

African governments and institutions are utilising DE Africa services and systems

Target = not defined
new governmental representatives accessing DE Africa data and services



Status: On track
140 government users accessed by end 25/26

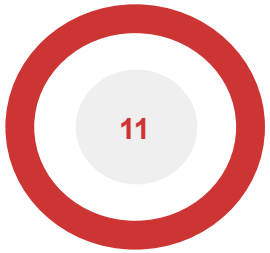
Target = None
use cases supported from African governments and institutions



Status: On track
142 supported by end 25/26

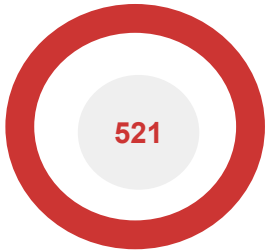
Capacity building programs conducted for diverse trainee base

Target = 5+/annum
capacity building programs implemented



Status: On track
136 conducted by end 25/26

Target = 50/annum
capacity building program attendees



Status: On track
521(200F; 321M) attended during Q1

Content showcasing benefit to DE Africa users

Target = 32/annum
use cases and user profiles developed and published

Status: On Track
5 user profile ,3 use cases and 1 article published in Q2

Target = 5+/annum
relevant EO and space events attended

Status: On track
26 attended by end 25/26

Partnerships

DE Africa continued to strengthen its partnership ecosystem across global, regional, and national levels, with engagement focused on strategic collaboration, institutional alignment, and opportunities to support programme delivery and sustainment.

- At the global and regional level, engagement continued with GEO, AfriGEO, ESRI, and AWS, including planning for the AfriGEO Symposium, discussions with ESRI on participation in the West Africa User Conference, and coordination with AWS on account migration.
- In September, engagement with ESRI was strengthened through a meeting to introduce the new User Engagement and Capacity Development Lead, refresh the engagement agenda, and move to quarterly meetings.
- Engagement with implementing partners AGRHYMET and CSE continued through collaboration on SIATeG 2026, feedback on the proposed drought monitoring service through the TAC, and participation in the first DE Africa Knowledge Sharing Forum.
- Partnership development progressed through mapping of Pan-African organisations aligned with DE Africa's strategic priorities, alongside an IP desk-based review of alignment between *icipe* and DE Africa.
- Engagement with the African Centre for Statistics/ECA progressed through information exchange to identify opportunities for collaboration and explore re-establishment of the previous 2019 MoU.
- Partnership processes were strengthened through review and updating of the Partnership Formalisation SOP (V3) and Legal Drafting and Approval Procedure to align with *icipe* processes.

Sustainment Review and Resource Mobilization

DE Africa continued to advance its sustainment planning and resource mobilisation efforts during the quarter, with work progressing from the independent sustainment review to development of a dedicated business development function and Sustainment Plan.

Sustainment Strategy: Axum Earth completed the independent sustainment review, with the final report submitted and findings presented to the IAB on 2 September. Based on the review's business model and revenue pathway analysis, *icipe* progressed development of a fit-for-purpose Sustainment Plan, which was submitted to the IAB on 23 September. A dedicated Business Development Specialist role was also defined, with recruitment initiated to support implementation of the sustainment plan.

Resource Mobilisation: Resource mobilisation continued through *icipe*'s co-creation processes and engagement with potential funding partners. The ASCEnd circular economy proposal was developed through a co-creation process with the Mastercard Foundation and a revised proposal submitted in July and August. The CAScaDE Climate and Health Science & Policy consortium continued proposal development and submitted a draft proposal to the Wellcome Trust in August. DE Africa also maintained its proposal pipeline and participated in a Horizon Europe consortium proposal, which was unsuccessful.

New Funding Opportunities: Engagement with potential new funding opportunities continued, including collaboration with the Australian National University (ANU) on an ACIAR-supported project on water security in East and Southern Africa, with inception planned for early 2027.



CAScaDE co-creation workshop held at icipe from 11-13 August.



icipe PI and consortium partners from Kenya and Ethiopia met with Wellcome Trust and presented the CASCADE proposal at a convening held in Accra, Ghana from 14-17 July on Climate & Health and policy.

