



Safe Communities for Safe Children and Adolescents in Kenya

SDB update-Client satisfaction survey-project sustainability Workshop
29-30 August 2022



TRIM - TRANSLATE INTO MEANING OUR MISSION

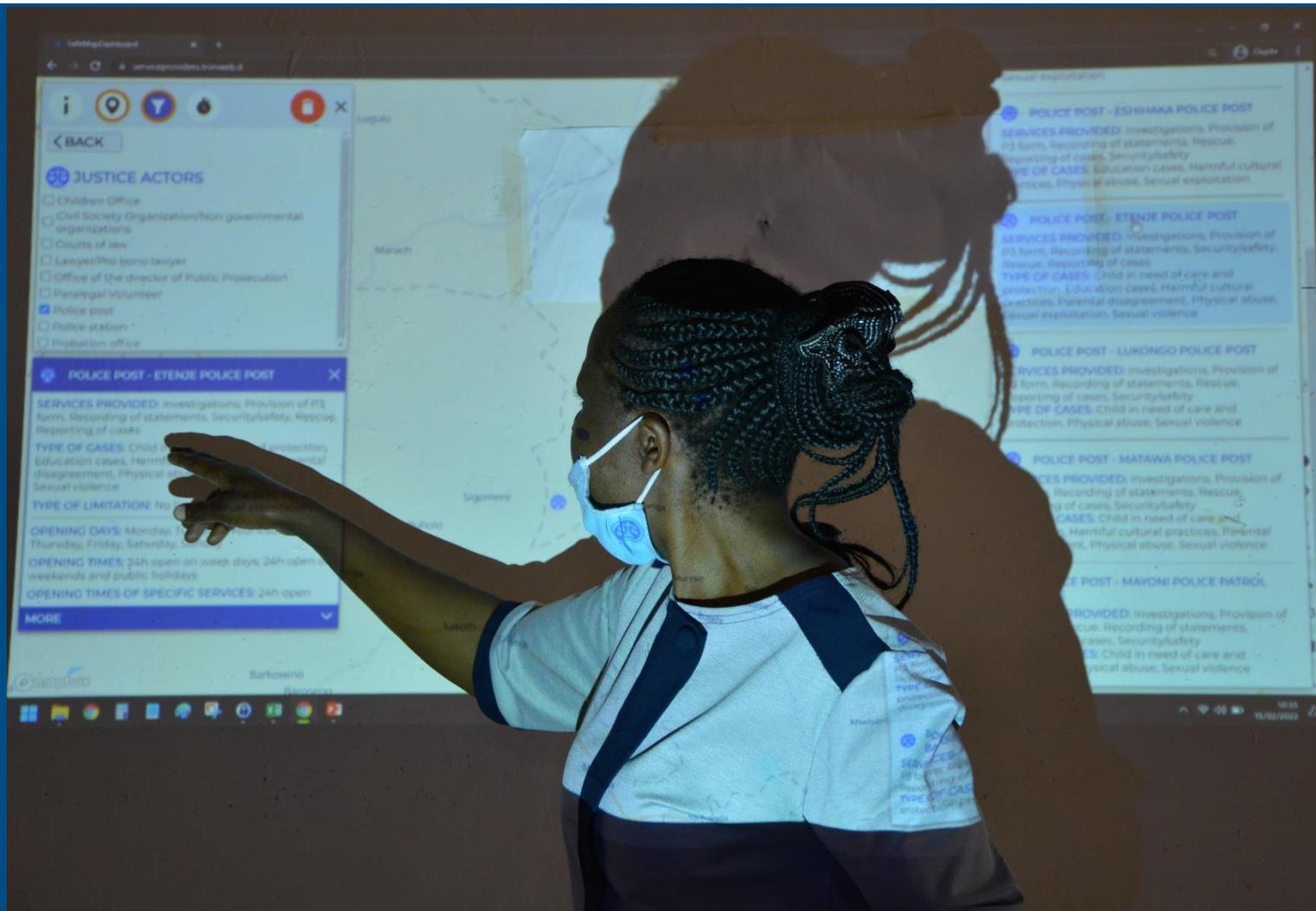
“To make a bridge between science and communities to transform data into actions”



