# WELCOME

## ‘Delivering Successful Projects in a Changing Environment’

**Live Demo and Presentation by**
**Raja Seevan**
Founder Trustee
rajaseevan@indiancst.in or rajaseevan@gmail.com

**Bringing Efficiency, Transparency and Accountability into Publicly funded projects/portfolios using GPMS Cloud**

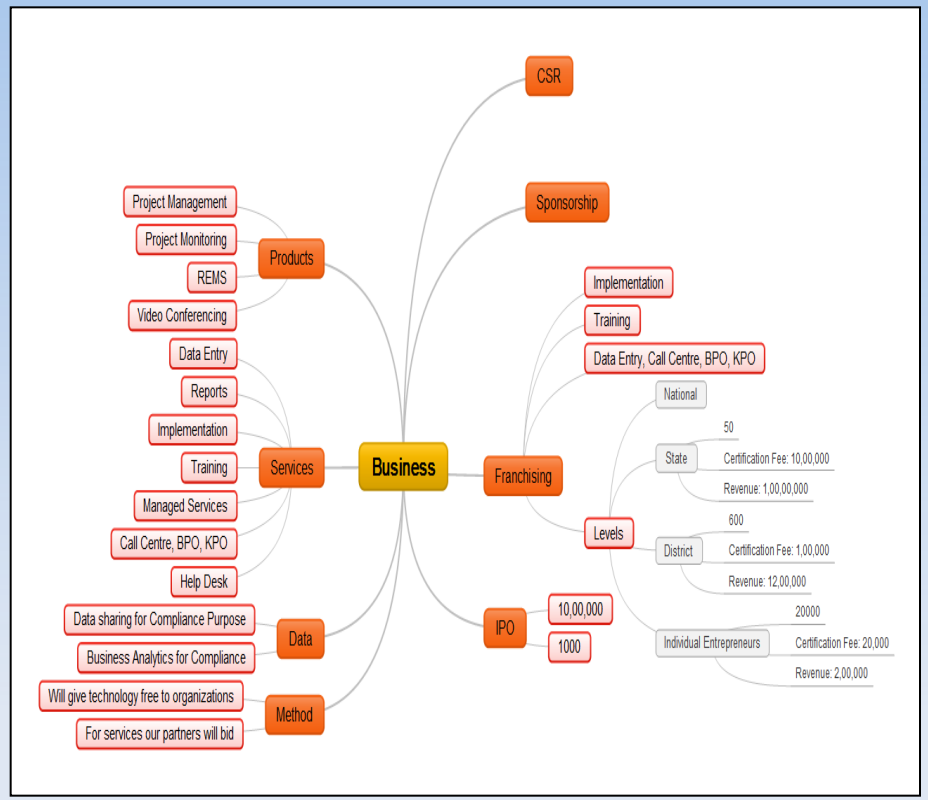
**Visit www.gpms.in/gpmswiki for more details**

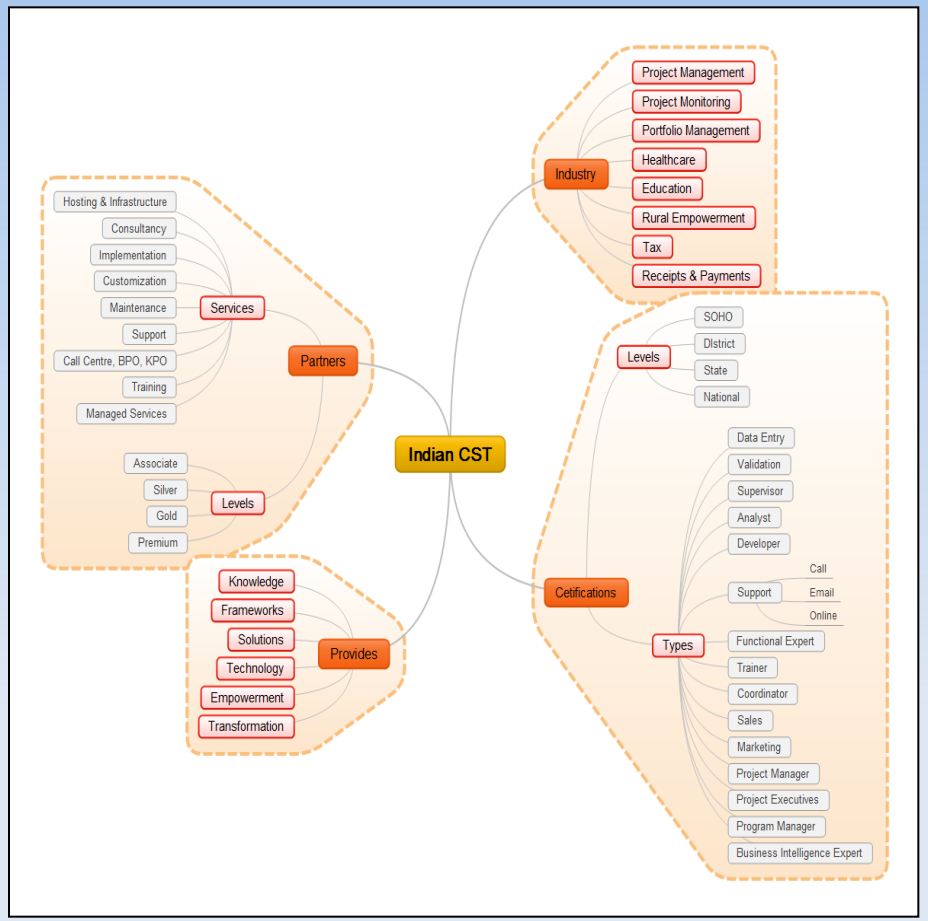
(A Registered Trust : Established on 14 November 2009)

**Indian CST is a public charitable Trust with a mission to work towards realization of a national vision set out in Article 51A (j) of the Indian Constitution regarding the Fundamental Duty of Indian Citizens i.e.**