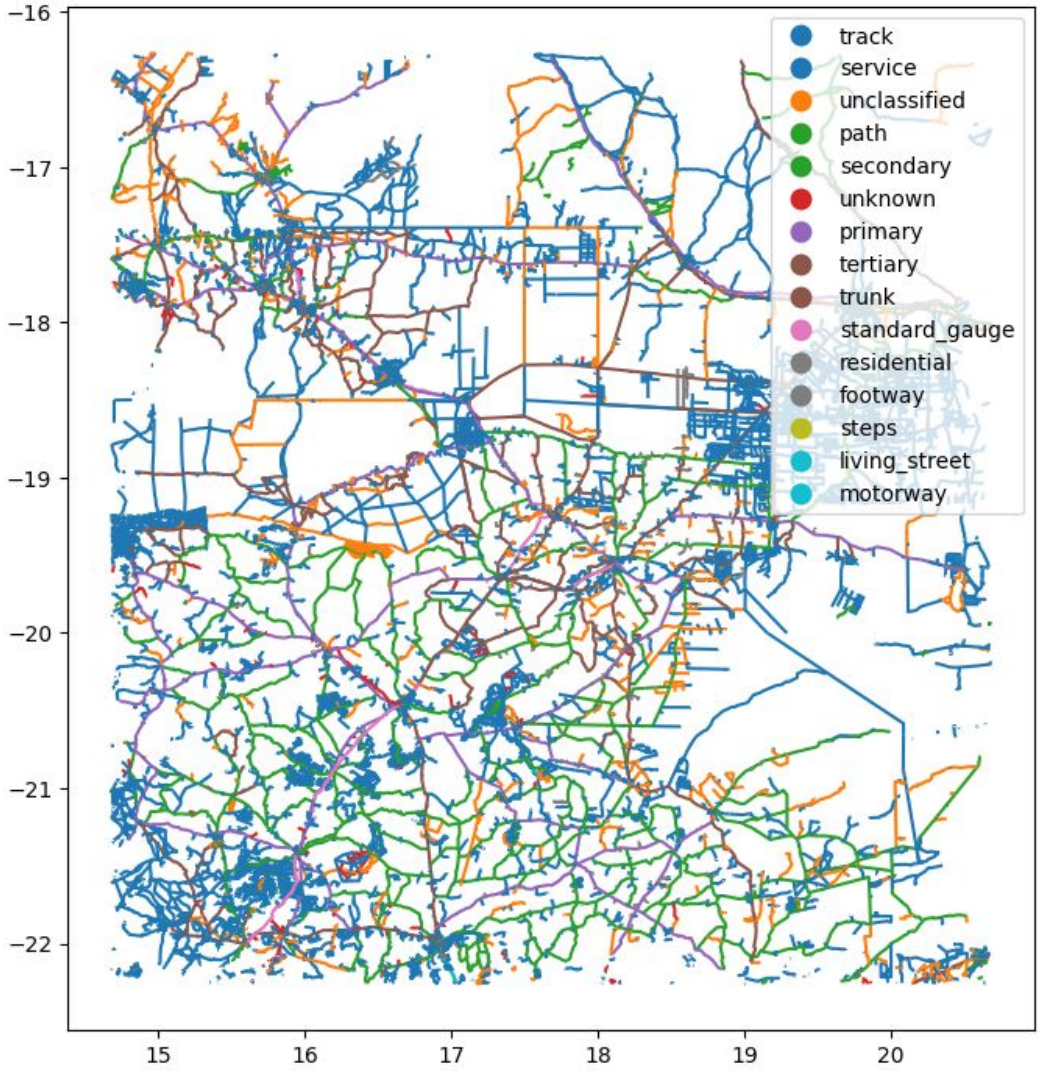
Science and Technology

Continental Services and Scientific Workflows

Digital Earth Africa continued to advance scientific workflows and analytical tools supporting applications across drought monitoring, water resources, climate, biodiversity, agriculture, and pest and disease risk. Key developments included the integrated drought monitoring procedure, pest and disease risk workflows, Sentinel-3 Land Surface Temperature, elephant habitat suitability, water quality and water hyacinth assessments, and methane monitoring.

Data Pipelines, Datasets and Analytical Tools

Data indexing and pipeline development progressed during the quarter, including indexing of the Sentinel-3 and Sentinel-5P products and four IWMI products, refactoring of the Sentinel-1 RTC pipeline, and integration of CDSE pipelines with successful ingestion of Sentinel-1 RTC, Sentinel-3 and Sentinel-5P data in production. Product validation workflows were also introduced through the DE Africa Config repository. Analytical capabilities continued to expand through FAO WaPOR routines, and the Country Briefing Tool covering datasets and services for 10 focus countries, and updates to Open Street Map integration.



Open Street Map (OSM) data used in the Elephant Habitat Suitability mapping notebooks. Other notebooks demonstrating loading of OSM data were also updated.

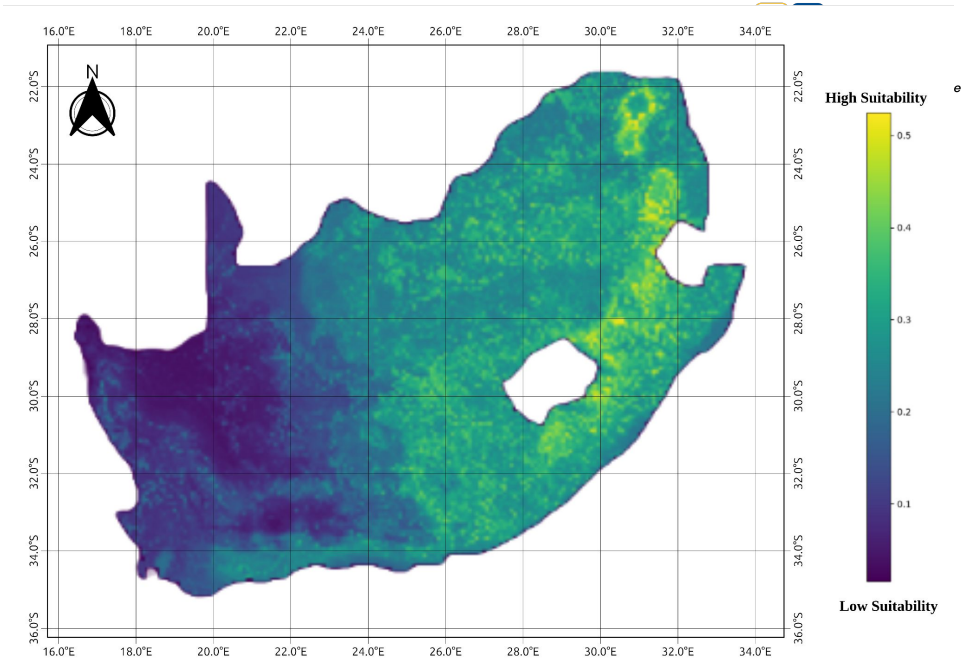
Science and Technology

International Science Engagements

The team continued international scientific engagement through participation in technical forums and research networks, including the Africa Clean Air Forum, ISPRS26, and TSARA, alongside engagement with international research and development partners on Earth Observation applications, open data, and the use of DE Africa services.

Technical Support and Use Case Development

Technical support and use case development continued across agriculture, water resources, environmental monitoring, biodiversity, climate resilience, and public health. Activities included support for crop mapping, water and wetland assessment, mangrove and shoreline monitoring, pest and disease risk, malaria-related applications, and other partner-led Earth Observation use cases.



Predicted environmental suitability for *Hyalomma rufipes* across South Africa. This hard tick species is native to Africa and poses a significant disease risks to humans and animals

Habitat suitability values range from low (purple) to high (yellow), indicating the relative likelihood of suitable environmental conditions for this tick species. The map provides a spatially explicit representation that can support targeted surveillance, risk assessment, and management efforts.