TRIM WITHIN THE SAFE PROJECT THE CHILD PROTECTION SERVICE PROVIDERS MAPPING

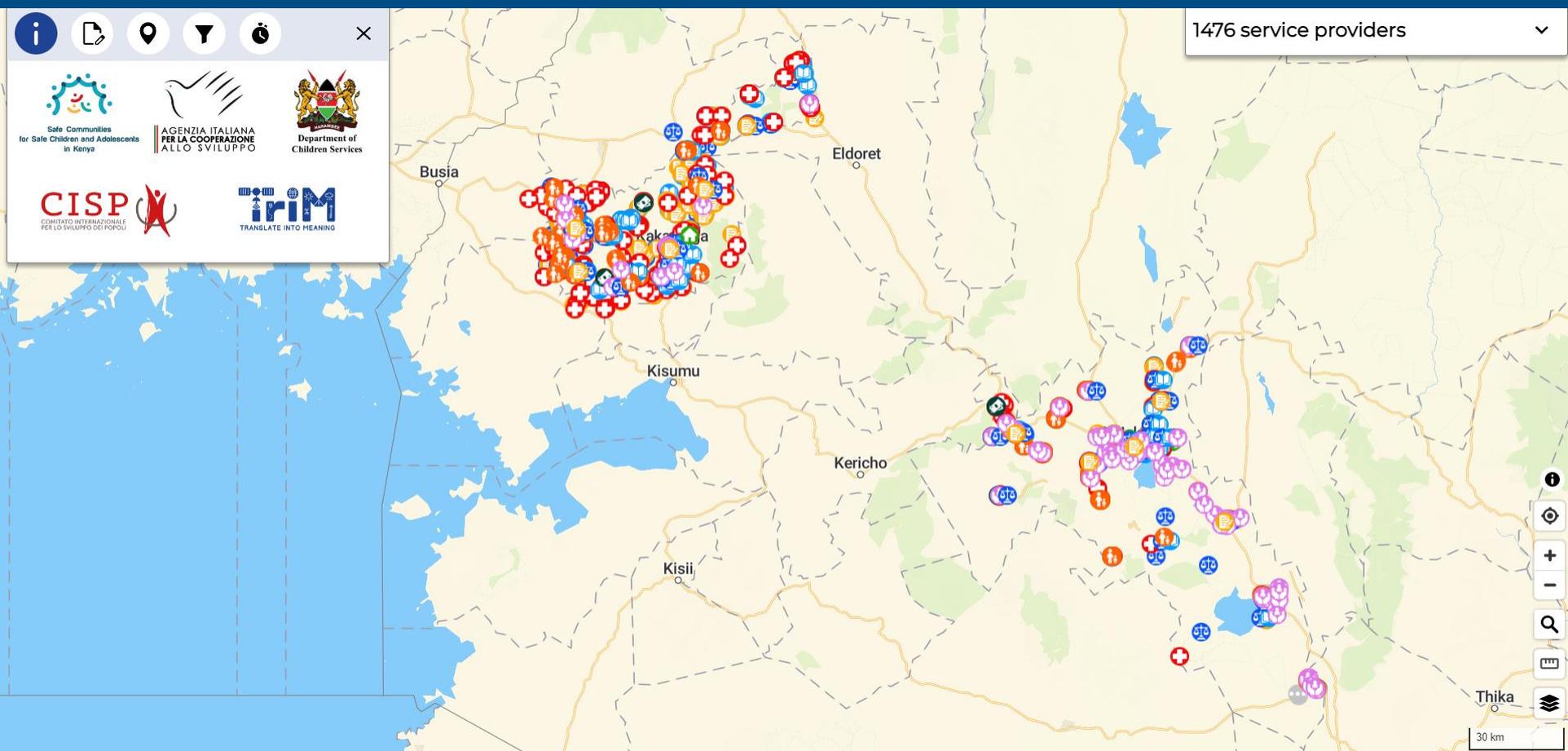
To include the geographical component into the current referral mapping tools

To design and implement a Spatial Database to store, manage, share, visualise and analyse primary and secondary data relevant for the project, including Geographical Maps



THE CHILD PROTECTION SERVICE PROVIDERS MANAGEMENT SYSTEM (SPMS)

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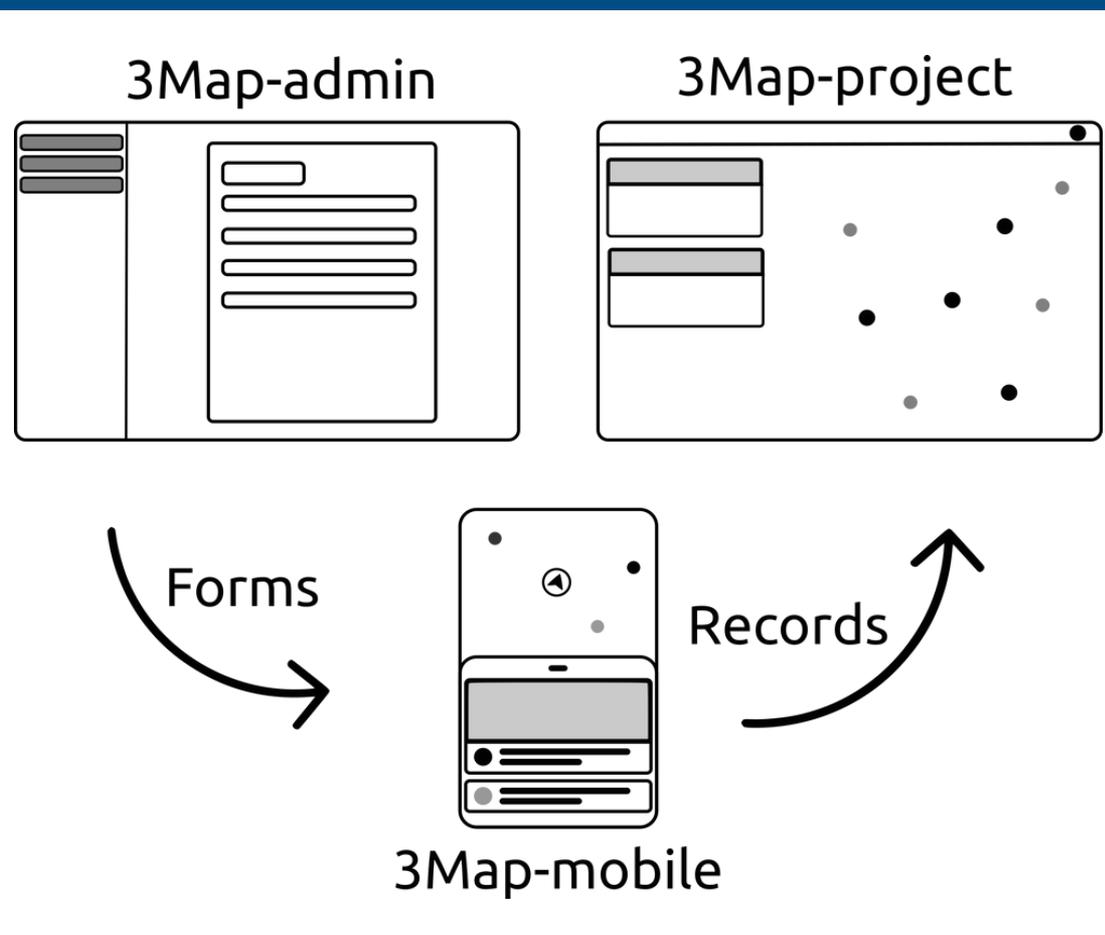


