



Annual Work Report 2022-23

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About Us: Tattva Foundation

Tattva Foundation is a Lucknow based innovation driven ICT4D research and development organization, which works at the intersection of communities, governance, and technology. Tattva envisions an equitable society where everyone has access to affordable, and quality healthcare nearest to their home. Tattva is a scale-up expert which has designed, developed, and scaled up multiple pioneering digital health interventions developed using persuasive technologies, and human centered design science research approaches. Tattva's solutions have till date reached about 200,000 direct beneficiaries, primarily frontline workers, impacting 175 Million population. Tattva foundation works in multiple domains under the sustainable development goals (SDG), specifically health, nutrition, livelihood, environment.

The core offerings of the organization are:

- Design, develop, and operationalize integrated, open architecture, and ABDM compliant Information communication and technology products such as e/mHealth tools, hospital management information system, labour room MIS, Enterprise Resource Planning IS, etc.
- Conduct public health research in the areas of maternal and neo natal child health, immunization, nutrition, health system studies including supply chain.
- Design and Develop data science solutions also using ML/AI for predictive analysis in the aera of public health, education, poverty and livelihood and other domains.

Our Motto

- We strongly believe in supporting Social Purpose Organizations and Large-Scale Development Projects identify their information needs and opportunities to amplify the impact created.
- Our approach is grounded in the principles of systems design thinking and iterative-participatory information systems development.

We Our Expertise Impact

36	3	200,00	175 M
Projects/Products	Countries	Direct Beneficiaries	Indirect Beneficiaries

Key Collaborators



Geographical Location of Tattva Foundation



Board of Directors



Akanksha Jaiswal
CEO



Girdhari Bora
CIO

Exceptional ideator with experience in operations, HR, and Finance. She is the force who anchors Tattva's core philosophy of humane, ethical, and sustainable way of doing things (or the only way of doing things). In past, she has occupied critical management roles in International non-profit, solar start-up, and agriculture conglomerates. She holds an MBA degree from Lucknow University and PGDHR from IIM Kolkata.

A serial e-innovator, ICT4D expert, researcher and award-winning photographer. He has 16 years of experience in scalable e-innovations in microfinance, agriculture, education & health. He has significantly contributed to mHealth innovations (e.g. mSakhi, mSehat, FLW Digital payments) which are currently being used among millions of rural population. He is currently a research scholar at IIM Kashipur and holds a bachelors in computer engineering.

Our Family..



Awarded Projects..

S. No	Client's Name	Assignment Name	Location
1.	The World Bank Group	Data Scraping and Database Creation to Support Economic and Welfare Analysis in India	Remote/ New Delhi
2.	Uttarakhand Public Financial Management Strengthening	Customization, Development, Deployment, Integration, and Maintenance of Municipal Software's for Urban Local Bodies (ULB)	Uttarakhand (India)
3.	Department of Panchayati Raj Dehradun Uttarakhand	Consulting services for capacity building and training purposes of elected representatives of Department of Panchayati Raj on Localization of SDG	Uttarakhand (India)
4.	UNITED NATIONS CHILDREN'S FUND (UNICEF)	Behavioral Insights action research project to support improved Routine Immunization among unimmunized and partially-immunized children and pregnant women in two high priority districts of Uttar Pradesh and Meghalaya, India	Uttar Pradesh and Meghalaya (India)
5.	Catholic Relief Services United States Conference of Catholic Bishops	CGPP documentation, Influencers' motivation and, contribution to Polio vaccination and beyond	Uttar Pradesh (India)
6.	International Union Against Tuberculosis and Lung Disease (The Union)	Development of Knowledge Management Portal for TB Mukht Bharat	India
7.	Nutrition International "NI"	Conduct rapid assessment and suggest recommendations/ interventions to strengthen supply chain for Iron and Folic Acid (IFA) & calcium supplementation for Pregnant & Lactating women	Gujarat & Madhya Pradesh