Science and Technology

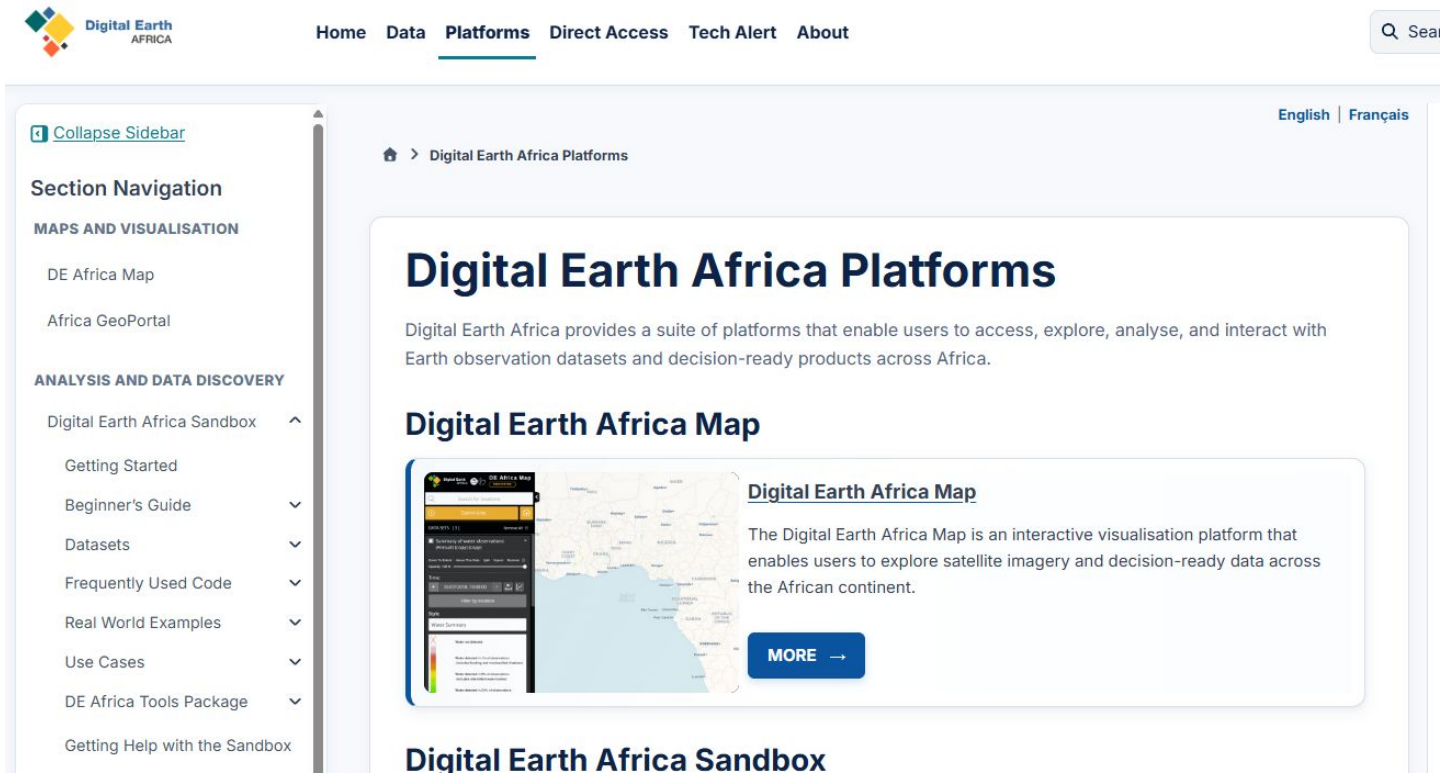
These activities continued to strengthen teamwork, data availability, accessibility, and reliability across the platform:

Transition-in of *icipe* Software and Cloud Engineers

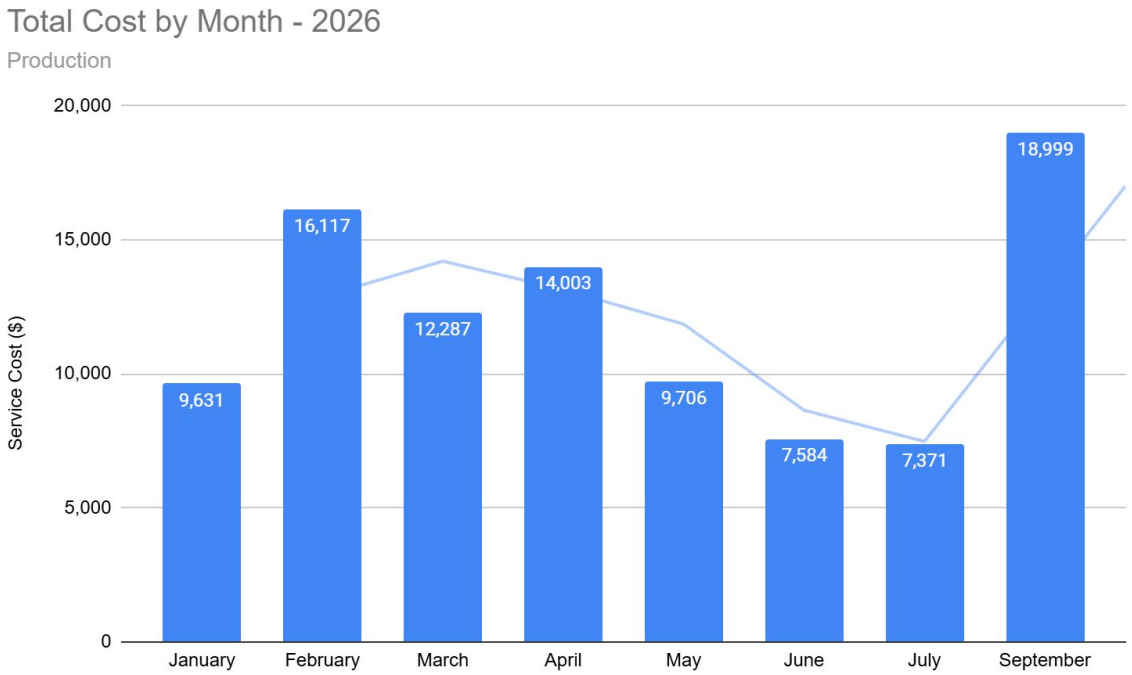
The DE Africa AWS accounts were migrated into the new organisation structure, completing a major transition milestone. In parallel, the transition of software engineering and cloud management responsibilities to *icipe* progressed through knowledge-sharing sessions covering DE Africa architecture, AWS services, web services, and the Sandbox. The *icipe* team continued to take on key technical tasks as part of the transition.

