Government of India
Ministry of Water Resources,
River Development & Ganga Rejuvenation,
(e-Governance Cell)

Shram Shakti Bhawan, Rafi Marg,
New Delhi, dated the ව\ July, 2015.

To

Heads of Organizations under the Ministry.

Subject:- Adoption of 'Open by Design' in all eGov Systems developed/ revamped under Digital India Initiative.

Sir,

I am directed to forward, herewith, a copy of DO letter No. 264387/NIC/2015 dated 09.07.2015 received from Secretary, DeitY, Ministry of Communications & IT addressed to Secretary (WR, RD & GR) on the subject cited above and to say that this Ministry has been requested to publish current and up to date datasets, which is important for developers/ researchers, from different eGov online systems on the Open Government Data (OGD) platform (http://data.gov.in).

2. In view of this, it is requested that the appropriate action may be taken to publish the requisite datasets on the OGD in compliance with Open Source and Open APIs policy of GoI.

3. This has the approval of JS (A), MoWR, RD & GR.

Encl: As above.

Yours faithfully,

(Ashok Kumar Gupta)
Under Secretary to the Government of India,
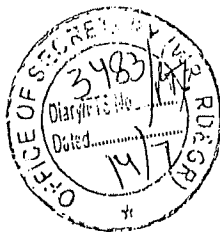Tel:- 011-23714350

Copy for similar action to:-

1. All Wing Heads of the Ministry.

Copy for information to:-

1. Technical Director, NIC with a request to kindly upload this on IntraMoWR.

आर एस शर्मा
सचिव

R S Sharma
Secretary

भारत सरकार
संचार और सूचना प्रौद्योगिकी मंत्रालय
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी विभाग
Government of India
Ministry of Communications &
Information Technology
Department of Electronics &
Information Technology (DeitY)

D.O. No. 264387/NIC/2015
July 9, 2015

Subject:- Adoption of 'Open by Design' in all eGov Systems developed/ revamped under Digital India Initiative

Dear Secretary,

As you may be aware that under the ambit of Open Data Initiative of Government of India, all Ministries & Departments are publishing their data in open format on the Open Government Data (OGD) Platform India (http://data.gov.in). OGD Platform has been developed and managed by NIC in compliance with the National Data Sharing and Accessibility Policy (NDSAP). The platform has more than 15,000 datasets published by 88 Departments. This initiative is driven by nominated nodal officers from respective Ministries/Departments/Organisations who were till now designated as "Data Controllers". They have now been re-designated as 'Chief Data Officers'.
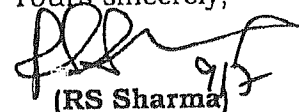
2.   Sustained release of data in open format is important for developers/ researchers. Citizen Service oriented applications can be made more effective by using the OGD Platform. Regular flow of datasets will also help the community to generate various insights through apps and info-graphics.

3.   It is necessary to publish current and up-to-date data from different eGov online systems. These datasets should be released in open formats in compliance with Open Source and Open APIs policies of GoI. We need to adopt eGov Systems: 'Open by Design' principle where exposing of data through APIs must be enforced right at the RFP and Design stage for all eGov systems developed/revamped under Digital India Initiative.

4.   In view of above, you are requested to ensure that appropriate action is taken in this direction and a suitable mechanism may be worked out towards meeting this objective in a timely manner. For any clarification or further information, you may kindly contact NDSAP-PMU at National Informatics Centre, Room No. 379, A4B4, 3rd Floor, A-Block, CGO Complex, Lodhi Road, New Delhi, ndsap@gov.in (011-24363692). We look forward to your valuable support and co-operation.

With kind regards,

Yours sincerely,

(RS Sharma)

To,
All Secretaries to the Government of India

Open Government Data Platform India

data.gov.in

Explore

Experience

Share

A DATA IS SAID TO BE OPEN IF IT IS
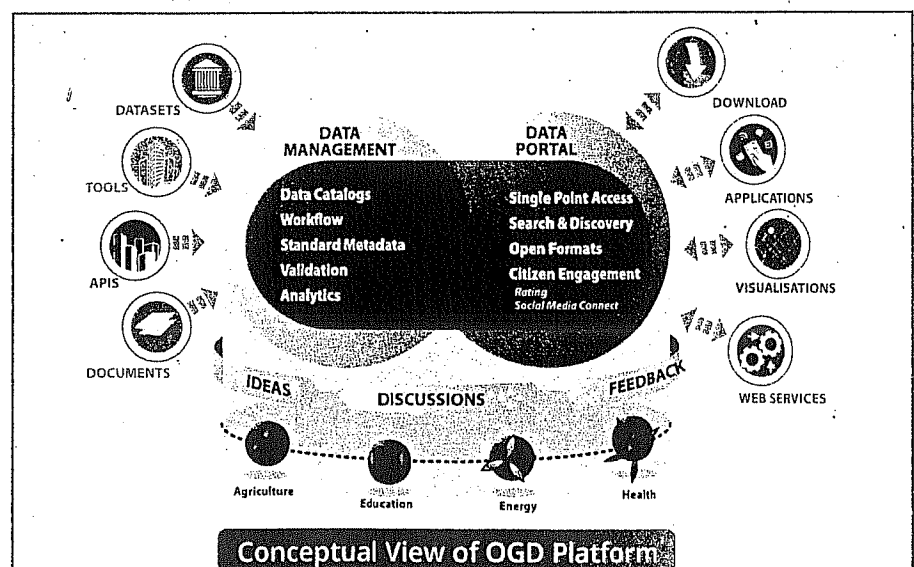FREE TO **USE, REUSE AND REDISTRIBUTE**
BY ANYONE