S. No	Client's Name	Assignment Name	Location
8.	German Development Cooperation GIZ GmbH New Delhi	To support the Development of Digital Platform for Sharing Information by ULBS on Plastic Waste Management in the State of Uttar Pradesh	Uttar Pradesh (India)
9.	German Development Cooperation GIZ GmbH New Delhi	To support the Development of Online self-learning course modules on Solid Waste Management for Northern Railways	Uttar Pradesh (India)
10.	Lords Education and Health Society New Delhi	Design and Development Digital Health Management Information System (DHMIS)	India
11.	CARE India Solutions for Sustainable Development	Web-Based Management Information System (MIS) with Geo tagging and mobile application (Android) for livelihood project	Gujrat, MP & Punjab (India)
12.	AAJEVIKA Bihar Rural Livelihoods Mission, Govt. of Bihar	Establish ERP based MIS for AAJEVIKA, Bihar Rural Livelihoods Mission	Bihar (India)
13.	Directorate of Environment (DoE), Government of Uttar Pradesh India	Design & Development Climate Change Knowledge Portal in consultation with DoE and GIZ	Uttar Pradesh (India)
14.	Directorate of Environment (DoE), Government of Uttar Pradesh India	Desing & Development of E- Learning Platform (web & mobile app based)in consultation with Directorate of Panchayati Raj, UP & GIZ	Uttar Pradesh (India)
15.	Gorakhpur Environmental Action Group (GEAG) Gorakhpur Uttar Pradesh India	Development of E-Learning Courses for Panchayati Raj Institutions/Functionaries	Uttar Pradesh (India)
16.	Nagaland Health Project (World Bank), DoHFW Govt. of Nagaland	Consulting services for State- wide integrated Health Management Information System in the Department of Health & Family Welfare, Government of Nagaland, Under Nagaland Health Project	Nagaland (India)

S. No	Client's Name	Assignment Name	Location
17.	Nagaland Health Project (World Bank), DoHFW Govt. of Nagaland	nCOVID-19 Integrated Application Platform for Department of Health & Family Welfare, Government of Nagaland	Nagaland (India)
18.	UNITED NATIONS CHILDREN'S FUND (UNICEF) India	Mantra, Labor Room Online MIS (Delivery and Referral Register) with T- analytica	Uttar Pradesh (India)
19.	Indian Army - Assam	nCOVID-19 Application for Indian Army - Assam	Assam (India)
20.	Garhwa District Administration	Kanya Vaani Helpline	Jharkhand, (India)
21.	India Health Action Trust (IHAT), India, GoUP TSU	Integrated Digital Platform for National Health Mission - Community Process Division	Uttar Pradesh (India)
22.	World Bank, Washington DC	Development of Open Bank Feedback Application (Phase 1)	Afghanistan, All Provinces
23.	MAMTA – Health Institute for Mother & Child	Development of mobile application on Nutrition, Mental Health and SRH	Orissa (India)
24.	London School of Hygiene & Tropical Medicine (LSHTM)	Design and development of Data Informed Platform for Health (DIPH) Web interface (Phase 1) & (Phase 2)	Ethiopia
25.	Johns Hopkins Centre for Communication Program India and UNICEF	Digital Monitoring Software and Dashboard (Android, and Web)	Uttar Pradesh (India)

S. No	Client's Name	Assignment Name	Location
26.	Johns Hopkins Centre for Communication Program India and UNICEF	TIKA: The Immunization Knowledge sharing APP Web & Android	Uttar Pradesh & Bihar (India)
27.	Child in Need Institute (CINI)	Development of android based solution to track all entitlements, its violations grievances and gaps in relevant service delivery concerning adolescents.	Jharkhand (India)
28.	Save the Children, India	Stop Diarrhoea Helpline/ Call centre, IVR and SMS an Analytics services to support the Stop Diarrhoea Initiative Program in Uttar Pradesh – SHISHU	Uttar Pradesh (India)
29.	National Institute of Hydrology – Roorkee	Development of Web-based Dynamic IT Framework for Evaluation of Performance of Projects.	Bhopal (India)
30.	SIFPSA (GoUP)	mSehat (Technical Support to SIFPSA)	Uttar Pradesh (India)
31.	Public Health Foundation of India	IDEAS-Data Informed Platform for Health (Web MIS)	West Bengal (India)
32.	Centre for Population Health and Development	Technical Support to Panchayati Raj Institution MIS (Web and R)	West Bengal (India)
33.	Population Foundation of India	National Health Mission Rogi Kalyan Samiti (RKS) MIS	Uttar Pradesh (India)
34.	Alive & Thrive, FHI360	Strategic Use of Data training module and dashboard design to strengthen implementation of Poshan Abhiyan, the National Nutrition Mission, Govt. of India	Uttar Pradesh (Pilot), National level advocacy
35.	Basic shiksha parishad, Govt. of Uttar Pradesh (Self-financed)	Spread Creativity – Creativity Capsule based curriculum delivery in Government Upper Primary Schools	Uttar Pradesh (India)

Ongoing Projects..