OUR TOOLS THE 3MAP CONTENT MANAGEMENT SYSTEM

3Map-admin: co-design the structure of your Database (DB) and deploy a form

3Map-mobile: collect data in the field using the designed form and upload them to the DB

3Map-project: view, manage, update, analyse, share data and transform them into easy to understand information for non technical users



THE 3MAP CONTENT MANAGEMENT SYSTEM SECURITY AND BACKUPS

Security

- Only activated and authorized users can update the data of the SPMS (three different levels of authorization: user/mod/admin); account must be verified by email
- All internet requests are authenticated through JSON WEB TOKEN
- Non-sensitive data are published on public UI (e.g. Service Providers Dashboard)

Backup

- All the data is securely stored in a cloud database service (<https://www.mongodb.com/>) and it is automatically backed-up hourly

3MAP FIELDS OF APPLICATION

CHILD PROTECTION

CHILDREN'S HOME

...ED: Care and protection, placement

...SES: Birth registration, Child in conflict with law, Child in need of care and protection, ... cases, Emotional abuse, Parental ... agreement, Physical abuse, Sexual exploitation, ... violence, Trafficking

...PE OF LIMITATION: Sex, age

...OPENING DAYS: Monday, Tuesday, Friday, Thursday, Wednesday, Saturday, Sunday

...OPENING TIMES: 24h open on week days; 24h open on weekends and public holidays

...OPENING TIMES OF SPECIFIC SERVICES: 24h open

LESS

...CONTACT PERSON: Margret Gibbs (director) - 0722143518

...LOCATION: Gilgil (Gilgil - Nakuru)

...PHYSICAL ADDRESS: Off laikipia university next to ... fiki mwema children home

...CAPACITY OF THE FACILITY: 30

...CURRENT NUMBER OF CHILDREN: 22

...MAX AGE: Younger than 5

...GENDER: Female

...OPERATION: Sub-County, Location, Sub-

...CHILDREN LIVING WITH

... children,



WEATHER AND CLIMATE



HEALTH

NATURAL RESOURCE MANAGEMENT

- Crops Production Area
- Wet Season Grazing Area
- Dry Season Grazing Area
- Drought Reserve
- Conservancy and Game res...
- Forest Area

DISASTER RISK REDUCTION

OH - Hazard / Relevant Info
james_nakhulo - 27 Nov 2019 11:58

Attached facility: North Horr
Place name: Horr Dika
Type of event: Flood

Description: Lagga flowing obstru...
... Lorries stuck

DATA STORAGE THE SAFE SPATIAL DATABASE

Co-designed and validated with
Department of Children Services

Uses the same data structure of the
CPIMS

161 (feb 2022) → 1476 (aug 2022)
Service Providers mapped

4→24 Sub-Counties

Several categories of information
available (case categories, type of
services, contact person and phone
number, limitations)

Connected to data collection,
visualization and management tools
through efficient API

Scalable, safe and secure

ADDITIONAL SERVICE PROVIDERS

- Birth and Death Registry
- Local administrator

EDUCATION ACTORS

- Civil Society Organization/Non governmental organizations
- Education Office
- School for children with special needs

HEALTH SERVICE PROVIDERS

- Health Center/Dispensary
- Hospital

JUSTICE ACTORS

- Children Office
- Civil Society Organization/Non governmental organizations
- Courts of law
- Lawyer/Pro bono lawyer
- Office of the director of Public Prosecution
- Paralegal Volunteer
- Police post
- Police station
- Probation office