**"to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavor and achievement."**

# Indian CST Overview
# Business on Social Transformation




www.indiancst.in

www.gpms.in/gpmswiki

# Transforming India

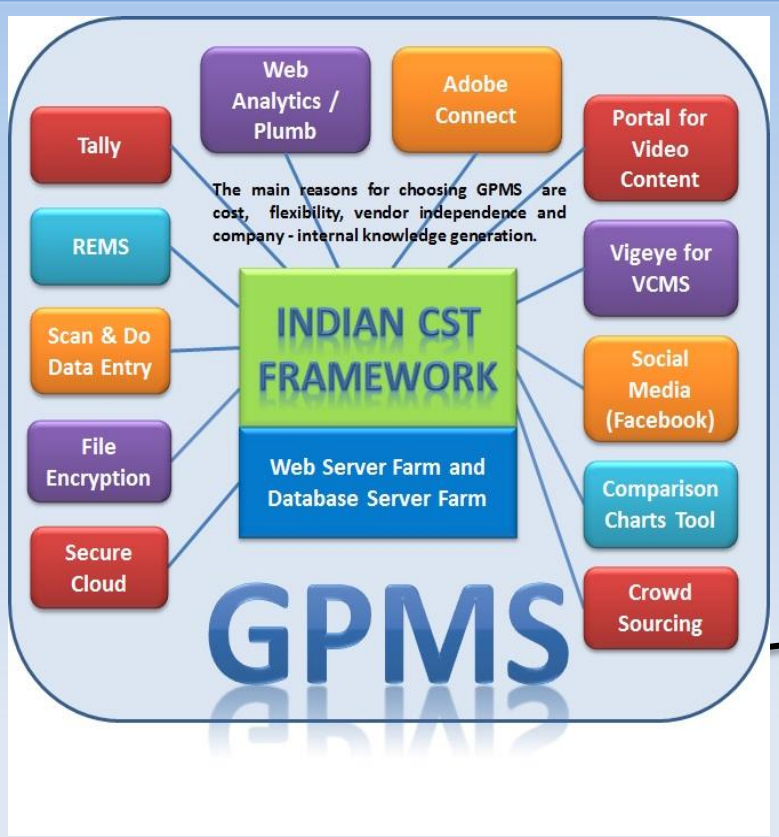
# Expertise's available related to the project available at Indian CST

- Providing Technology, Project Coordination, Project Management and Monitoring relevant to the project
- Providing GPMS secured cloud setup, customization and maintenance
- Providing survey forms, with clear demarcation of field questions and questions to be filled up in the field
- Providing completed surveys to be uploaded into GPMS
- Suggesting mobile devices, Tablet PC and GPRS- enabled sim cards for each mobile and end-to-end solution for the survey system
- Providing Data Center Infrastructure and Bandwidth as required for the project
- Overall administration of the project online
- Setting up, customizing and operating GPMS-REMS for the project
- Report generation for automatic statistical analysis
- Setting up & operating online help desk to provide field support
- Data backup and recovery will be updated as mentioned by Client
- Providing various Databases Integration into GPMS platform
- Providing customized mobile survey software
- Providing Backend software for mobile data processing, field database update
- Providing Mobile system tech online support
- Providing Data backup & recovery for mobile data and other data collected online

# What does Indian CST do

- It brings people together and works for their empowerment.
- It helps citizens to share their problems, pool talents and find solutions.
- It strives to provide relief for the poor, the distressed, the underprivileged.
- It encourages good governance and transparency and promotes efficiency and accountability.
- It works for cost effective solutions in all spheres of life.

# Indian CST GPMS Platform integrates various Tools & Techniques for Data Collection, Analysis with Correlations for Decision Making



**CLOUD COMPUTING**
**Government Performance Monitoring Solution**

**GPMS facilites enterprises whose requirements are not covered by standard software / platforms for real time monitoring**

www.indiancst.in

www.gpms.in/gpmswiki

# Integrated GPMS Cloud Computing Solutions as Services

GPMS for Project, Program and Portfolio Management e-tool that brings together global best practices to suit local requirements and skill sets with Metrics Management for Anyone, Any time and Any where to access & update information online

GPMS-Online Application Forms with Multiple Banks Payment Gate way System Integration for all 28 State Govt. Ministry Departments for data collection, Investment analyses for decision making across Districts in the State

GPMS-Mapping of Knowledge areas on GPMS Cloud for Cost comparison studies for that facilitates in arranging infrastructure like Land, Water and Power etc. similar works within and across organizations using Crowdsourcing model

GPMS-Investor Relationship Management , Monitoring Solution to enhance efficiency, transparency and governance in delivery through Single Window Clearance System of approved projects in the line Departments/agencies.

GPMS-E-File Document Management System Integrated with Digital Signature & Data Security that facilitates conversion of unstructured data to structured data that can facilitate necessary clearances / approvals from the Government Departments / Agencies online

GPMS- Online Survey System Single view of stakeholders and public inputs integration with multi-media technology (GPS enabled photographs, videos, etc.) evidence based feed backs for Government Departments / Agencies Remedial Actions

GPMS-Financial Payments / Receipts Management Monitoring System Integrated with Tally for utilization of public money by government and its various bodies that Increases transparency, accountability and efficiency in Government Departments

GPMS Communication Management System -Email, SMS, Mobile Task, Compliant System Integration with Geo Tagging for disseminating information about actual situation on work ground. by allowing them to comment and upload documents to the website for viewing or response by others.

GPMS- Beneficiary, Investor, MSME, Companies, etc. Verification System integrating ADHAAR UID system

Availability of information Public page integrated with Face Book in public domain enhances the transparency considerations

# Integrated GPMS e-Governance Cloud Computing Solutions that gets correlated constantly to provide reliable information for actionable intelligence

**Project Integration Management-Project Scope Management-Project Time Management-Project Cost Management-Project Quality Management-Project Human Resource Management-Project Communications Management- Project Risk Management- Project Procurement Management**

- 'Project Performance Monitoring Solution'
- Project Governance Solution for Funding Organizations
- PPP based Infrastructure Development
- Environmental Health Safety Monitoring
- 'E-governance City'*
- Payment and Revenue Management
- Geographical Information System
- Infrastructure Management
- Training & Mentoring Programs
- District, Urban, Rural Governance & Administration
- 'Government to Citizen' Services
- Investor Relationship Management
- Crowd Sourcing & Citizens Network
- Single Window Services
- 'E-File Management System' for Paperless office
- Birth, Death Registration
- Clinical Health Care
- GWAS and New Drug Discovery
- Health Care & Health care Information Therapy
- Education Performance Management System
- Promotion of Research & Social Entrepreneurship
- Public Sector Governance & Vigilance
- 'Governance Central Repository '*

Global Project Management Framework (GPMS)

T- Transparency and Technology * E- Empowerment and Efficiency *A- Audit Trails and Accountability *M- Metrics and Mutual Cooperation