Project-1: Consulting services for State- wide integrated Health Management Information System in the Department of Health & Family Welfare, Govt. of Nagaland, Under Nagaland Health Project.

Client: N.H.P (World Bank), DoHFW Govt. of Nagaland

Project-2: Establish ERP based MIS for Bihar Rural Livelihoods Mission

Client: AAJEVIKA Bihar Rural Livelihoods Mission, Govt. of Bihar

Project-3: Mantra, Labor Room Online MIS (Delivery and Referral Register) with T- analytica

Client: UNITED NATIONS CHILDREN'S FUND (UNICEF)

Project-4: Design and Development Digital Health Management Information System (DHMIS)

Client: Lords Education and Health Society New Delhi

Project-5: Customization, Development, Deployment, Integration, and Maintenance of Municipal Software's for Urban Local Bodies.

Client: Uttarakhand Public Financial Management Strengthening

Project-6: Desing & Development of E-Learning Platform (web & mobile app based)in consultation with Direc- of Panchayti Raj, UP & GIZ

Client: Directorate of Environment (DoE), Government of U.P. India

Project-7: Behavioral Insights action research project to support improved Routine Immunization among unimmunized and partially-immunized children and pregnant women in two high priority districts of Uttar Pradesh and Meghalaya, India

Client: UNITED NATIONS CHILDREN'S FUND (UNICEF)

Project-8: Conduct rapid assessment and suggest recommendations/ interventions to strengthen supply chain for Iron and Folic Acid (IFA) & calcium supplementation for Pregnant & Lactating women

Client: Nutrition International "NI"

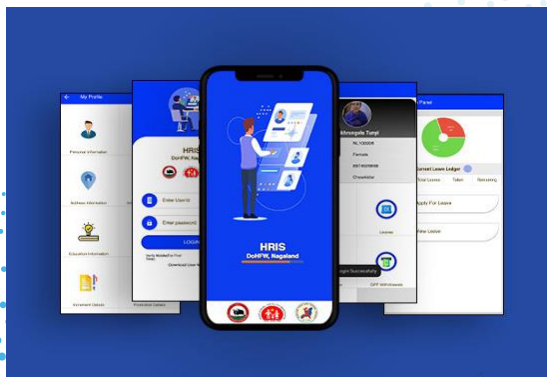
Project-9: Consulting services for capacity building and training purposes of elected representatives of Department of Panchayati Raj on Localization of SDG

Client: Department of Panchayati Raj Dehradun Uttarakhand

Project-1: Consulting services for State- wide integrated Health Management Information System in the Department of Health & Family Welfare, Govt. of Nagaland, Under Nagaland Health Project.

Project Description: NHP aims to strengthen the state's health system functions by developing and implementing an integrated health information communications and technology (ICT) system - comprising of multiple applications (web-mobile, online-offline) to automate system processes catering to specific systemic needs, and built on a robust, seamlessly connected, shared, non-redundant architectural backbone.

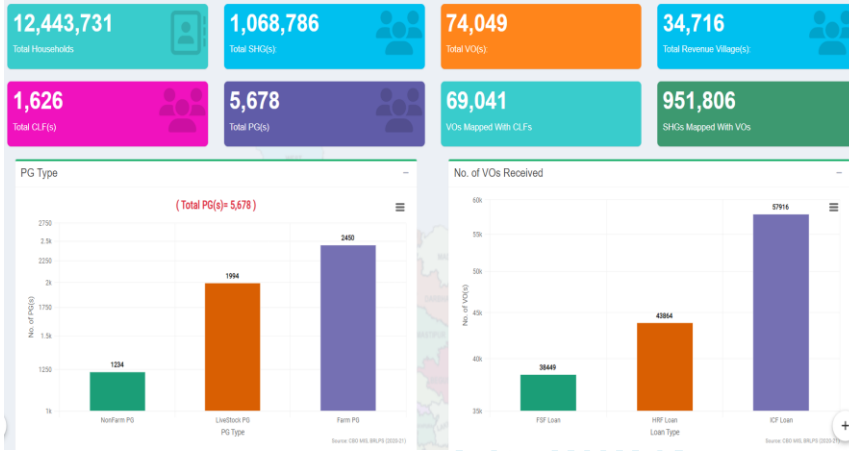
Platform: Hospital Information System (OpenMRS, Bahmni) for all 11 District Hospitals; **Android** app for HR MIS, Biomedical Waste Management, and Facility Project Monitoring (Online & Offline); **Web App** for Integrated HMIS; **Web based admin** and reporting system; **Web dashboard (GIS enabled)**; SMS based **authentication** and **beneficiary feedback** system; SMS Reminders & Alerts.