PLACES OF SAFETY

- CCI
- Child Helpline Kenya - 116
- Children Office
- Safe house/rescue center

SOCIAL SERVICE PROVIDERS

- County Government Social Services Office
- National Social Services Office

STATUTORY CHILDREN INSTITUTIONS

- Borstal institutions
- Hostels
- Rehabilitation centers
- Remand homes

VOLUNTEERS

- Child Protection Volunteer
- Community Health Volunteer
- Paralegal Volunteer

OTHER

- Other

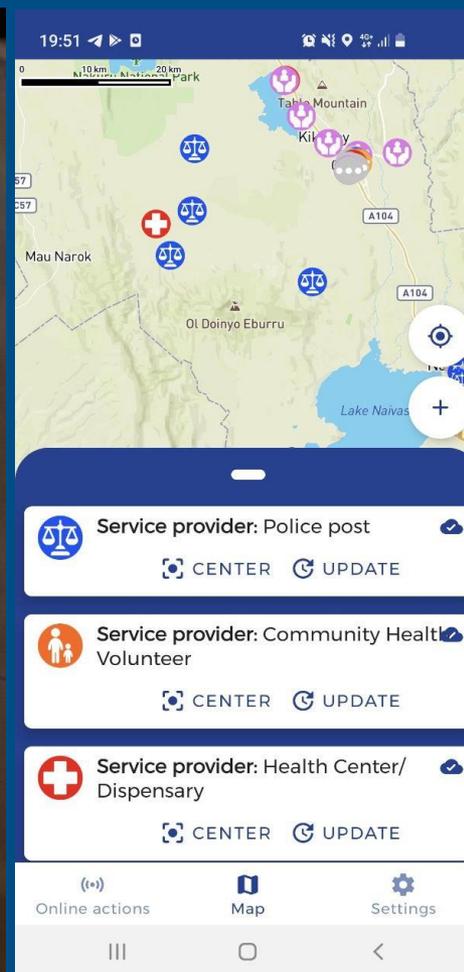
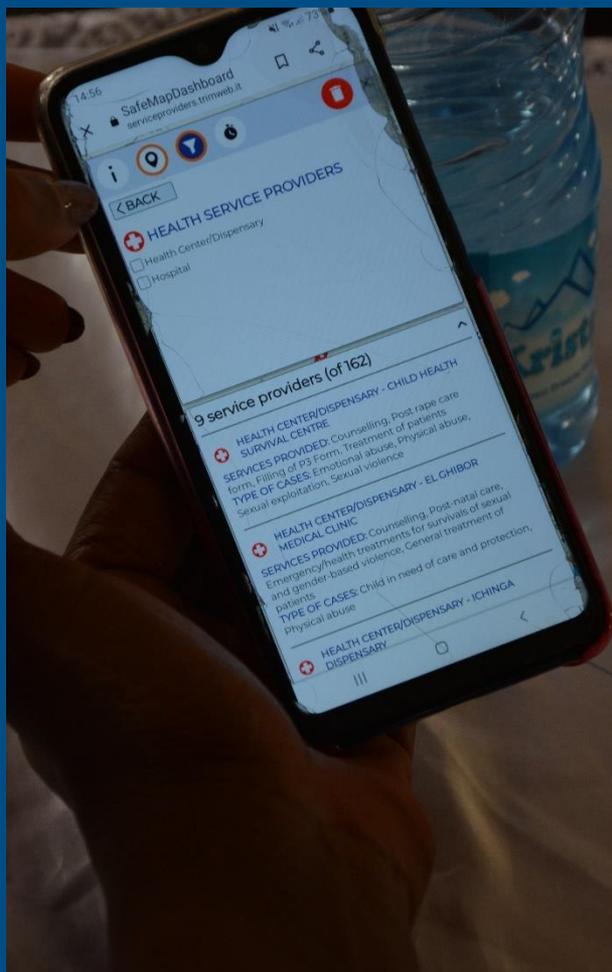
DATA COLLECTION THE SAFE MOBILE APPLICATION

To create geo-tagged records of service providers in the field

Works online and offline

Data are visible through interactive lists and maps

Data are directly uploaded to the DB once online





DATA MANAGEMENT THE SAFE WEB-APPLICATION

- Easy to access through interactive map and tables
- Access, edit and delete of data work **offline and online**
- Can be connected to other systems through efficient APIs
- Different users rights available (normal, moderator, admin) through secure login

Map Tables
SAFE E

Forms Reload records Service provider X

Show History Group by None Reset Filters
Service provider

Service provider	Name of organization	Services provided	Type of cases	Division/Ward	Name of contact person ...	Telephone number
Local administrator	Bukaya sub location	Counselling, Emergency/...	Child abuse and violen...	Etenje	Wilbroda makokha	---
CCI	Asante Childrens home	Care and protection, Cou...	Child in need of care a...	Naivasha	Keziah Weru manager	0727221451
Other	Naivasha Women Prison	Other	Other	Naivasha	Lucy Muiruri officer in char...	0720277801
Civil Society Organization/N...	Palliative care foundation	Advocacy, Counselling, Ec...	Birth registration, Child...	Naivasha	Ruth Muthoni Founder	0722334819
Other	Ack all saints Naivasha	Other	Child in need of care a...	Naivasha	Grace Wanjiru church secre...	0742372323
Courts of law	Naivasha law courts	Adjudication of legal cas...	Birth registration, Child...	Naivasha	Patricia Kilele court adminis...	0720703756
Other	Deliverance international c...	Other	Child in need of care a...	Naivasha	Edward Mburu Steward	0721651426
CCI	Light of Hope childrens ho...	Care and protection, Cou...	Child in need of care a...	Naivasha	Maina Kariu Manager	0793898692
CCI	Oasis the well children home	Care and protection, Cou...	Child in need of care a...	Naivasha	Ruth Wanjiru Gitau Social ...	0700649045
Other	Baptist Aids response agen...	Other	Birth registration, Child...	Naivasha	Robinson Ongeto counsellor	0712960868
Other	Young Men Champions in e...	Other	Birth registration, Child...	Naivasha	Charles Omwanro Executiv...	0723170921
Other	Catholic church Gilgil	Other	Education cases, Emoti...	Gilgil	Father Clement Karathi	0721161286
Other	Ack st peters church Gilgil	Other	Birth registration, Educ...	Gilgil	Pastor luka njoroge	0723026718
Other	Inua partners in hope	Economic empowerme...	Birth registration, Child...	Naivasha	Paul Matheri Director	0712066180
Civil Society Organization/N...	K-NOTE	Advocacy, Counselling, Ec...	Birth registration, Child...	Naivasha	Geoffrey Ochieng Ogotu C...	0723714406
CCI	Holding hands children's h...	Care and protection, Cou...	Education cases, Physi...	Gilgil	Moses mbugua (director)	0721151492
CCI	Sure 26 home	Care and protection Cou...	Birth registration Child...	Gilgil	Lilia pahwiro / home manag	0727330063