OPEN GOVERNMENT DATA INITIATIVE OF INDIA

Open Government Data initiative of India was launched in compliance with the National Data Sharing & Accessibility Policy (NDSAP) & Gazette notified on 17th March, 2012. NDSAP was formulated to provision an enabling platform for proactive and open access to the data generated through public funds by various Ministries/Departments/Organisations of Government of India. Its objective is to provide access to Government owned shareable data in machine readable format, along with its usage information, through a wide area of network across the country.

National Informatics Centre (NIC), Department of Electronics and Information Technology (DeitY) is the nodal department to implement NDSAP in India, while the Department of Science & Technology is the nodal department on Policy matters.
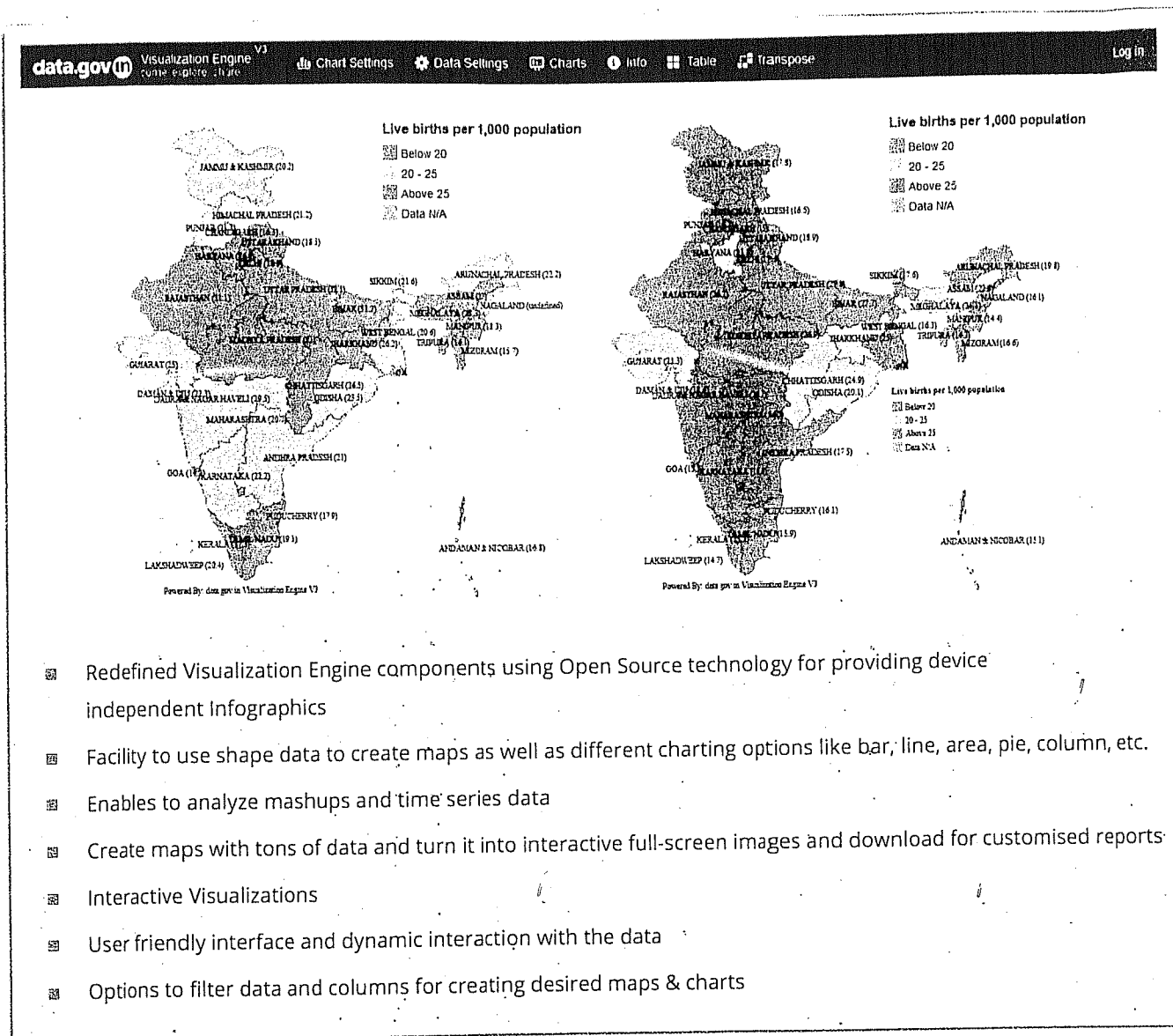
OPEN GOVERNMENT DATA (OGD) PLATFORM INDIA- data.gov