**Brings Efficiency, Transparency and Accountability into Publicly Funded Projects/Portfolios using GPMS Cloud**

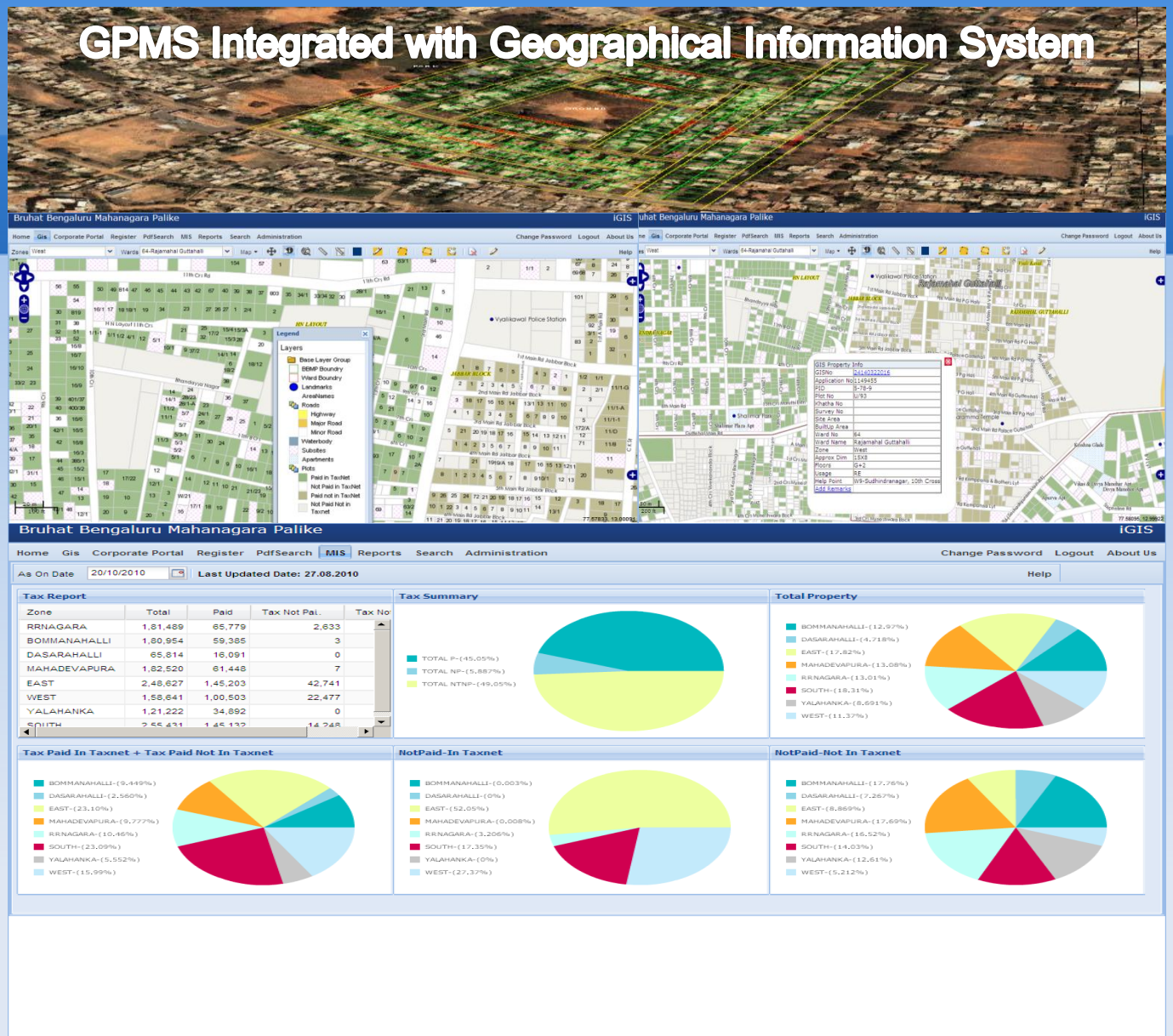
**National Data Sharing and Accessibility Policy-2012 (NDSAP-2012)**

**Department of Science & Technology Ministry of science & Technology Government of India enabled in GPMS....The National Data Sharing and Accessibility Policy will apply to all data and information created, generated, collected and archived using public funds provided by Government of India directly or through authorized agencies by various Ministries / Departments /Organizations / Agencies and Autonomous bodies.**

# Integrated with Real time Monitoring System

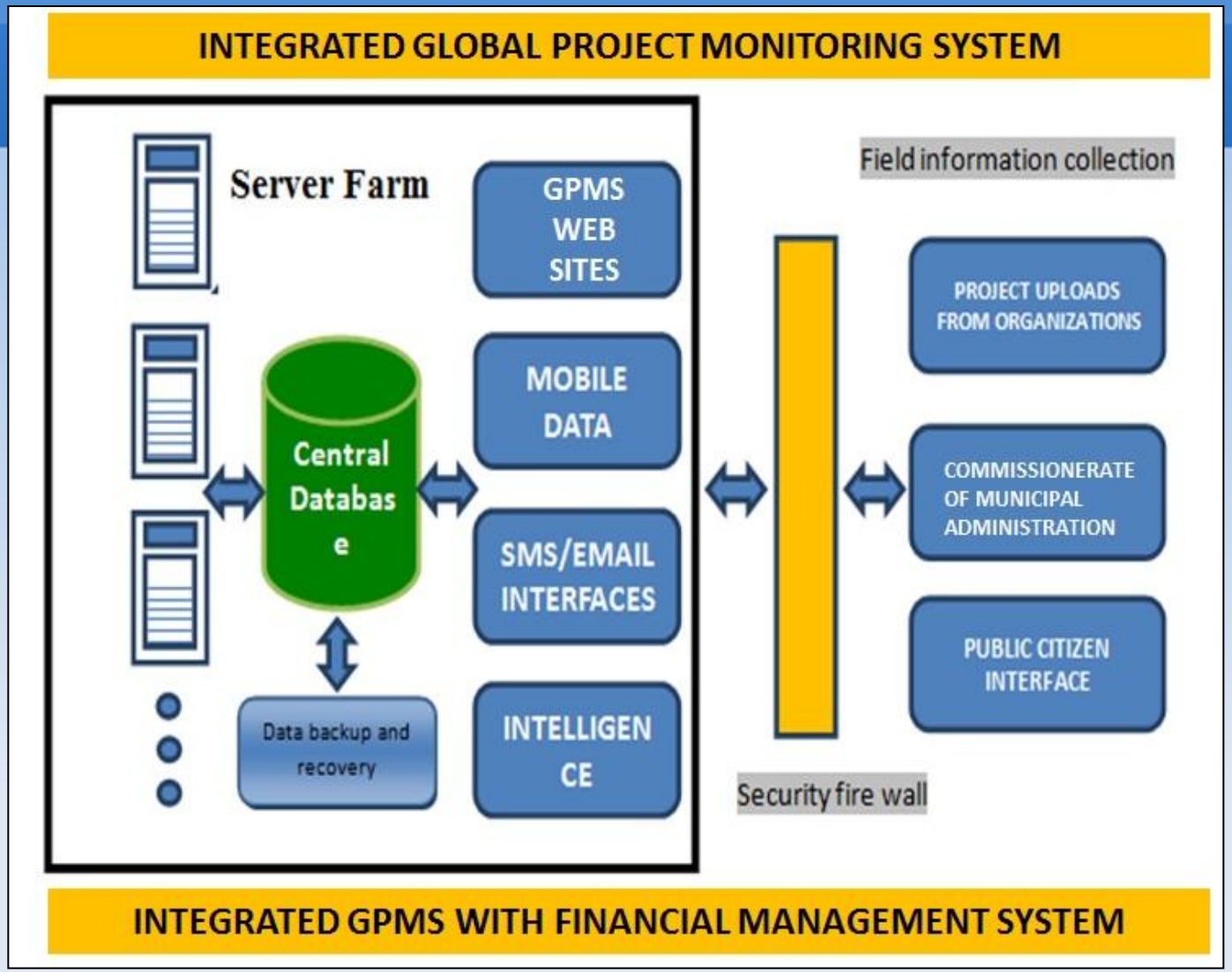
# GPMS integrated with Real time Monitoring System and Mobile Task Management System