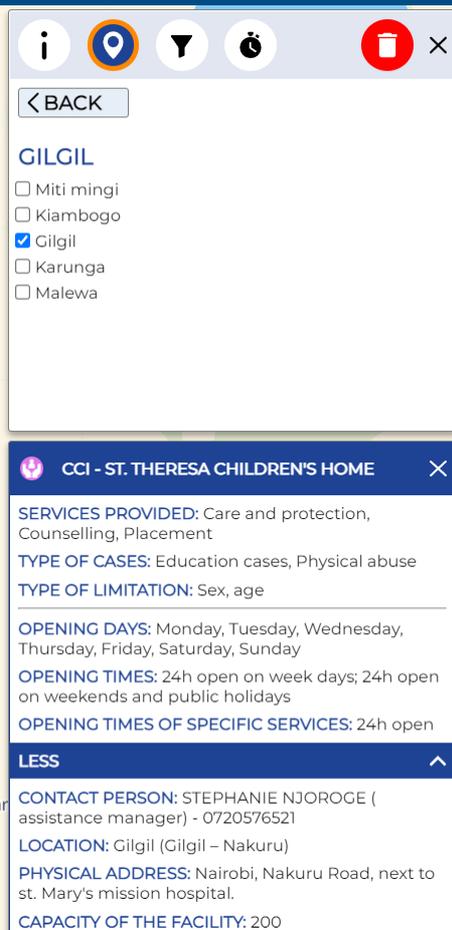
Filters

Columns

- Child Protection
- Gender desk manner
- Details about service
- Type of cases
- Other type of cases
- Type of sub-cases
- Other type of sub-ca...
- Type of organization
- Other type of organiz
- County
- Sub-County
- Division/Ward
- Location
- Sub-Location
- Physical address
- Name of contact pers
- Telephone number
- Opening days
- Opening times for w...
- Opening times for w...

DATA VISUALISATION AND RESEARCH THE SERVICE PROVIDERS DASHBOARD

www.serviceproviders.trimweb.it



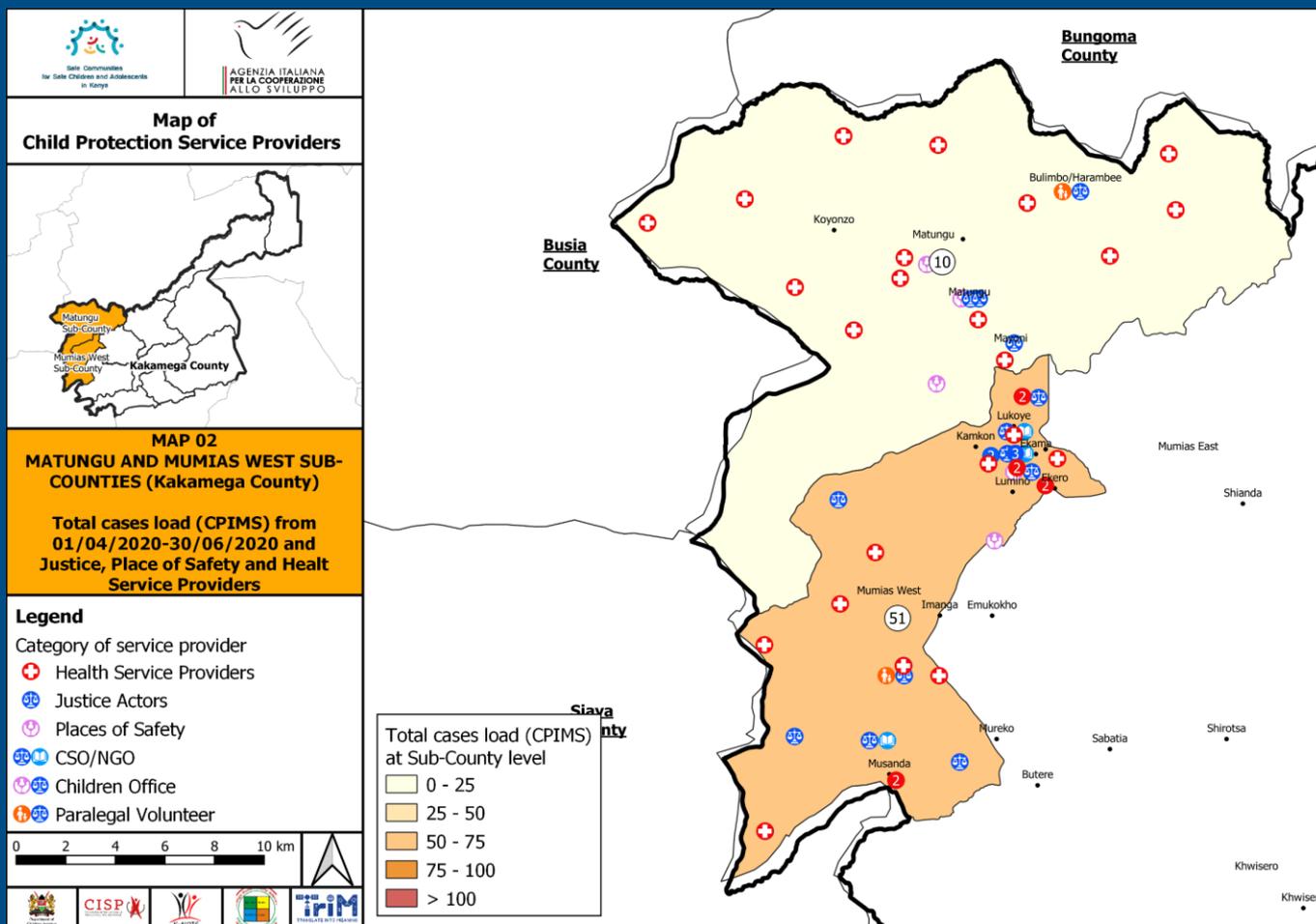
The screenshot shows the user interface of the service providers dashboard. On the left, there is a sidebar with a search filter for 'GILGIL' (checked) and other locations like Miti mingi, Kiambogo, Karunga, and Malewa. Below this, a detailed profile for 'CCI - ST. THERESA CHILDREN'S HOME' is displayed, including services provided, case types, opening days, contact person, and location. The main area shows a map with several purple location markers and a larger blue circle highlighting a specific provider. A dropdown menu at the top right of the map area indicates '26 service providers (of 161)'.