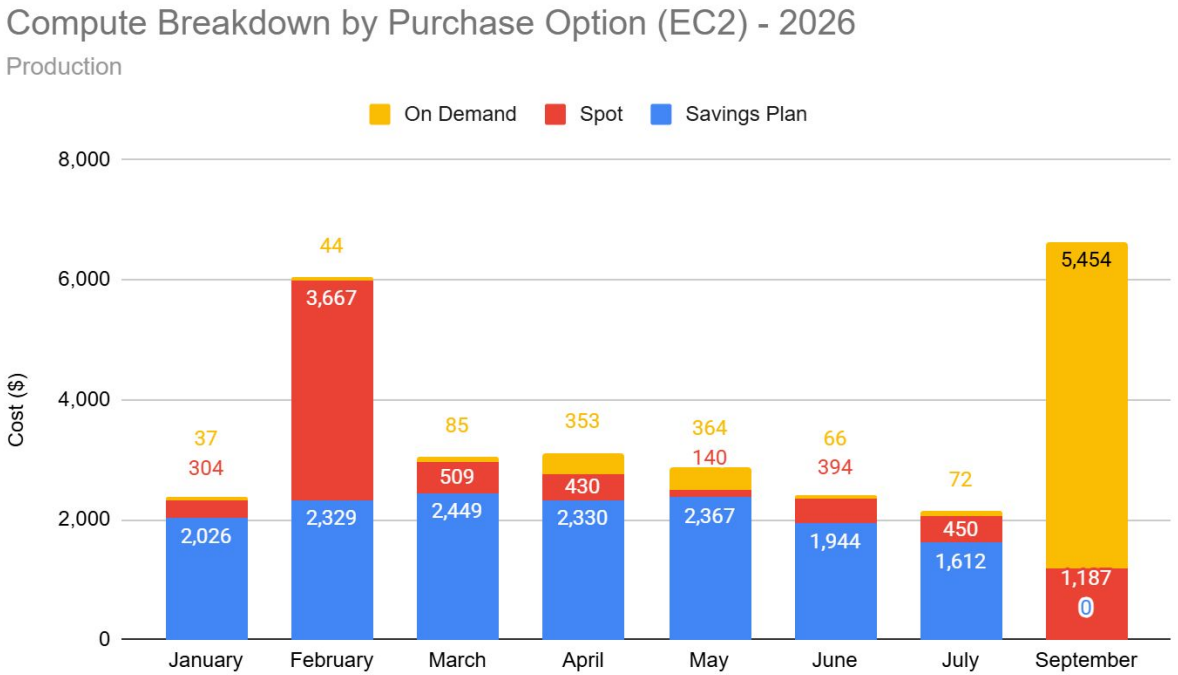
Platform Performance and Infrastructure

The DE Africa platform continued to be supported through infrastructure upgrades, optimisation, security improvements, and cost-management activities. Key progress included upgrades to Kubernetes, EKS, Argo Workflows, GeoServer, JupyterHub and KubeCost; a parallel self-hosting of the latest Terria Maps version in production; AWS key rotation; and EFS and Sandbox cost-optimisation activities.



Science and Technology



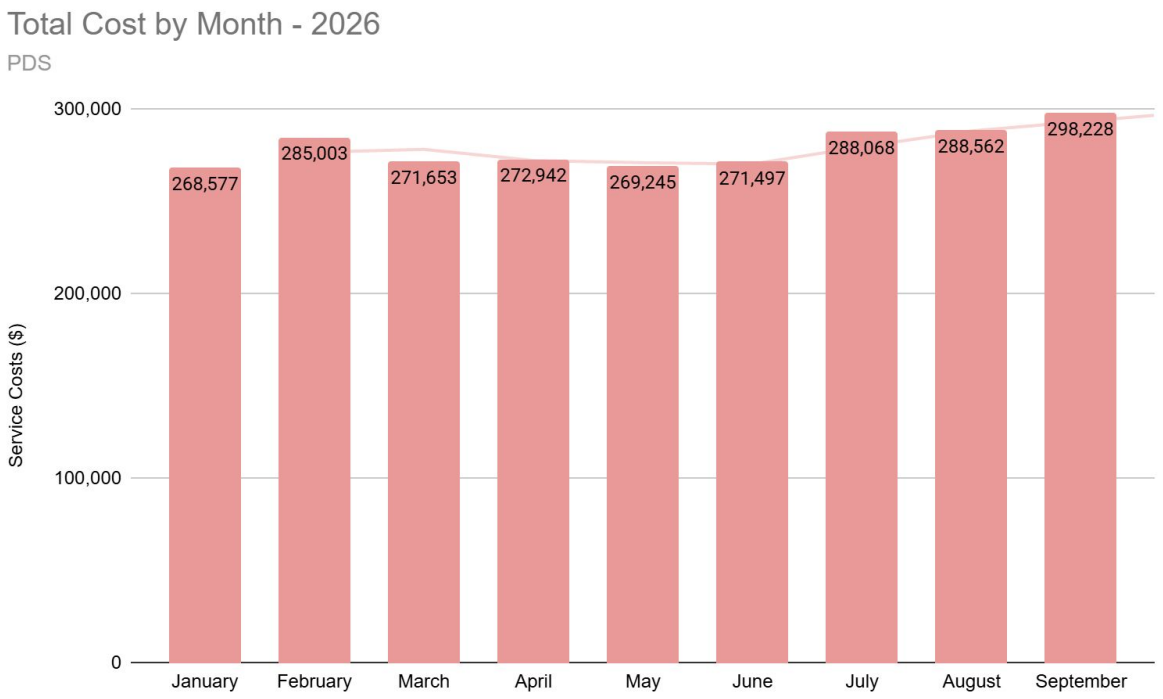


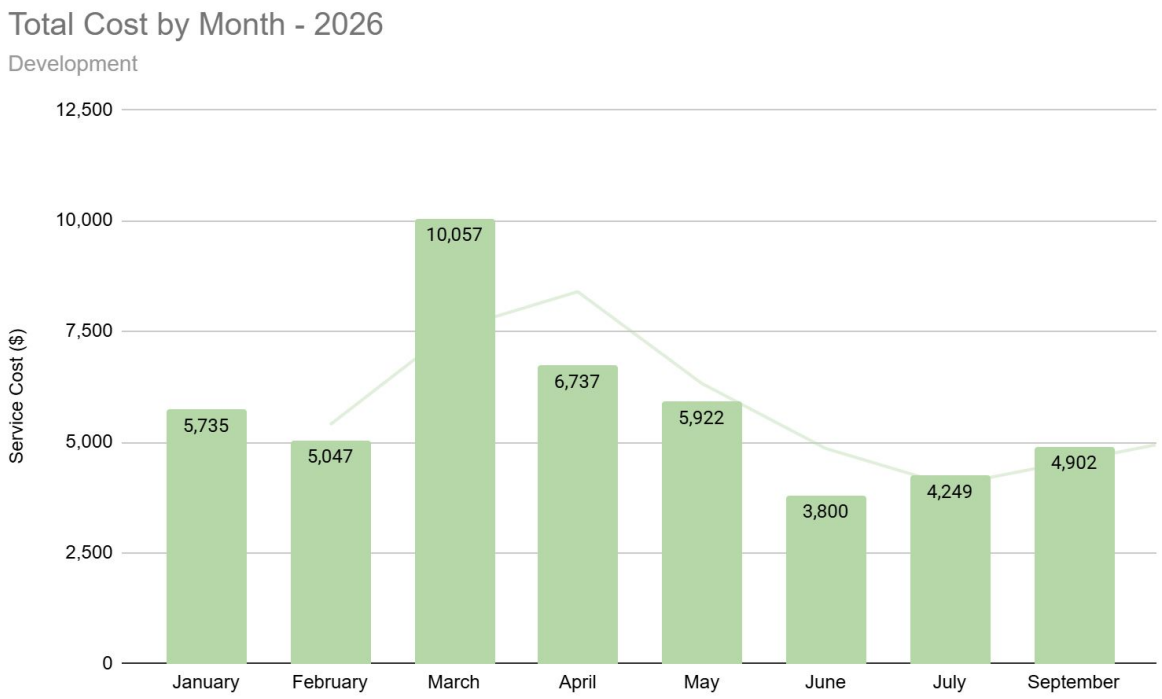
Production Costs: Production costs increased post transition. A detailed analysis is underway, but some factors include Business Support+, on-demand pricing and egress costs.