# GPMS Integrated with Geographical Information System

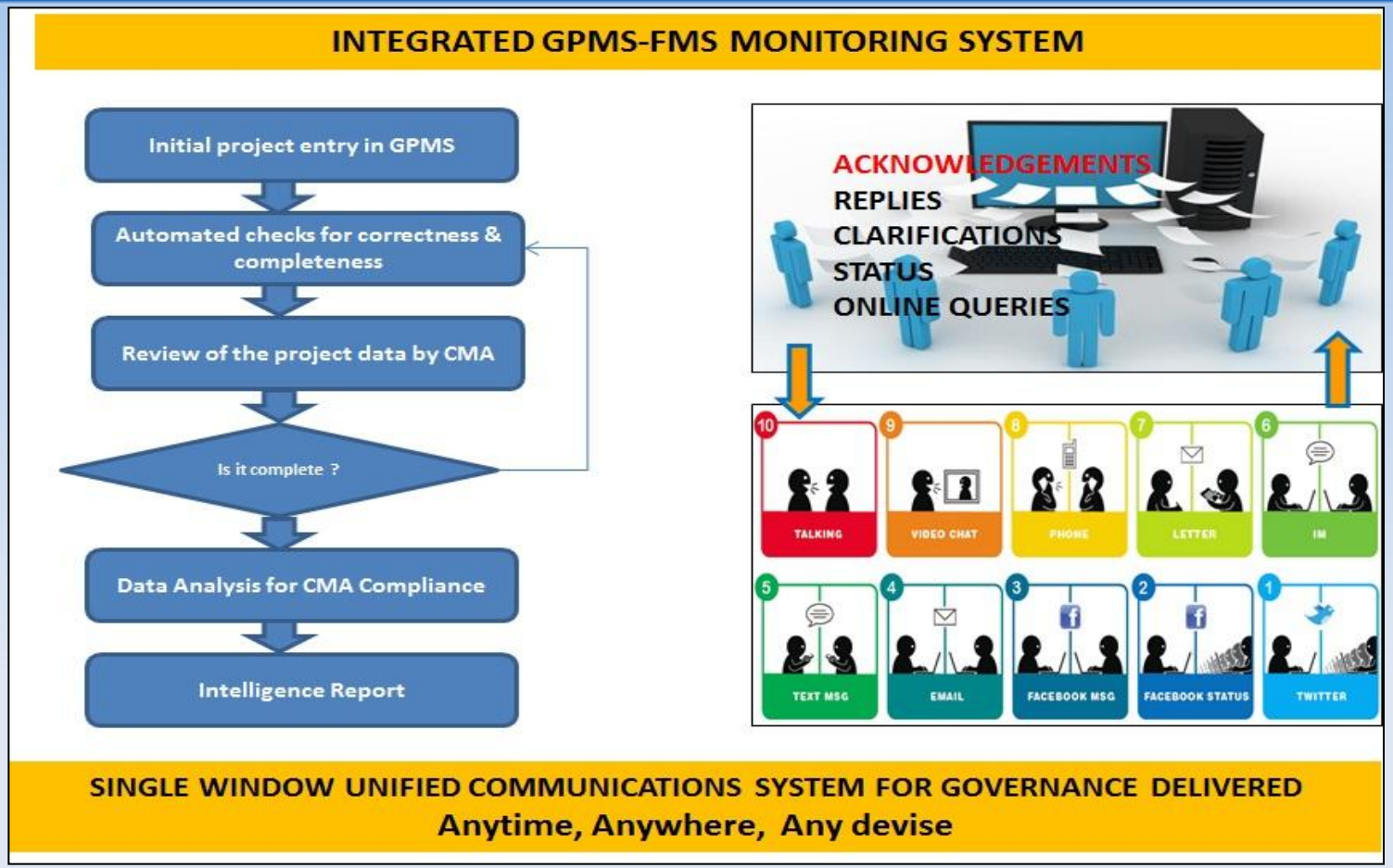



**GPMS-FMS-IRMS-EHS-Health-E-File Management-REMS-CMS-GWAS-Integrated with GIS**

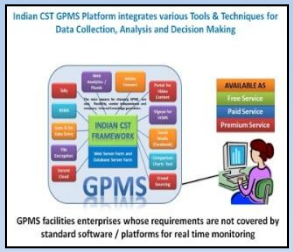
# Transparency and accountability through field data capture

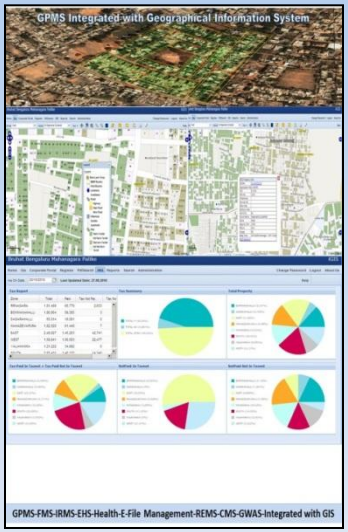


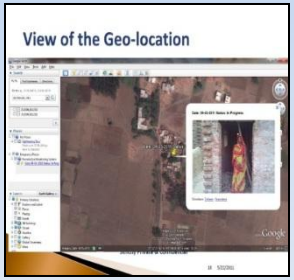
# Real time communication and information sharing

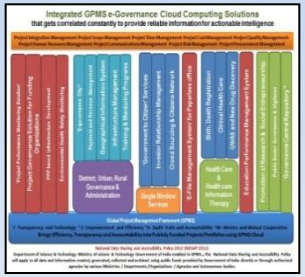


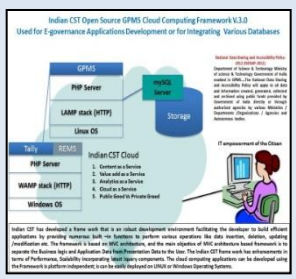
# Integrated GPMS with FMS-IRMS-EHS-REMS-Task Management









# GPMS Cloud Nine Knowledge Areas

1. Project Integration Management
2. Project Scope Management
3. Project Time Management
4. Project Cost Management
5. Project Quality Management
6. Project Human Resource Management
7. Project Communications Management
8. Project Risk Management
9. Project Procurement Management