- Quick and easy tool to **research a specific service provider**
- Simple **predefined filters** (by location, by CPIMS case category, availability of P3 forms, open 24h)
- Data are visible through **interactive map and lists**
- Accessible to all child protection actors including community members which makes referral much easier even at the community level (**no login required**)
- Works both from **laptop and mobile**

DATA ANALYSIS AND INTERPRETATION INTEGRATION OF SPMS WITH CPIMS

CPIMS data for the targeted sub-counties will be integrated with the SPMS to visualize the locations and type of cases affecting children.

Spatial analysis facilitates the understanding of the type and amount of cases reported from specific locations for identification of hotspots and key problems; guiding prevention, advocacy and service provision activities.

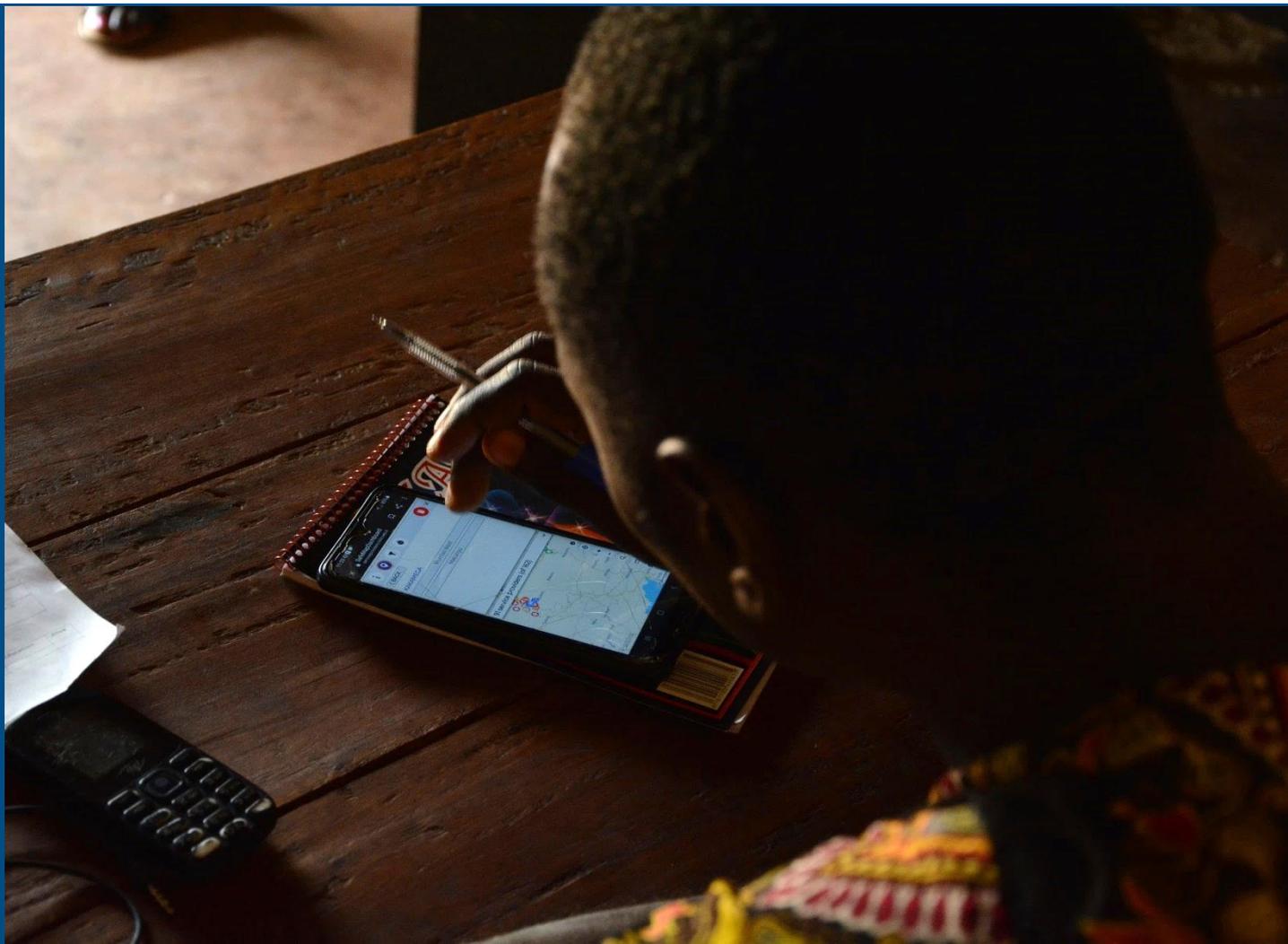


FEEDBACK FROM USERS STRENGTHS



FEEDBACK FROM USERS CHALLENGES AND NEEDS

- NEED OF ELECTRONIC GADGETS
- NEED OF NETWORK
- NEED OF DATA QUALITY CHECK
- NEEDS AN ACCURATE COLLECTION OF DATA TO POPULATE THE SPMS
- DATA MANAGERS SHOULD BE WELL TRAINED
- THE SPMS SHOULD BE EXPANDED TO OTHER AREAS
- NEED OF DISSEMINATION OF THE DASHBOARD AT COMMUNITY LEVEL

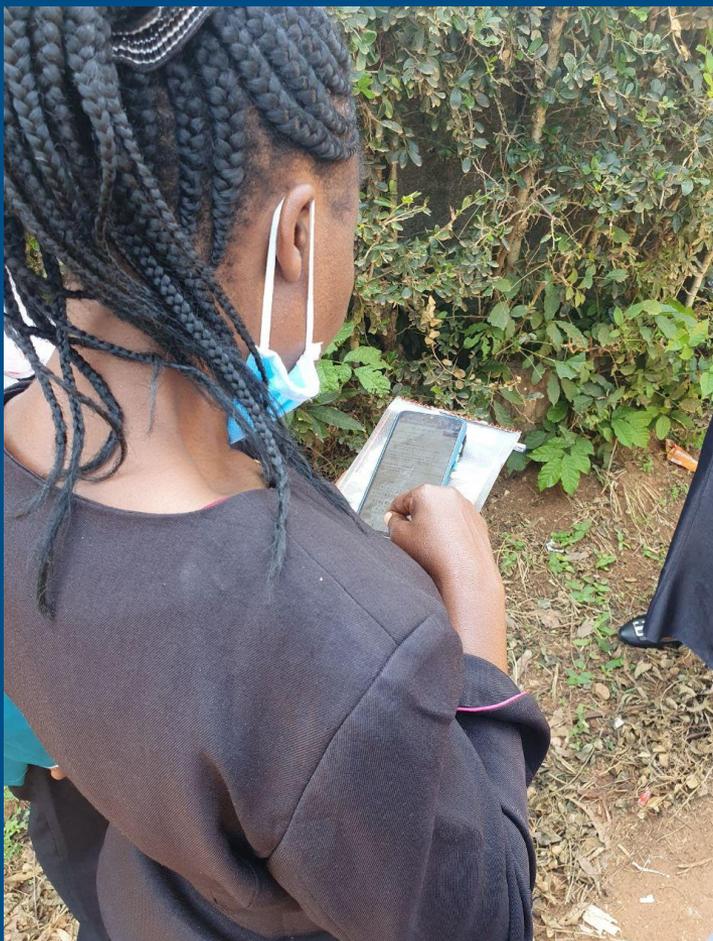




SPMS DISTINCT FEATURES SPMS STRENGTHS

- **SPMS was co-designed and validated with DCS** and other relevant stakeholders; a unique system to store, access, research and update the organized collection of data
- **SPMS uses the same data structure of CPIMS** therefore it can complement and strengthen it, providing a secure environment to store key updated and reliable information about service provider; easily accessed and integrated with CPIMS through APIs (DCS CPIMS Focal Person)
- SPMS ensures safety and security of data, easy access and update capabilities to authorized users 24/7 through both mobile and laptop online and offline
- SPMS does not require a GIS expert to upload updates
- SPMS has different tools for the access, visualization and research of key info from both mobile and web applications
- SPMS has the possibility to customize access and visualization tools according to users' needs

ACHIEVEMENTS COLLABORATION WITH DCS AND KEY STAKEHOLDERS



- Piloting done between August and November 2021
- SAFE dashboard disseminated to over 2000 service providers who are cascading to all other users within their areas of work
- 20 SPMS administrators trained and have access rights
- SPMS technical meeting held with DCS HQ-CPIMS Focal person, 2 county coordinators and 3 sub county officers.
- Scaled up to all the sub counties in the 2 counties