EC2 Production Costs: On-demand EC2 costs increased due to no access to a savings plan.

Note: August data is unavailable due to the AWS accounts transition from GA to icipe.

Science and Technology





PDS Costs: PDS costs are stable.

Development Costs: Minor cost increase post transition due to no access to a savings plan.

Note: August data is unavailable due to the AWS accounts migration to icipe.

OUTCOME 2: Uptake and Impact

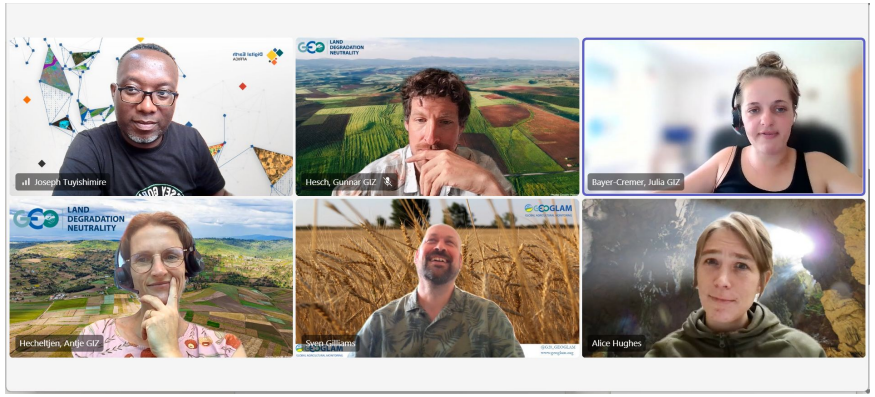
DE Africa is consistently used by key stakeholders - governments, communities, private sector and individuals, to drive environmental, social and economic impacts

In-Country Engagement

DE Africa continued to strengthen country-level engagement and uptake through stakeholder consultations, institutional partnerships, capacity development, and technical collaboration across multiple countries.

Key engagements during the quarter included:

- **Kenya:** Engagement with the Laikipia Wildlife Forum and Northern Rangelands Trust progressed around the vegetation condition analytics dashboard, including awareness raising and efforts to increase users, develop use cases, and capture and share impact stories. A September awareness session reached 60 participants from NGOs, academia, government agencies, private conservancies, and community organisations. Engagement with AVSI Foundation also explored the application of DE Africa Earth Observation platforms to agricultural and land restoration projects in Kilifi and Nakuru.
- **Rwanda:** Engagement continued through the IKIRERE Project, including preparation for an Early Career Researcher workshop in Kigali in partnership with the University of Leicester and AIMS Rwanda. DE Africa also participated in a September workshop with GIZ and the Rwanda Agriculture Board, presenting the technical approach for the digital information system for sustainable and climate-resilient agriculture and fall armyworm monitoring and prediction.



GEO-LDN, GEOGLAM and GEOBON on a Joint Event from land-related GEO Initiatives at AfriGEO Symposium



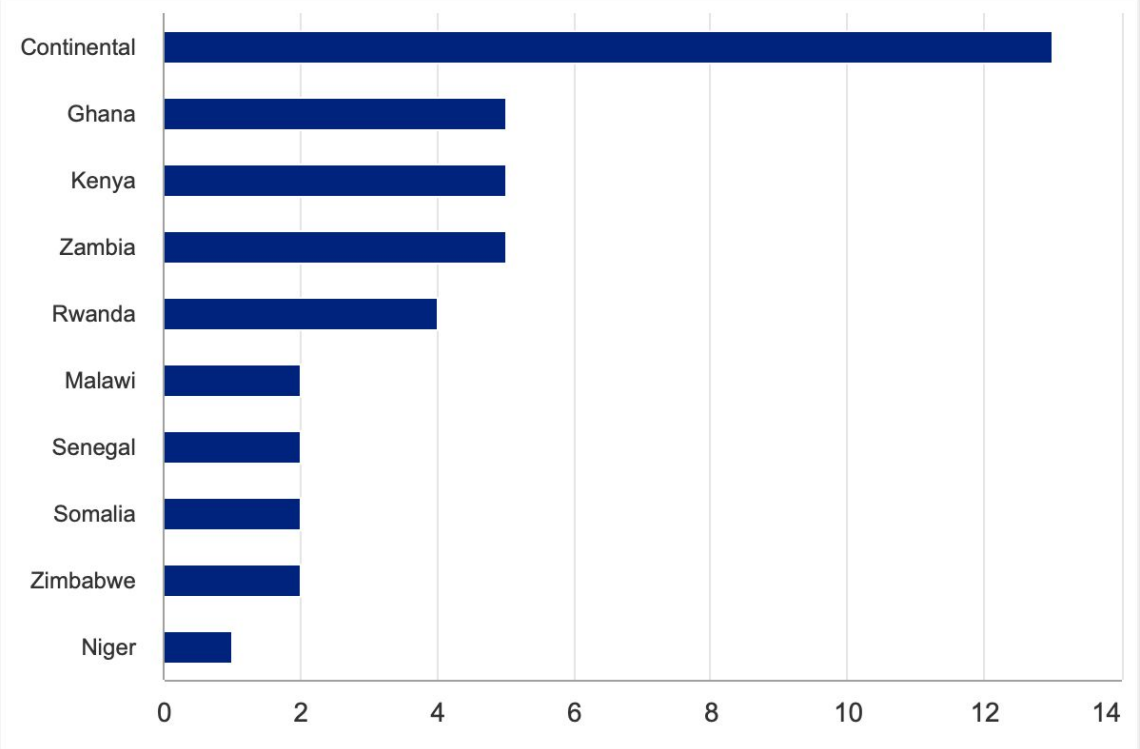
DE Africa through icipe supported the development of a fall armyworm modelling solutions, in partnership with the Rwanda Agriculture Board (RAB) and German dev. org GIZ. Aim is to improve maize productivity and support scaling of eco-friendly pest management solutions