# Bringing Efficiency, Transparency and Accountability into Publicly Funded Projects/Portfolios using GPMS Cloud

www.gpmswiki.org

| | | | |
|---|---|---|---|
| **Glocal Project Monitoring System** http://vigeyegpms.in/gpmsv2/ | **GPMS for State Governments** http://vigeyegpms.in/DELHI/ | **GPMS for Districts / Panchayts** http://vigeyegpms.in/gpmsv2/gujarat/valsad | **GPMS for Municipalities** http://www.vigeyegpms.in/bbmp/ |
| **GPMS for Citizens Monitoring System** http://www.vigeyegpms.in/gpmsv2/citizen/ | **GPMS for IAY Schemes Monitoring System** www.vigeyegpms.in/iay-bihar/ | **GPMS for Organizations** www.indiancst.vigeyegpms.org | **GPMS for Monitoring Investigations** cvc.vigeyegpms.org |
| **GPMS for Video conferencing** http://bbb.vigeyegpms.org/ | **GPMS for E-File Management** http://gpms.in/gpmsv2/paperlessoffice/ | **GPMS for Mobile Task Management** http://www.vigeyegpms.in/bbmp/ | **GPMS for Payments/ Receipts Monitoring** http://218.248.45.171/fms/ |
| **GPMS for National Highways Monitoring** http://www.vigeyegpms.in/gpmsv2/citizen/ | **GPMS for Healthcare information monitoring** http://www.vigeyegpms.in/bbmphealth/ | **GPMS for Education Performance Monitoring** http://vigeyegpms.in/education/ | **GPMS for Empowering Citizens of India** www.vigeyegpms.in/csir-800/ |
| **GPMS for EHS Management System** https://www.vigeyegpms.in/gpmssafety/ | **GPMS for MSME's Monitoring System** https://www.vigeyegpms.in/gpmsv2/msme/ | **GPMS for Knowledge Management System** www.vigeyegpms.in/team-one-world/ | **GPMS for Relationship Management System** www.gpms.in/gpmsirms |

**Enables constant improvement in e-governance services through continuous public feedback.**

# Indian CST: GPMS – Case Studies

1. **E-Governance**- BBMP 92000+ Projects, Rs.14000 cr.
2. BBMP Healthcare - Birth and Death monitoring- 1800 hospitals integrated, 6 lakhs data information updated
3. **Real time Revenue Monitoring of General Receipts, Payments** 320+ R-codes, 936 bank branches, all 450 BBMP department offices connected **total of Re. 6,400 crores transactions as on 31-7-2013**
4. **Valsad District** , Farida Taluk 207 + Projects of 13th Finance
5. **NHAI**- 217 National roads and projects
6. **Education- Bangalore University-** 24 lakhs Students, 24 Lakhs Answer scripts online, Schools, Colleges too integrated
7. **Citizen Healthcare** – 1,02,000 Oncology patients medical records data brought online
8. **Beneficiary Monitoring-** IAY Bihar 30 Lakhs BPL updated
9. **Ministry of Minorities Schemes Monitoring** – 55,000 + 2010/11 All India Students

Contd…2

# Indian CST: GPMS – Case Studies contd..

1. **GWAS Central India**-Sequencing of the Indian Population
2. **UK-India GWAS Central**: global data basing of gene-disease knowledge for 21st century research and healthcare
3. **Transactions Monitoring-** Income Tax department
4. **India Citizens Network** – crosses 1 cr. Registered citizens
5. **MSME's Monitoring**- 3 Lakhs and counting up to date
6. **NGO's Monitoring** – 41,000 + and counting up to date
7. **CSIR-800**- Project Management and Monitoring of 800 million beneficiaries monitoring 1800 Schemes of the Govt. of India.
8. **Vigeye GPMS**- CWG 2010 – 13,000 projects updated online, Rs. 13000 cr. 1, 50,000 User names given
9. **Team one world** – 256 Country Instances released
10. **GPMS Training Programs**. Awareness Programs/ workshops conducted for approx. 25,000 people across India
11. **GPMS-IRMS-FMS-** Karnataka Udgyog Mitra for Monitoring all projects and managing all **Rs. 7.30 lakh crores** Investments MOU's signed across the entire state under Global investors meet online

# Advantages of using Cloud-Based GPMS

1. The goal is to use technology-aided tools to enable efficiency and transparency and bring about accountability in all organizations projects or services.
2. To provide total transparency in all the projects functions for the Organization.
3. Empower managers by providing them accurate ready-to-view real-time information online.
4. Provide a single-point database for all Citizen Services and matters.
5. Enable access to central repository to all citizen transaction data through cloud services.
6. Bring about constant improvement in services to the citizen through continuous public feedback.
7. Organizations can provide GPMS portal for public to register complaints, view projects, provide additional information, suggestions of their interest and update delays or inconvenience caused through this GPMS-REMS online portal.

# USP of Indian CST GPMS Cloud

- Unique institution
- Anytime, anywhere any medium approach
- Affordable world class solutions
- Collaborative & inclusive growth that is measurable
- Works with Governments, Institutions & all Citizens
- Total transparency & all round productivity increase
- Scalable delivery model
- Direct/Indirect  benefits for all
- Win - Win solutions
- Measured progress towards set targets (tough targets)

# What is GPMS System?

- System that takes care of the complete life cycle of the projects
- The system  can be used to do the pre and post analysis of projects
- View of projects within and across the organizations
- The system can be used as a Knowledge Management System

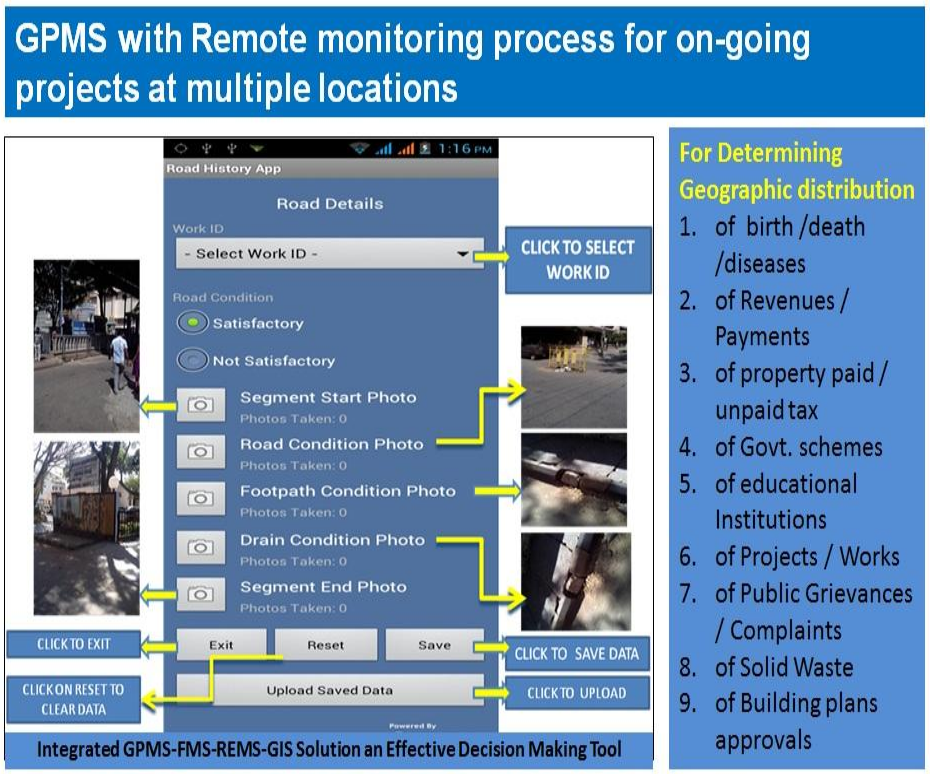
# CVCMARK

- C- Capturing data
- V- Validating data
- C- Checking data
- M- Measuring data
- A- Accountability
- R- Reporting of data
- K- Performance Indicators