Deliverables/output : Inception Report, Architectural design, Bio-metric captured, HR data, GIS mapping of all health facilities, System run of Project management system NHP, Go live: Directorate, CMO & DH, System run of HRMS & HMIS module, System run of Hospital Management system, Dashboard for top management, Web portal of the department of health & Family Welfare, Handling over of entire integrated information system, Monitoring & Maintenance.

Status: Used in all 11 District Hospitals for OPD, IPD, Pharmacy, Laboratory, and Billing; Used by over 11,000 DoHFW staff.

Project-2: Establish ERP based MIS for AAJEVIKA, Bihar Rural Livelihoods Mission, Govt. of Bihar



Project Description: Development and implementation of new application with the modules in CBO-MIS and Project MIS. The new modules will be rolled out in parallel with existing one until the new application is correct, completely tested, stable and consistent and with all the modules and its integration with other applications, if applicable.

Platform: **Android** app for BRLPS HR facilitators (Online & Offline); **Web App** for Program Management, Finance, and Procurement teams; **Web based admin** and reporting system; **GIS based Dashboard**.

Deliverables/output: SRS Development, System Study, Design, development, customization of application, Roll out of ERP solution, Report on Roll out of MIS applications, Refresher technical training of MIS team on the modules/functionalities in application, Technical training on all the modules to the MIS team at SPMU.

Status: Used across 38 Districts and 530 Blocks of Bihar. Over 7,500 employees using the system. Dashboard integrates data for 1.1 Million SHGs and 12 Million SHG members.



Project-3: Mantra, Labor Room Online MIS (Delivery and Referral Register) with T- analytics

Project Description: MaNTrA is an e-health platform that digitizes admission, labor, and referral records in Uttar Pradesh's public hospitals. It captures detailed health data, interventions for mothers/newborns, complications, delivery outcomes, and survival. MaNTrA has been implemented in 4,300 facilities, covering 70% of public sector deliveries and logging 15,000 maternal and 180,000 newborn complications. It is integrated with the Indian Civil Registration System and ABDM ecosystem to enhance care quality.

Platform: Android app for Health Facilities (Online & Offline); Web App for Health Facilities; Web based admin and reporting system; Web dashboard (GIS enabled); using R-shiny and python, SMS based beneficiary feedback system; SMS Reminders & Alerts.



Deliverables/output : Design, develop, and implement a comprehensive First Referral Unit (FRU) MIS to support FRU's capture beneficiary wise delivery and referral details. Develop a multi layered, multi user, modular web-based decision support system to assist FRU, District, State level health officials to monitor key delivery and referral indicators. Training and ongoing capacity building of the system users, health managers, and M&E team to optimally use the developed system. Iteratively evolve the system as per the learning acquired.

Status: Implemented across all 75 districts of Uttar Pradesh, in ALL of ~4,300 (100%) delivery points, HRMS linked data base of over 12,000 staff-nurses & ANMs; designated in the LR.

Project-4: Design and Development Digital Health Management Information System (DHMIS)

A screenshot of the WISH login interface. It features a yellow background with several input fields: "Username" with a user icon, "Password" with a lock icon, a CAPTCHA field showing the text "4 j i a m x" with a refresh icon, and "Security Code". A blue "Login" button is positioned at the bottom of the form.

Project Description: Implementation of a comprehensive health and wellness center information system – comprising of community electronic medical records (EMR) and health information system (HIS). Assess HWC facility (SC and PHC) level gaps, Digitize households and population data, Automate SC, PHC, and CHC service-delivery and referral work-flows, Automate SC and PHC inventory management, Interoperability with existing state or national ICT systems.

