National Informatics Centre
MP State Centre, Bhopal

20th CSI SIG e-Governance Awards 2022

Dated: 27-03-2023

GeoReach (Geomatics based Rural Roads Enterprise Application for Connecting Habitations) https://gismp.nic.in/georeach project bagged **e-Governance Award of Excellence 2022** on 25th March'23 held at DTU, New Delhi under Project Category.

NIC Team Shri Vivek Chitale, DDG & ASIO, Ms Geetanjali Mehta, Sr. Director, Sh. Rajendra Upadhayay, Director, Sh. Nilesh Mandloi, SSA along with Ms Tanvi Sundriyal IAS CEO MPRRDA & others receiving Award.

In M.P., construction of around 12,000 KM of rural roads under MP Rural Connectivity Project (**MPRCP**) scheme of GoMP is being funded by **World Bank** and **Asian Infrastructure Investment Bank (AIIB)**.

Project being externally funded, required intense quality checks, pragmatic billing procedures meaning complete revamp of the existing methods. World Bank & AIIB insisted that all construction related activities be brought together on one platform with :

- Zero latency
- Ease of doing business
- Digital empowerment

GeoReach an enterprise e-Governance end to end solution based on open source cutting edge technologies to facilitate construction of roads was offered by NIC, M.P. Since 2017, approx Rs. 3020 crores of payment has been disbursed to Contractors through PFMS.

Salient Features of GeoReach:

- Comprehensive Billing modules with online payments supported by PFMS.
- Digital Inclusion (On boarded Contractors, SQC, SQM, Bankers), Electronic Dashboard, Reports and Support service.
- Random allocation and expiry of SQM through scheduler for Road Inspections.
- Open web Technology along with Cryptography, SSL, Digital Signature.
- GIS and Remote sensing technologies for planning and Management. Integrated with Google maps and ESRI imagery.
- Support 3M (Mobile Messaging and Mail).
- Facility to upload geo-tagged images being used by higher authorities for payment and monitoring.

Special Interest Group

SIG e Gov
eGovernance

Computer Society of India
20th CSI SIG eGovernance Awards 2022

Project Category - State Government

AWARD OF EXCELLENCE

is conferred upon

GeoReach (Geomatics based Rural Roads Enterprise Application for Connecting Habitations)

**Madhya Pradesh Rural Road Development Authority
Govt. of Madhya Pradesh
&
NIC Madhya Pradesh State Centre**

Recently World Bank also admired NIC-MP team for coming out with such first-of-its-kind Software in Roads Sector which has tremendous potential of its replication in other construction projects too. They congratulated for commendable efforts for conceptualizing such system, its timely development & continued support.

THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP

India: Madhya Pradesh Road Connectivity Project (MPRCP)
Letter of Appreciation

On behalf of the World Bank team, I would like to express my sincere admiration to the team Madhya Pradesh Rural Road Development Agency (MPRRDA) for conceptualizing a new system 'GeoReach' and to National Informatics Centre (NIC) team for developing the system. This initiative has fully complied to the expectations of the World Bank and helped in timely and efficient execution of our project.

GeoReach (**Geo**matics-based **R**ural Roads **E**nterprise **A**pplication for **C**onnecting **H**abitations) is an Enterprise e-Governance solution to facilitate monitoring of Rural Roads being constructed under MPRCP scheme of Government of Madhya Pradesh funded by the World Bank and Asian Infrastructure Investment Bank (AIIB).

It has facilitated online generation of Bills (Advance Bills, RA Bills and Release Vouchers), its processing, approval, digital signing and final payment into contractor's account through PFMS. Since 2017, construction of around 4113 roads of 8585 km. length has been carried out and 2633 crore have been disbursed directly into contractor's account. Generation of request for inspection), stage passing inspection module, randomization of sqms for assignment of roads for inspection are appropriately designed and implemented. Its GIS module provides us holistic view of entire Rural Road network of Madhya Pradesh and adds an extra dimension in analysis & decision-making process.

This Web-based system has facilitated efficient monitoring of various construction activities being executed at PIUs remotely located from our Head office & other locations. Instant availability of IUFR reports has helped in timely reimbursement of loan installments. I congratulate NIC-MP team for coming out with such first-of-its-kind Software in Roads Sector.

We congratulate MPRRDA & NIC MP team for commendable efforts for conceptualizing such system, its timely development & continued support. It is an innovative product development in the Road Construction domain which has tremendous potential of replication in other construction projects.

Thank you once again for all your contribution.

Reenu Aneja
Task Team Leader & Transport Specialist
South Asia Region

India Country Office, 70 Lodi Estate, New Delhi 110 003, India
P.O. Box 416, Phone: +911141479301 / +911149247601

Input by: GeoReach Team NIC MP