# Benefits of GPMS System
# Nine Knowledge Areas

- Project Integration Management
- Project Scope Management
- Project Time Management
- Project Cost Management
- Project Quality Management
- Project Human Resource Management
- Project Communications Management
- Project Risk Management
- Project Procurement Management

# In-built escalation mechanism where superiors can quickly identify non-conformances and initiate interventions leading preventive delays



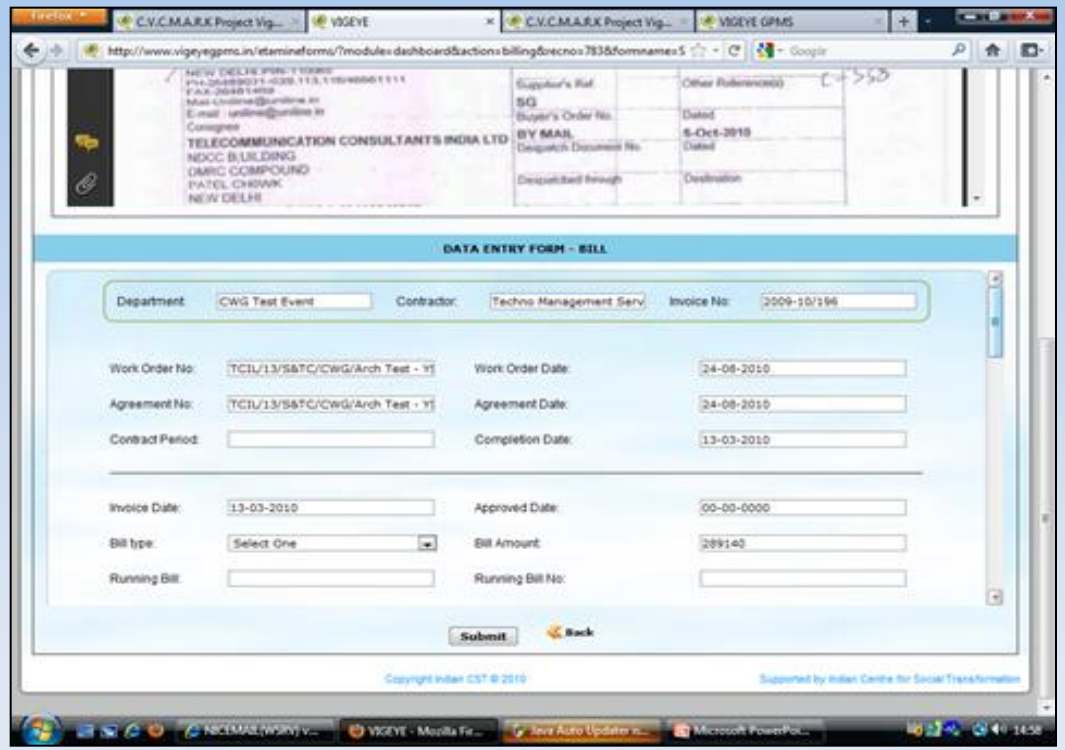

- Complete monitoring of projects from start to end
- Sufficient inputs for easy decision making
- Single view of stakeholders and public inputs
- Cost comparison for similar works within and across organizations
- Clarifications asked through auto generated questionnaires

# Complete Monitoring of Projects

**Global Project Management Solution is offered as a management tool that will introduce high end technological platforms like cloud computing and crowd sourcing.**

- Pre-award to post-award
- Quality of work
- Progress(Physical and financial)
- Complaints
- Compare the different reports
- Assessment of employees, contractor
- Views of public

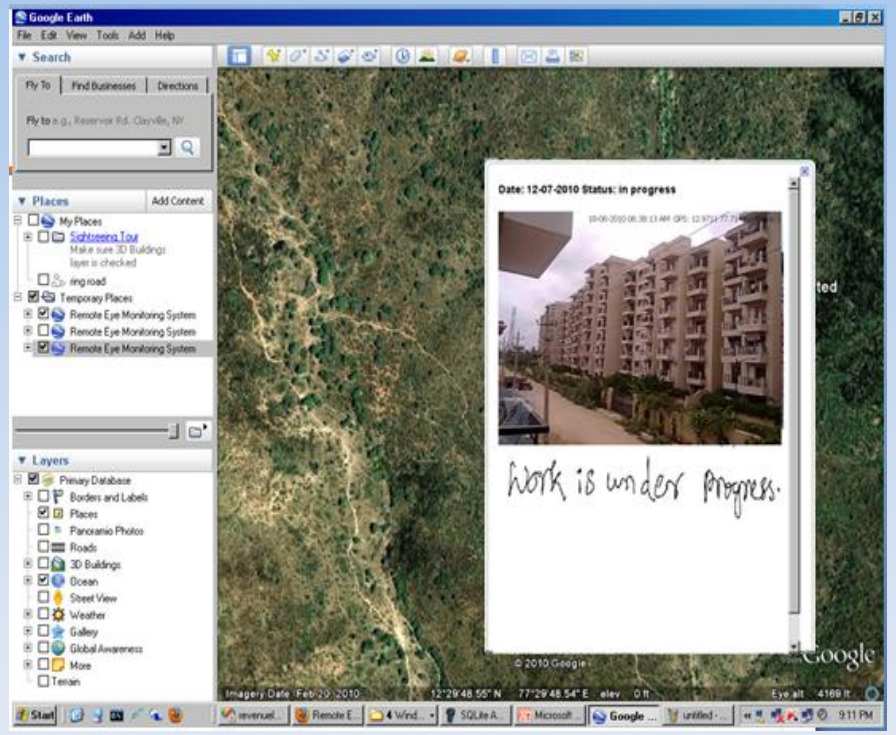
# Comparison of Data from Conversion of unstructured data to structured data, while maintaining their integrity




- Availability of data from different resources
  - Accounts
  - Field
  - Experts
  - Consultants/Agency
  - Execution Team
  - Historical Data
  - Public Opinion

# Removing Distance from Remote Projects

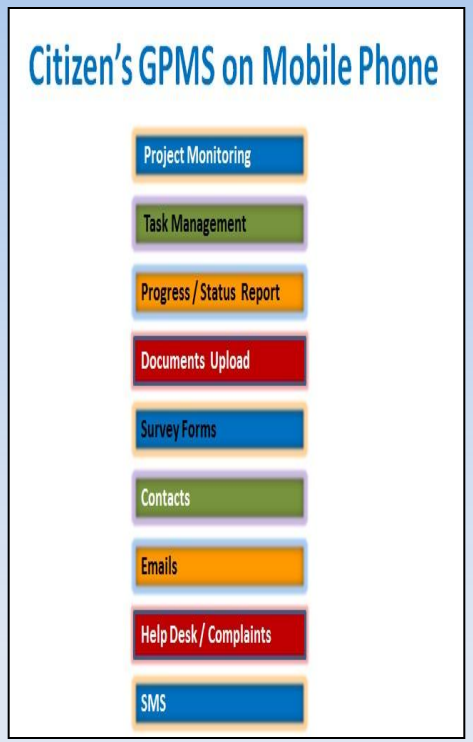
## Allows graphical information exchange including videos and photographs