ASHA Application-Population Enumeration, Identification and counselling of target beneficiaries, Track, mobilise and motivate beneficiaries for ANC, PNC, Immunization and Family Planning services using automated due-lists.

Platform: Bahmni HIS - (OpenMRS + OpenERP/Odoo + OpenELIS) (Electronic Medical Record) with R-Dashboard, HWC Android Application R-Dashboard.

Deliverables/output: Develop a multi layered, multi user, modular web and mobile -based Public Health Information System and decision support system, Integration of HMIS with National Health ICT systems and ABDM, Training and ongoing capacity building of the system users and other stakeholders to optimally use the developed system, and To iteratively evolve the system as per the learning acquired over the entire duration of assignment.

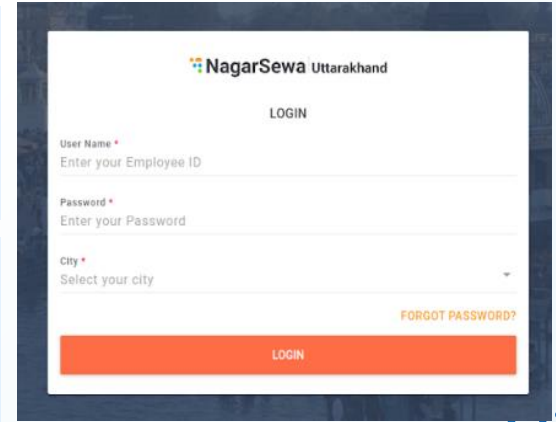
Status: Developed INTEGRATED information system linking Beneficiaries, FLWs, HWCs, PHCs, CHCs and District Hospitals, and Enables access to TELEMEDICINE CENTRAL HUBS .



Project-5: Customization, Development, Deployment, Integration, and Maintenance of Municipal Software's for Urban Local Bodies

Project Description: Customize, integrate, and develop software for UDD's identified modules including Financial Accounting, Revenue, HRMs, and Inventory. Modules implemented in Nagar Nigam Dehradun via Smart City Dehradun will be extended statewide. Integration with state treasury and government systems may be necessary as per UDD requirements.

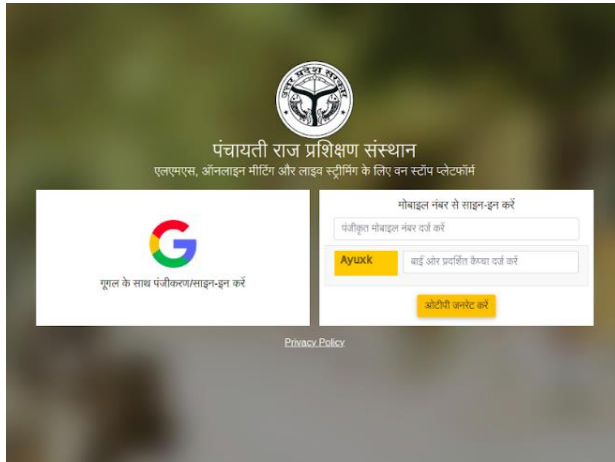
Platform: API Infrastructure: Spring Boot, Open API 3.0, Swagger 2.0, CXF 3.0. **Database:** MySQL, Postgres, Oracle Mobility: Ionic Framework, Cordova etc. **Analytics Reporting and Dashboard:** Python, Dash, Jasper, Birt Security: COTS, Anti Virus, Form Signer, PKCS Infrastructure, Web Security etc. **Technologies used for NUS Platform:** DevOps-SysOps,AWS/Azure, Docker, Kubernetes, and Python.



Deliverables/output : Provides a detailed project plan, including the scope of work, timeline, and budget. Provides a Software Customization Requirements Specifications (SRS), Software developing the customized software, including the prototype, Testing (UAT), Training to users on how to use the software, Deploys the software to all users. Migration data from the old system to the new system. Implements the software in all ULBs, Support and Handholding.

Status: In development- Core Accounting Module, and Integration- Revenue Module, HRMS & Payroll Module, and Inventory Module .