THE FUTURE OF SPMS SUSTAINABILITY

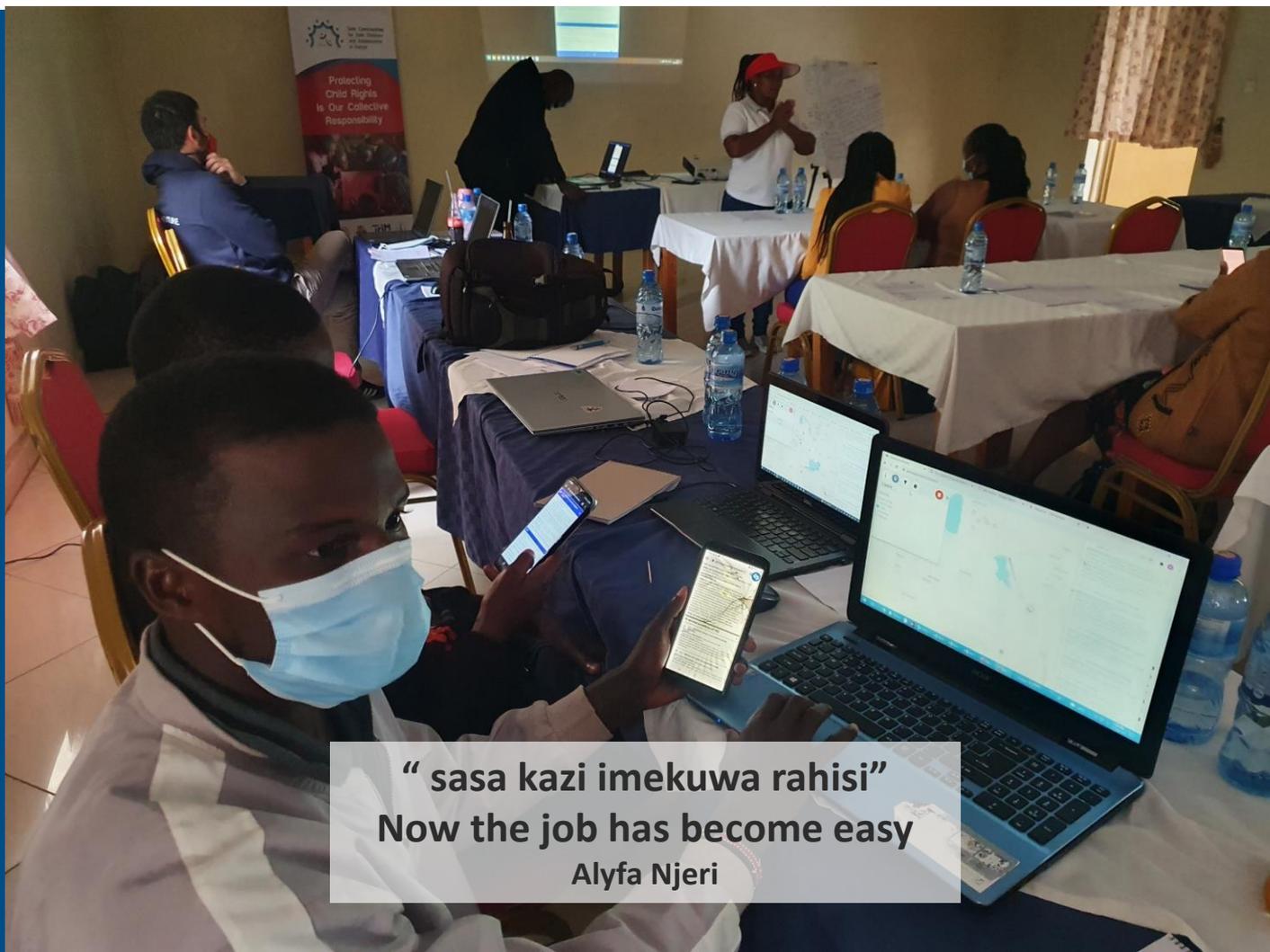
- DCS staff (CCC, SCCOs and clerks) trained as administrators to update and check the quality of data included in the SPMS
- Engagement with DCS is ongoing for adoption of the SPMS by DCS and scale up to other counties
- SPMS consumes minimal data bundles (text-based) hence service providers and community members can use it
- Plans underway to develop an offline dashboard
- Aim to partner with Safaricom to whitelist the SPMS dashboard so that everyone can access it without data bundles
- Requires support for expansion, hosting of SPMS and software maintenance



OPPORTUNITY FOR PARTNERSHIP NEXT STEPS

- Seeking to fill a gap in the referral pathway of cases which currently is either non-existent, not clearly defined or accessible only to a few service providers in hard copy
- Integrate SPMS with CPIMS for meaningful analysis to support identification of case trends and major problems affecting different locations, guiding the prevention activities and advocacy for efficient service provision
- Launch Telegram automatic notifications regarding updated or missing service providers for SCCOs/Admins
- Cascade the tool to wider community
- Mobilize support to scale-up to all Counties

ASANTENI SANA!



**“ sasa kazi imekuwa rahisi”
Now the job has become easy
Alyfa Njeri**



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Thank you!