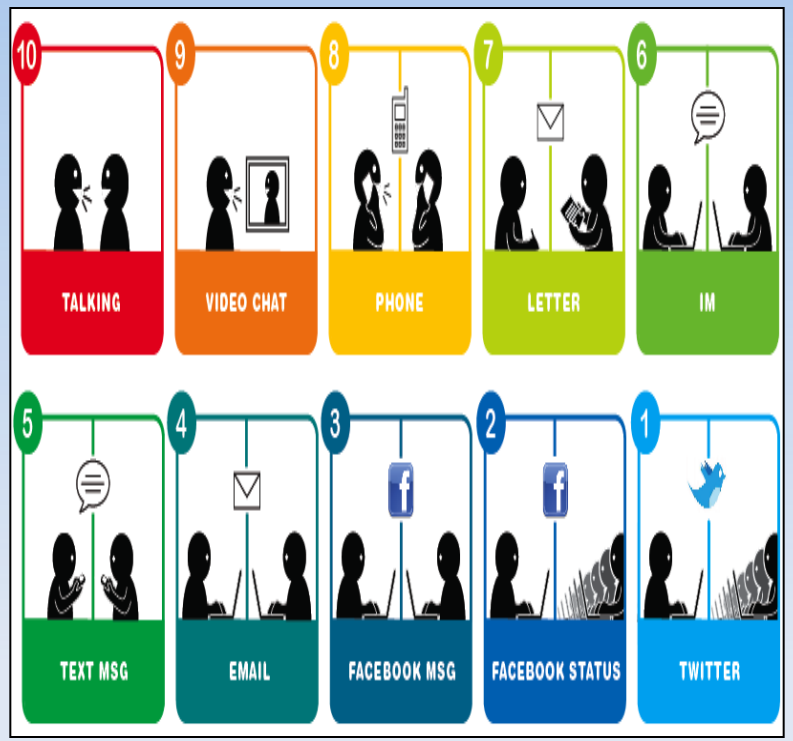


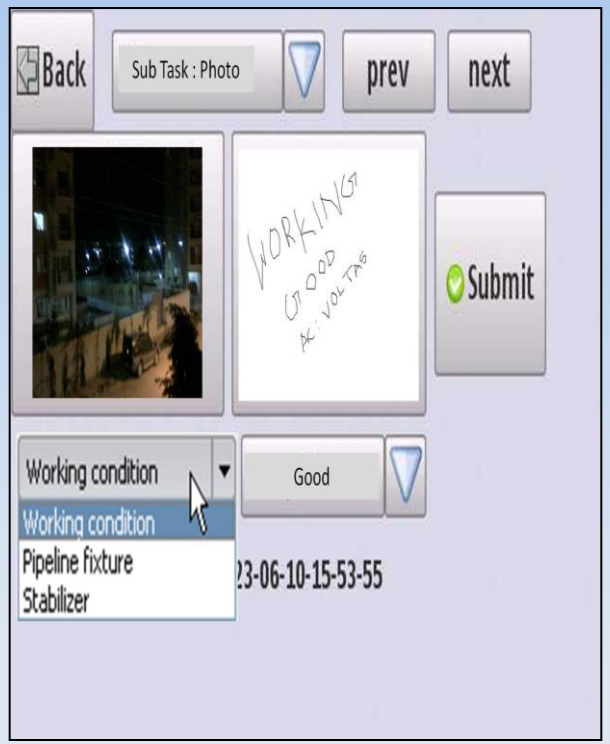

- Case Study: BBMP
- Data coming from remote locations
- Physical Monitoring
- Remote task assignment
- Feedback
- Difficulties faced in execution of projects in difficult locations
- Solution to risks in future projects

# Unified Data and Information Trans-Portal for Open Governance

## Accessibility from anytime, anywhere




www.indiancst.in

www.gpms.in/gpmswiki

# Organization Reports

- Brief History about tender practices
- Payment practices
- Tax deduction Practices
- Delicacy and necessity of the project
- Employees history about the project management
- Contractor's history

# Sufficient inputs for decision on current & Future projects

- Tender procedures
- Shortcomings noticed in preparation of cost estimate and award of the work
- Reasons for delay in execution of projects
- Abnormally increases in project cost
- Discrepancies in tax deduction/payments
- Complaints against the project/employee/contractor

# Clarifications asked through auto generated questionnaires

- Different media can be used for sending questionnaires and feedback(SMS or emails, photos)
- Templates can be created for clarifications required by the management
- Frequency and reminders will be auto-generated to be decided by the management

# The GPMS has two basic features

- **To collect and transmit information** from field in real time to a central server.
- Information from field will be collected using hand held devices/ mobile phones.
- **Information collected can be a photo, video, audio, note** or a survey/ inspection form.
- Information collected is to be **stamped with Geo Coordinates and time.**
- Information collected will be encrypted and **instantly transferred from the device to the centralised serve**r using network connectivity of the device.
- Information can be captured and transmitted by Field officers, inspection teams, Volunteers, NGOs etc.

- **To analyze field information**
- The information collected from the field will be analysed for various parameters designed for cost overrun, time overrun and quality checks.
- Exception reporting can be auto generated for senior officers to visualize.
- To give specific tasks to collect field information

# The other Unique features of GPMS include

- **Mobile Task module** in the GPMS provides for a mobile task system, using which the Commissionerate of Municipal Administration can interact with the organization staff, the citizens and stake holders monitoring the project and the CMA office to gather first-hand information through mobile phones and directly upload the same into Integrated GPMS.
- **GIS module in GPMS** where project data can be analysed & viewed in a geographical context. The geo-stamped data coming from the mobile task system, GPMS citizen complaints from GPS-enabled mobiles, geo-stamped data from citizens and stakeholders etc. are mapped into a GIS software such as Google Earth to view & analysis it geographically.
- **SMS Communication Module** to facilitate SMS interface in seamlessly integrating into GPMS such that the Municipality engineers, CMS team can send bulk, organisation-level, project-level, team-level or individual-level communication through SMSes.

# Empowering Project Management with Knowledge Management & Cloud Computing

**A GPMS Cloud Computing Integrated project monitoring system** with mobile task management system E-file management system, with Scan and do Data entry system, with Financial management system, Customized user management, Face book integration, QPR, Initial Scrutiny, Public Page, Dynamic MIS reports, web analytics, SMS, Mail Server, Project Vigeye, Document security encryption enabled, with Remote Eye Monitoring System, with Unified Data and Information Trans-portal for open governance, with Communications management and monitoring, public grievances monitoring with a dynamic single point dashboard representation for analyses with GIS location on map with integrated dashboard with Role based user management, with Metadata management, with Query System

# So what is happening in India?

Are we any where near all this and more ?