Project-6: Desing & Development of E-Learning Platform (web & mobile app based)in consultation with Direc- of Panchayti Raj, UP & GIZ



Project Description: Develop the E- Learning Platform (web & mobile app based) with robust architecture, secured, and flexible to integrate different e-learning features. Develop e-learning framework based on multi-layered business, content, and operational components along with multitenancy supports. A learning management system (LMS) with a seamless learning experience allows learners to take courses using the LMS and also provides an instructor dashboard that users who have the Admin or Staff role can access by selecting Instructor.

Platform: Web & Mobile App based E- Learning and meeting management platform.

Deliverables/output: Discussions: Course discussions are managed by an IDA called comments (also called forums). Mobile Apps: The Open edX project includes a mobile application, available for iOS and Android, that allows learners to watch course videos and more. Analytics: Events describing learner behavior are captured by the Open edX analytics pipeline. Results are published in MySQL.

Status: learners to take courses using the LMS and also provides an instructor dashboard.

हमारे पाठ्यक्रम



उत्तर प्रदेश में एमकेएसपी के तहत महिला स्वयं सहायता समूहों के लिए जलवायु परिवर्तन अनुकूलन पर क्षमता विकास

कृषि और संबद्ध गतिविधियों में जलवायु परिवर्तन अनुकूलन महिला विज्ञान सशक्तिकरण परियोजना (एमकेएसपी)



जलवायु परिवर्तन अनुकूलन: पंचायती राज संस्थाओं का क्षमता विकास

उत्तर प्रदेश में पीआरआई-सदस्यों के लिए जलवायु परिवर्तन अनुकूलन पर क्षमता विकास

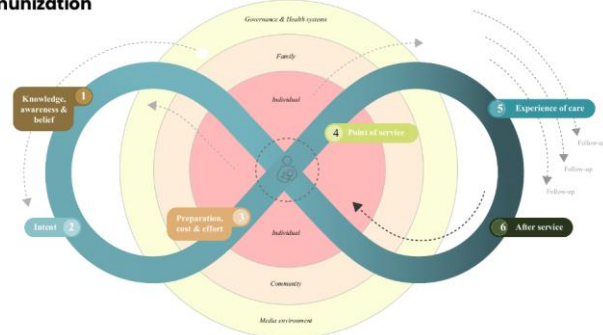
Starting from: June 29, 2022

Project-7: Behavioral Insights action research project to support improved Routine Immunization among unimmunized and partially-immunized children and pregnant women in two high priority districts of Uttar Pradesh and Meghalaya, India

Project Description: A combination of qualitative and quantitative research methods has been planned for understanding the multilevel factors associated with immunization uptake. **Objective-** Identify the facilitators and barriers of vaccine confidence and uptake at the individual and social level, Design and innovate "methods and tools" to increase the immunization uptake using human-centric design following behavioral science approaches, and Demonstrate the efficacy of these tools following an experimental design (viz; cRCT), document (how to), and provide policy recommendations.

Platform: Used the **Qualitative** and **Quantitative** study methodology.

Caregivers Journey to Health and Immunization



Deliverables/output : Phase-I (Qualitative): The purpose of conducting the qualitative study was to validate the existing list of constructs from the literature review and explore the list of new behavioral constructs such as influencers, barriers, and enablers which can be quantified in the quantitative phase. Phase II (Quantitative): The purpose of the quantitative study is to measure the effect of behavioral factors, which are identified during the qualitative phase, on immunization uptake.

Status: Altogether, a total of 60 in-depth interviews and 24 FGDs (1 FGD=6-7 participants) were conducted.

Project-8: Conduct rapid assessment and suggest recommendations/ interventions to strengthen supply chain for Iron and Folic Acid (IFA) & calcium supplementation for Pregnant & Lactating women