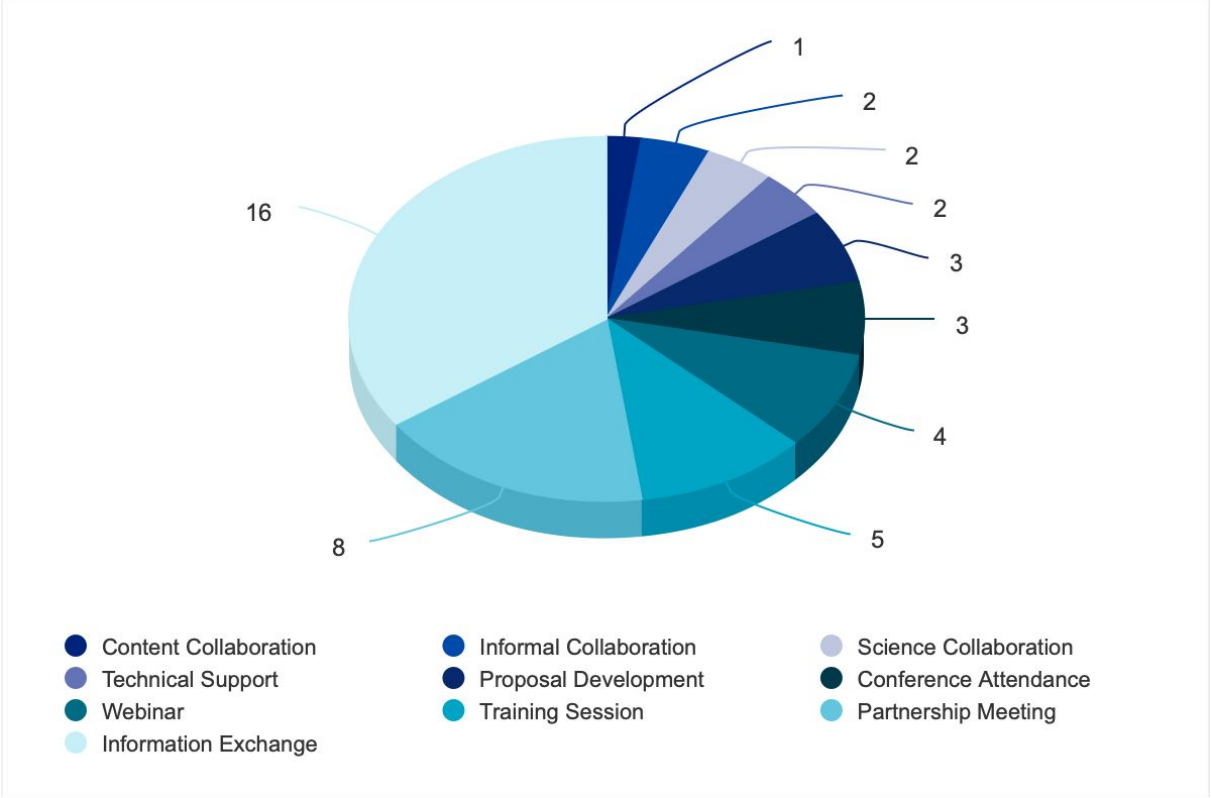
In-Country Engagement

- **Zambia:** Engagement with Rusangu University explored opportunities for virtual capacity building, formal institutional collaboration, access to Earth Observation data, and potential student- and department-led use cases. Discussions with the National Remote Sensing Centre also progressed implementation of the recently signed MoU, with virtual training planned.
- **Senegal:** Engagement with Cheikh Anta Diop University explored the use of the DE Africa platform within academic geomatics work, with a capacity-building session planned for October. Engagement also continued around opportunities for DE Africa participation in the NewSpace Africa Conference in Dakar.
- **Somaliland:** Engagement with the World Bank FSRP progressed capacity development for staff from the Ministry of Agricultural Development, Ministry of Environment and Climate Change, and Ministry of Livestock and Rural Development, with training scheduled for September.
- **Malawi:** Engagement with the Spatial Girls Network and Women in GIS Malawi progressed around sponsorship, technical support, and mentorship. DE Africa subsequently participated in the Women in GIS Malawi Conference in September, raising awareness of DE Africa platforms among 120 participants through a hybrid session.

Engagements by Numbers

Digital Earth AFRICA





Top countries by number of engagements (July - September 2026)

Webinars

4

webinars

Training sessions

5

training sessions provided

Information sharing

16

information exchanges

Partnerships

8

meetings held

Capacity Development

Strengthening Institutional and National Capacity

DE Africa continued to strengthen institutional and national capacity through targeted training, technical support, and applied learning across universities, government institutions, research organisations, and partner networks.

Key capacity development activities during the quarter included:

- **Rwanda:** Collaboration with the University of Leicester and AIMS Rwanda supported an AI/ML climate modelling workshop under the IKIRERE Project, introducing DE Africa climate tools to 34 early-career researchers from across Africa. Training at the University of Rwanda subsequently reached 98 registered participants, focusing on DE Africa's geospatial platforms and their application to environmental monitoring and analysis.
- **Niger:** DE Africa participated in SIATeG 2026 in Niamey, showcasing DE Africa services through an awareness and training session for approximately 100 participants, alongside an exhibition booth.
- **Zambia:** Capacity development activities included training at Rusangu University for 34 participants and a four-day training with the National Remote Sensing Centre (NRSC), which registered 90 participants from NRSC, government institutions, universities, and other organisations. The NRSC training subsequently resulted in 11 use cases submitted by participants.





Participants from AIMS Rwanda, Rwanda Space Agency, Meteo Rwanda appreciated DE Africa platforms for Climate Modelling



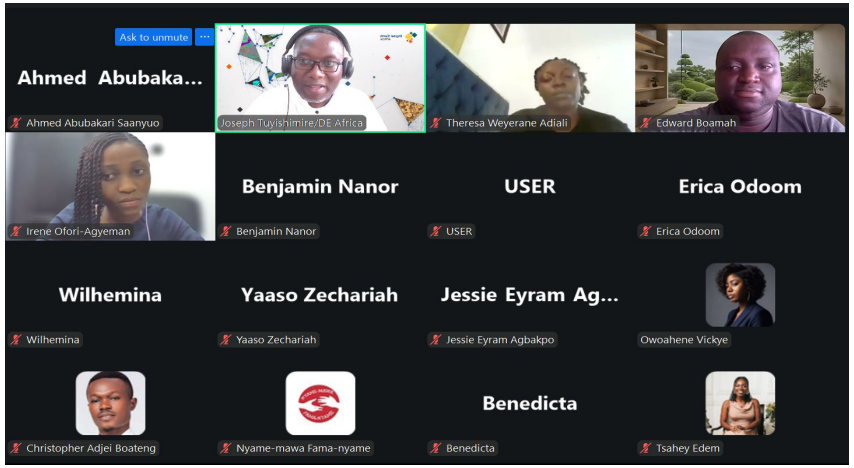
SIATeG 2026 was an opportunity for DE Africa to showcase the potential of DE Africa platforms