OGD Platform India facilitates dissemination of government datasets in open formats through the platform at http://data.gov.in. Items at democratising access of Government resources e.g. datasets & apps, tools etc. to foster innovation; improve delivery of government information & services besides promoting transparency, accountability and public participation in governance.

Conceptual View of OGD Platform
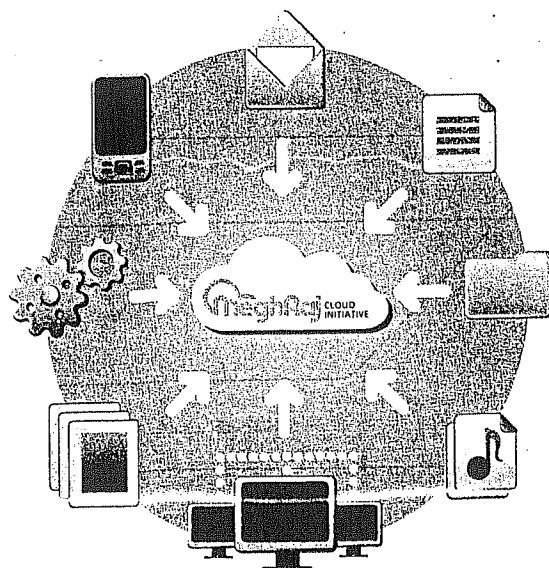
APPLICATION PROGRAMMING INTERFACES (APIs)

- Allows users particularly developers to retrieve data programmatically
- Enables efficient data sharing mechanism
- Ensures smooth and integrated user experience for consuming relevant & up-to-date data
- Developers can create web/mobile Apps with online access to data
- Helps creation of mashups and analysis for published datasets

VISUALIZATION ENGINE

- Redefined Visualization Engine components using Open Source technology for providing device independent Infographics

- Facility to use shape data to create maps as well as different charting options like bar, line, area, pie, column, etc.

- Enables to analyze mashups and time series data

- Create maps with tons of data and turn it into interactive full-screen images and download for customised reports

- Interactive Visualizations

- User friendly interface and dynamic interaction with the data

- Options to filter data and columns for creating desired maps & charts

SOFTWARE AS A SERVICE (SaaS)

- Offers entire platform or any of its Modular Components viz. Content Management System, Data Management System, Visitor Relationship Management System, Community/Events Management System

- Single sign on for all the services of the platform

- Functionality – Feedback, Rating, Social Media Connectors, Embed Feature

  ✓ Management of Catalog & Resources (Dataset/Apps)

  ✓ Dashboard – Analytics, Metrics, Visitor Statistics, Visualizations

  ✓ Integrated Visualization Engine Service

  ✓ Data Conversion utilities

  ✓ Access to standard vocabulary service

  ✓ Profile, Role, API key management service

PUBLISHING & MANAGEMENT OF CATALOGS AND RESOURCES

- Nominated Data Controllers from Departments are authorised to publish catalogs.
- Data Controllers are empowered to designate a number of Data Contributors as per the need for contribution of catalogs and resources.
- NDSAP Cells are being created in Departments for compilation, collation, conversion and publishing of catalogs and resources.
- Catalogs and resources are contributed through a web-based Data Management System.
- Visitor queries/feedbacks on catalogs and resources are managed through Visitor Relationship Management System.

COMMUNITY ENGAGEMENT WITH OPEN GOVERNMENT DATA

12TH PLAN HACKATHON To encourage citizens to explore the 12th Plan (2012-17) through creative visualizations, short films and web/mobile apps.

IN PURSUIT OF AN IDEA To encourage creative collaboration on Open Government Data for App development by the students of Delhi University during their summer project.

#OPEN DATA APPS CHALLENGE To boost innovative use of Open Government Data and engage start-up & developer community to build an open data ecosystem for Social Good.

CMA HACKATHON To encourage innovation in Urban Governance using Open Data along with technology as the underlying force.

WORKSHOPS & COMMUNITY INTERACTION To explore avenues to connect with community in order to encourage Open Data driven innovation and to create awareness on the benefits of Open Data.

CONTACT US

NDSAP Programme Management Unit (PMU)
3rd Floor, National Informatics Centre
A-Block, CGO Complex, Lodhi Road New Delhi 110 003, INDIA
Phone: 011-24363692, 011-24305395, 011-24305370
E-Mail: ndsap@gov.in