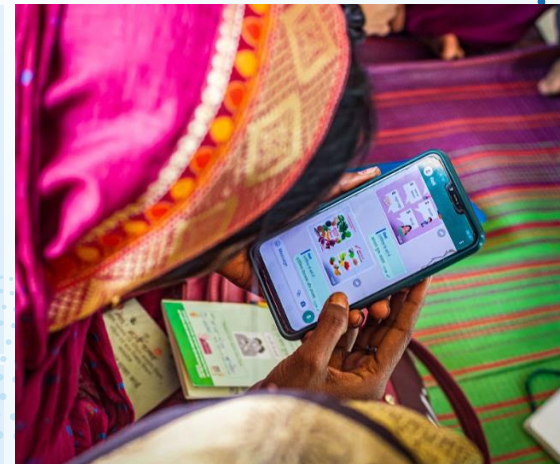


Project Description: The study aims to identify gaps in implementing the Anemia Mukta Bharat (AMB) recommendations for the state of Madhya Pradesh and Gujarat. findings and provides suggestive recommendations to improve last-mile delivery of Iron and Folic Acid (IFA) and Calcium supplements following the AMB recommendations of the government of India. Focused capacity building on aspects of supply chain management, record keeping and development of micro plan for ensuring last mile delivery of IFA and Calcium supplements.

Platform: Mixed methodology survey was conducted and **WhatsApp based chatbot developed.**

Deliverables/output: Conducted rapid assessment survey in to identify Gaps in accordance with Anemia Mukta Bharat guidelines. Capacity building of health system decision-makers on key 6 aspects of supply chain management as per AMB guidelines, Development of micro plans at all levels for ensuring last-mile delivery of IFA, folic acid, and calcium supplements. Use of a simple digital application that is relatively precise, Focus on demand generation, by tracking the beneficiaries, and greater engagement through family and community-level advocacy, using IEC & BCC tools.

Status: Interactive and tailor made WhatsApp based chatbot was developed and piloted in the select blocks of Madhya Pradesh.



Project-9: Consulting services for capacity building and training purposes of elected representatives of Department of Panchayati Raj on Localization of SDG

Project Description: The Directorate of Panchayati Raj, established under the National Gram Swaraj Abhiyan scheme, aims to offer training to elected office bearers and personnel across all three tiers of panchayats. Additionally, it includes officers and employees from various line departments, focusing on comprehensive capacity development. A training program has been meticulously designed for personnel at the Gram Panchayat, Kshetra Panchayat, and District Panchayat Development Plan levels. This program covers line development block-level personnel as well as Gram Panchayat members at both Nyaya Panchayat and Gram Panchayat levels.

Platform: The training was delivered by a local, qualified master trainers.



Deliverables/output : Provided a 2 days training program based on 9 themes- 1- Poverty free and advanced livelihood village, 2- Healthy village, 3- Bal Hiteshi Village, 4- Water sufficiency village, 5- Clean and Green Village, 6- Self-sufficient village with Infrastructure, 7- Socially safe village, 8- Well mannered village, 9- Engendering Development in village. Recap and feedback session was done In the end, the District Panchayat President and the District Panchayat Raj Officer and Program.

Status: Executed a two-phase, two-day training program, educating 250 district-level and 24,000 block/Nyaya Panchayat officials across nine key themes in Tihri District, Uttarakhand.

Award and Recognition Programs.

The DHIS2 Annual Conference

Moltke Moes vei, Oslo

PHC Primer Authors' Workshop

Geneva, Switzerland

Digital Transformation Event

Patna Bihar

ICT for Inclusion Challenge Edition

India

Bridging the Climate Change Research and Policy Gap for Enhanced Local Climate Action in Uttar Pradesh

Lucknow Uttar Pradesh

The DHIS2 Annual Conference



The DHIS2 Annual Conference is a highly anticipated event that brings together experts, practitioners, and stakeholders from around the world in the field of health information systems. DHIS2, which stands for District Health Information Software 2, is a versatile and customizable open-source software platform used for the collection, management, analysis, and visualization of health data. By bringing together experts from diverse backgrounds, the conference plays a crucial role in advancing the field of health information systems and contributing to the betterment of healthcare worldwide.

In this conference we are presenting the DHIS2 enabled Result-Based Financing to enhance Community Action for Health and Nutrition in Nagaland, India. Nagaland Health Project (NHP) uses DHIS2 to improve health and nutrition in Nagaland. DHIS2 is used to collect, track, and monitor data on health committees, health workers, and health outcomes. DHIS2 has helped to activate non-functional health committees, improve gender representation, and strengthen community ownership and participation. DHIS2 has also helped to improve financial management transparency, and has resulted in improved record maintenance.