Capacity Development

- **Senegal:** Training at the University of Thiès reached 51 participants, including students and researchers, with sessions covering applications of DE Africa services for monitoring water, coastlines, vegetation, urbanisation, and land degradation. Further collaboration opportunities were identified, including potential support for student research projects with the Centre de Suivi Écologique.
- **Somaliland:** Capacity development under the World Bank Food Systems Resilience Program (FSRP) reached 27 participants from the Ministry of Agricultural Development, Ministry of Environment and Climate Change, and Ministry of Livestock and Rural Development.
- **Mozambique and Zimbabwe:** DE Africa promoted the Portuguese version of the Introduction to Digital Earth Africa Sandbox course through 10 higher learning institutions in Mozambique. In Zimbabwe, training at Marondera University of Agricultural Sciences and Technology (MUAST) reached 20 participants, with participants also identifying a potential agriculture and environment use case.
- **Continental and institutional capacity development:** DE Africa supported development of the third IWMI/DIWASA training module on water resources and flood risk management, incorporating use cases from Zambia, Ghana, and Ethiopia. The programme also trained 14 participants in the Africa Extractives Media Fellowship on using DE Africa platforms for evidence-based reporting. Four capacity-building sessions were also conducted at *icipe* covering satellite data, Maps integration, EKS cluster upgrades, and elephant conservation.



IWMI/DIWASA course development



Newswire Africa supporting journalists to use DE Africa platforms for environmental reporting

Q2 User engagement in Numbers

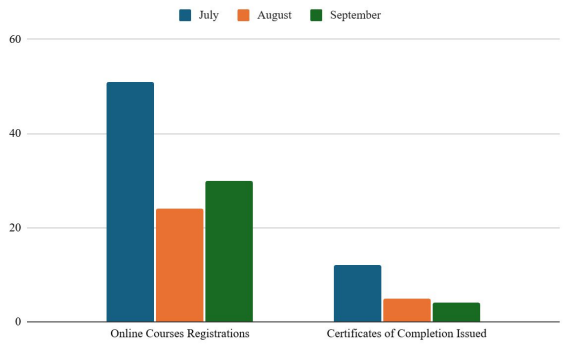
Digital Earth AFRICA

icipe
The TROpical Insect Science Institute

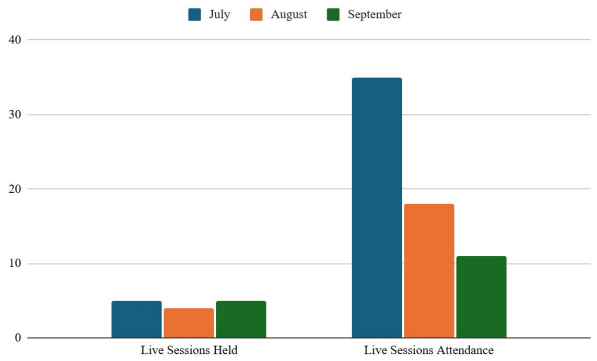
Q2 2026 vs All time user totals

Online Course Registrations	Certificates of Completion Issued	Live Sessions Held	Live Sessions Attendees	Sandbox Registrations	Helpdesk Requests	New Maps Users
105	21	14	51	416	46	3158
-1%	+10%	+27%	-56%	-10%	-21%	-14%