What about Delhi? Our capital?

What about our silicon city? Bangalore – sorry Bengaluru?

# Amazon

- *Amazon is famous for pioneering a whole new business ecosystem in its deployment of the business cloud in the form of its Amazon Web Services (AWS) in 2006,.*
- *In a report* last year, it is noted that Amazon accepted "That the number of objects stored on its S3 cloud storage service hit 449 billion in the Q2, 2011, a massive jump from the262 billion objects stored on Amazon S3 in Q4, 2010.*
- *Also, the S3 processed 290,000 requests per second at peak times, up from 200,000 at the end of 2010".*
- *PwC reports $5.9 bn global revenue for Amazon by 2014*

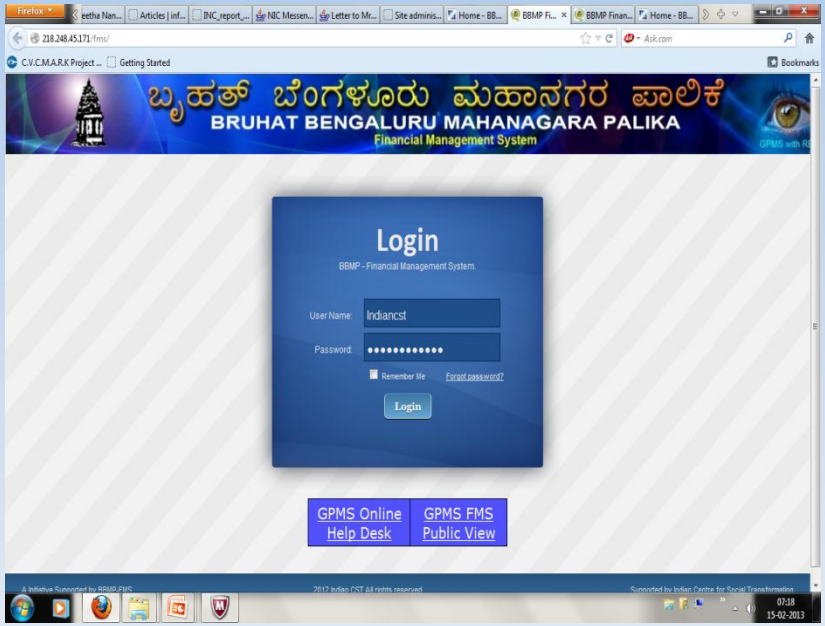
# Namma Bengaluru

- Bruhat Bengalurur Mahanagarpalike (BBMP) has collected funds and processed and paid payments totalling Rs 10 billion in 2012-13
- ₹ 2,230,548,919.34 recd in Jan 2013
- In this financial year so far - Bengaluru citizens have received payments receipts from the BBMP cloud after deposting- house tax, building cess, conservancy charges and fees for birth and death registration etc etc.
- BU processed may-June 2010 semester exam papers for 200000 plus students (in atleast four papers each) and made available the answer scripts on the cloud reducing marks revaluation requests to a mere 9000 from 99000 in the previous year

# Cloud for profit and governance

# Come Again?

- Amazing facts!
- Namma Bengaluru beats Amazon in its own game!!




You did not know it?!

And you say you are from the Information Technology sector and most of you are from Bengaluru our own silicon city?

Yet you did not know these facts

You refuse to believe?

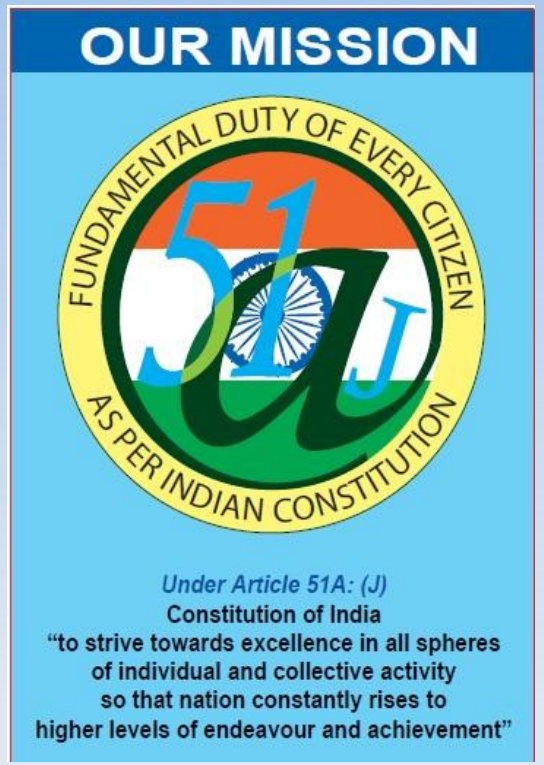
Come to the wards of Bengaluru, take a walk on its streets and see for yourself!!

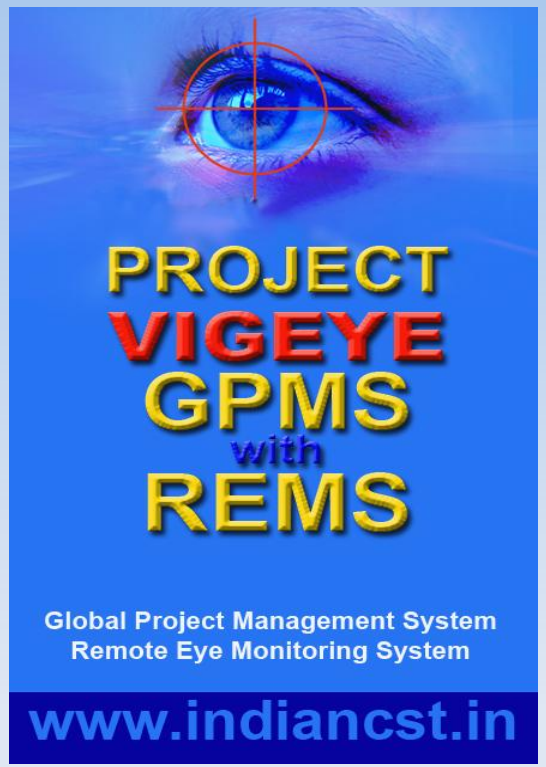
(You can also click for a virtual tour)

# www.bbmp.gov.in

Let us log in for some real time public view/news on revenue collection done today by BBMP and its officials in the Head office, 8 Zones, Divisions, Sub-Divisions, 198 wards and 450+ Municipal offices having 936 Bank branches accounts for reconciliations

# Social Transformation through GPMS






**Global Project Management Solution is a Management Decision Support System for Leaders**

# Thank you


For any further enquiries, please contact:

Mr. Raja Seevan,
Founder Trustee,
**Indian Centre for Social Transformation,**
Grace Mansion, #25, 1st Floor, Infantry Road,
Bengaluru- 560 001,
Karnataka -India

Telephone : +91-80-49389696
Mobile No : +919739047849

Helpline No : +91 9742979111
Email: rajaseevan@indiancst.in
rajaseevan@gmail.com