Digital Transformation Empowering Communities for Sustainable Livelihoods



JEEVIKA orchestrates triumph in spearheading the digital transformation of rural Bihar! This conference shall offer an interdisciplinary platform for IT leaders, digital innovators, and policymakers to showcase and discuss the latest innovations, trends, and challenges in digital transformation at the grassroots-level. Let's come together to embrace innovation and create new opportunities for growth! Session Themes are: Nurturing Technological Growth: AI/ML, GIS, Remote Sensing and beyond, Building Secure and Resilient IT Infrastructure for Community Advancement, Digital Solutions for Empowering and Enriching Livelihoods.

The event was chaired by the CEO Bihar Rural Livelihoods Promotion Society, Mr. Rahul Kumar. The resounding success of the Digital Transformation Conclave 2023 witnessed profound deliberations with eminent industry luminaries hailing from the illustrious ranks of Information Technology Department, World Bank India, Google, Microsoft, Amazon Web Services, Netwitness, Gates Foundation India, SRIT, Automation Anywhere, Tattva Foundation, and Cloudstrats. This enlightening discourse traversed the realms of artificial intelligence, machine learning, data security, and the imperative of fortifying the capacity for digital progression.



PHC Primer Authors' Workshop

Tattva Foundation is proud to have multiple authors contributing to the chapter on Digital Health in the 'PHC Primer' - a global publication on Primary Health Care by the European Observatory on Health Systems and Policies and the World Health Organization (WHO).

This 'PHC Primer' will present the latest evidence on implementation efforts of the PHC approach and its impact to support countries in their trajectories going from fragmented, hospital- and/or provider-centric to holistic and PHC-oriented healthcare systems.

The Primer will be launched at a Primary Health Conference in October 2023, before the WHO Regional Office for Europe Regional Committee, to celebrate the 5th anniversary of the Declaration of Astana.



Bridging the Climate Change Research and Policy Gap for Enhanced Local Climate Action in Uttar Pradesh

Department of Environment, Forest, and Climate Change, Government of Uttar Pradesh in collaboration with the NATIONAL INSTITUTE OF DISASTER MANAGEMENT (NIDM), and GIZ India held a workshop. The event was anchored by Mr. Ashish Tiwari (Secretary, EF&CC Department) and inaugurated by Chief Guest Dr. Arun Kumar Saxena, Hon'ble Minister of State (Independent Charge) of Environment, Forest and Climate Change Department, Guest of Honour Mr. Manoj Singh, Additional Chief Secretary, EF&CC Department, and special guests Mrs. Mamta Sanjeev Dubey, PCCF & HoFF UP and Prof. Anil Kumar Gupta, HoD NIDM, New Delhi.



The one of its kind workshop aimed at transforming academic research into policies where academia and scientists from across the state presented their evidence-based climate policy suggestions to policymakers and understood their research needs. The workshop also announced #Shelter, a self-learning and networking platform for the elderly and specially-abled persons in collaboration with Tattva Foundation, Lucknow, and Gorakhpur Environmental Action Group -GEAG. #Shelter uses artificial intelligence and machine learning to exchange personalized climate change-related information in regional languages.



ICT for Inclusion Challenge Edition



The ICT 4 Inclusion Challenge (ICT4IC) India Edition 2022 which this year focused on the topic of “Mitigating the impact of climate change on people with disabilities and older people in India. The aim of this challenge is to develop digital and technical innovations which are designed to alleviate the impact of climate change and disaster related risks for people with disabilities and elderly people in India. For example, an energy efficient digital device or application, that is made disability inclusive or universally accessible; or a program that raises awareness around technology-based inclusive climate action and inclusive disaster risk reduction.

After a two-month application period in June and preselection down to 16 teams, 8 teams were invited to conduct in-depth expert interviews in September. From this group, 7 teams successfully pitched their solutions and 3 teams were short-listed to be part of the Zero Project Impact Transfer Program, the first accelerator to support the internationalization of innovative solutions for disability inclusion. Finally, these 3 teams had to pitch their solutions in front of a high-ranking jury, made up of 10 members including Atos executives as well as leaders from GIZ, German Federal Ministry for Economic Cooperation and Development, civil society and international organizations like World Institute on Disability plus the partners Zero Project and Ability Foundation. Shelter is interactive Artificial Intelligence-enabled information access and social networking platform generating personalized alerts and mitigation strategies, to support older persons and persons with disabilities with 4 focus areas: Self learning, Gamification, Peer-to-peer engagement & AI/ML enablement.

Thanks!



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