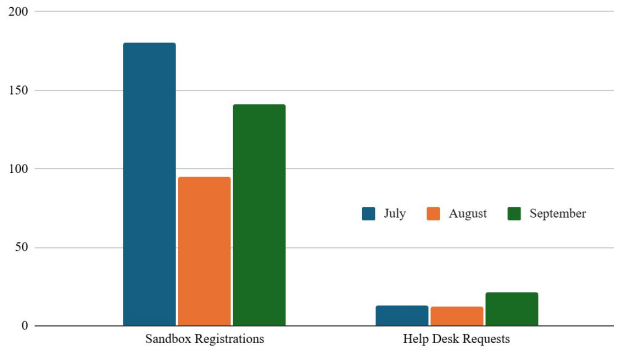
Online Courses



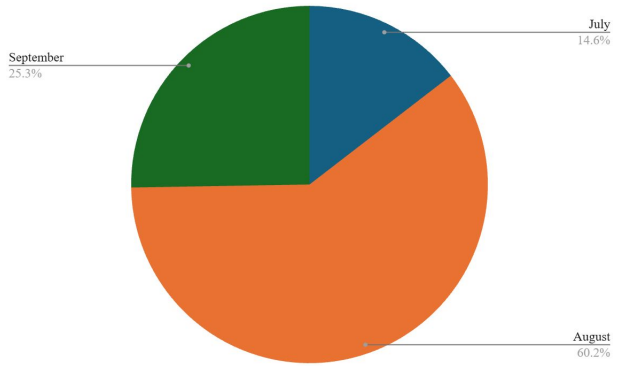
Live Sessions



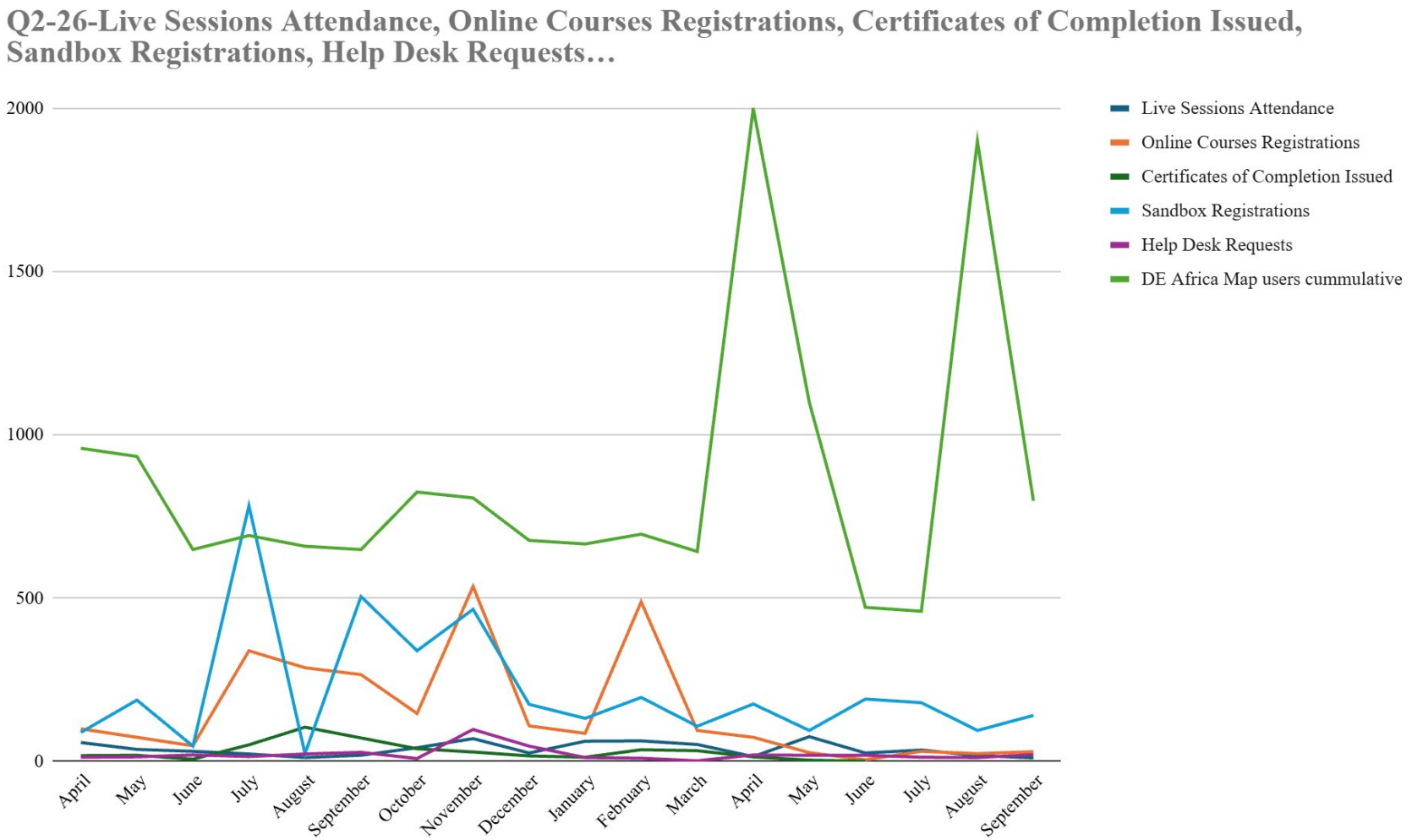
Sandbox and Helpdesk



Cumulative Map Users



User Engagement Trends



All time User Community

47,188 +3,158	Unique DE Africa map users
8,453 +105	Online Course Registrations
1,924 +21	Certificates of Completion Issued
11,766 +416	Sandbox Registrations
612 +46	Helpdesk Requests

Communicating our Impact

Across the quarter, DE Africa continued to communicate impact through applied use case stories, strategic partnerships, capacity development, and highlighting how Earth Observation is supporting decision-making and innovation across Africa.

Communications efforts generated a total of 161,540 people reached across the quarter, with 9 use case stories and articles published on the DE Africa website. Content covered key themes including water, agriculture, climate, environmental monitoring, biodiversity, and capacity development, highlighting institutional uptake and practical applications of DE Africa services. Media visibility generated an estimated USD 23,621.65 in advertising value equivalent (AVE).

Applied Use Cases and Decision Support

- Monitoring 32,000 hectares from Lusaka. Rinato Space and the satellite data behind Zambia's landscape recovery
- Tracking water to map malaria's mosquito habitats
- Spotlight: John Edaki on tracing algal blooms in Lake Victoria's Suguti Bay



A cotton plant being monitored by Rinato Space using satellite data to track changes throughout its growth cycle.



Victoria Odhiambo, Geospatial Data Clerk and Research Officer at icipe, uses satellite data to map environmental conditions linked to mosquito larval habitats.

Communicating our Impact

Partnerships

- Digital Earth Africa and AWS are making satellite data work for Africa
- Digital Earth Africa brings satellite data to Joseph Ki-Zerbo University in Burkina Faso

Capacity Development

- Building Niger's geospatial skills at SIATeG 2026
- Open data is giving Africa's future planners a place to start
- Students at Rusangu University explore the power of Earth observation with Digital Earth Africa
- Digital Earth Africa training strengthens satellite data skills across Somaliland ministries



Mapped Coastline positions over time at Saly Portudal, Senegal



Students at Rusangu University, Zambia, exploring Lusaka's urban expansion from 2017 to 2025 using satellite

Communicating our Impact

The 9th edition of DE Africa newsletter distributed on 30 September 2026

- September 2026 newsletter reached 8,969 recipients with stats as below (1 Oct 2026):
- Delivery: 8,777 successful deliveries (97.9% delivery rate)
- 192 bounces (2.1% bounce rate)
- Engagement: 2,072 unique opens (23.6% open rate)
- 78 unique clicks (0.9% click rate)
- 14 unsubscribes (0.16% unsubscribe rate)

Overall, the newsletter recorded a 23.6% open rate and an approximate 3.8% click-to-open rate, with 2,072 unique opens.



Social Media Engagement

Digital Earth AFRICA

icipe

X (Twitter)

Metric	July 2026	August 2026	September 2026
Total followers	7,675	7,679	7,698
New Followers	3	7	18
Retweets	3	15	17
Post engagement	89	172	251
Total tweets	14	16	17

LinkedIn

Metric	July 2026	August 2026	September 2026
Total followers	13,300	13,397	13,580
New followers	79	94	160
Post impressions	9,576	7,566	11,103
Page engagement	278	429	307
Total posts	14	16	17

Website

Metric	July 2026	August 2026	September 2026
Active users	514	1.9K	825
New users	460	1.9K	788
Top countries	Singapore, United States, Kenya	France, Singapore, Canada	Singapore, USA, Ghana
Top pages visited	Digital Earth Africa, Sign in/Register, Courses	Digital Earth Africa, Dashboard, Learning	Digital Earth Africa, Sign in/Register, Course

Newsletters

delivered to 8,969 recipients

23.6% open rate
4.2 % click to open rate

9 Publications

articles, user stories and use cases

Acknowledgements





Australian Government



















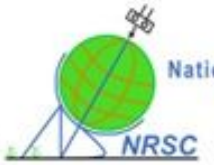












National Remote Sensing Centre
Government of Zambia













Digital Earth
AFRICA

Connect with us

- **Website**: https://www.digitalearthafrica.org
- **Maps**: https://maps.digitalearth.africa
- **Learning Platform:** https://learn.digitalearthafrica.org
- **User guide:** https://docs.digitalearthafrica.org

Follow us on Social Media

- LinkedIn: Digital Earth Africa
- Twitter: @DEarthAfrica
- YouTube: @digitalearthafrica