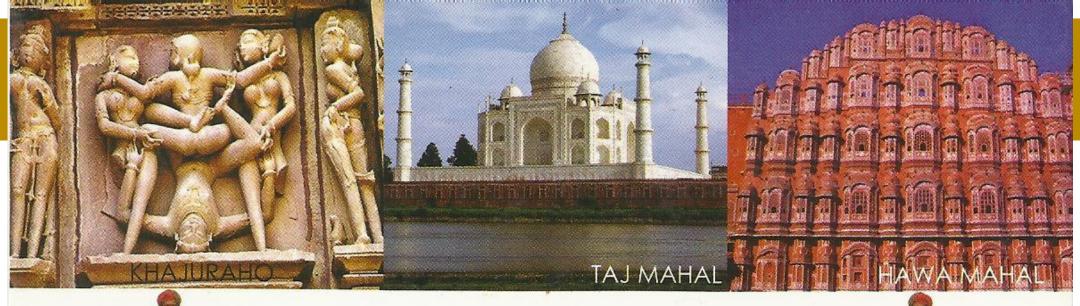


Government Transformation Leveraging Technology in India

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Greetings from India





Rank 2017	Country	Rank 2018
1	US	1
2	China	2
3	Japan	3
4	Germany	4
5	France	5
6	UK	6
7	India	7
8	Brazil	8
9	Italy	9
10	Canada	10

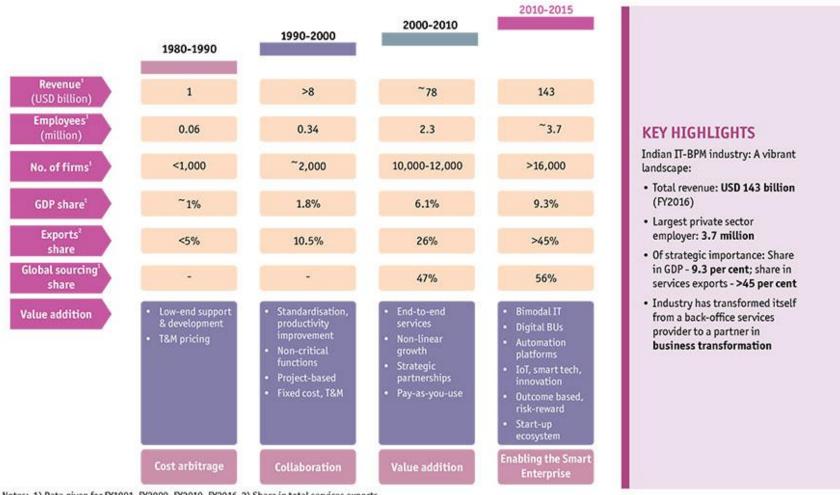
US as the world's largest economy by 2030

India will be the world's third largest economy by 2027

By 2032, three of the world's top four economies will be Asian — China, India & Japan

Source: The Centre for Economics and Business Research (Cebr)





Notes: 1) Data given for FY1991, FY2000, FY2010, FY2016 2) Share in total services exports Source: NASSCOM



GOVERNMENT (
IS THINKING
OUTSIDE THE BOX NEVER MIND THAT! IN THE BOX!



THIS NEW E-GOVERNANCE INITIATIVE IS WORKING RATHER WELL . . I MUST SAY. THEY ARE NOW ACCEPTING BRIBES ALSO THROUGH CREDIT CARDS!

Motivation from misery

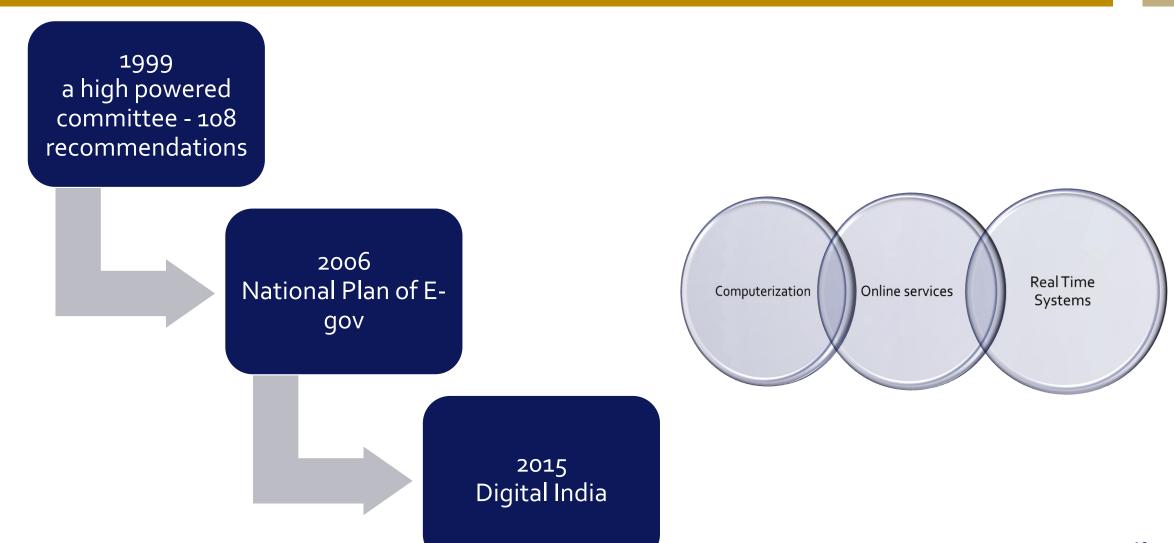


Millions of citizens
waste hours
to access government
information & services
that should be rightfully
theirs





IT in Transforming Government!



Government should be invisible

Like a software







Digital India 2015

Faceless

Paperless

Cashless



Digital India: 3 Vision Areas

Digital Infrastructure as a Utility to Every Citizen

Governance & Services on Demand

Digital Empowerment of Citizens

- High speed internet
- Unique digital identity
- Mobile phone & bank account
- Common Services Centre
- Private space on Cloud

- Integrated services
- Portable Citizen entitlements
- Ease of doing business
- Financial transactions electronic & cashless

- Digital literacy
- Digital resources in Indian languages
- Collaborative digital platforms

Mission Mode Projects >40

Good & Land Records eHealth Income Tax Services Tax e-Districts (GST) Public Police e-Office Treasuries Distribution MCA21 (CCTNS) System Community e-Passport Seva National ID E-Court Services procurement (GeM) Centers (CSC)

Vision area-1 Digital Infrastructure

- × High speed internet as a core utility (NoFN)
 - + 1,17,033 Gram Panchayats (GPs) (of Total 2.5 lakh GPs covering 6 lakh villages) connected with Optical Fibre cable & equipments by BharatNet project
- Digital identity -unique, lifelong, online, authenticable (Adhaar)
 - + More than 123 crore Aadhaar generated
 - + INR 6.21 lakh crore disbursed to Direct Benefit Transfer (DBT) beneficiaries of 438 schemes
 - + INR 1.1 lakh crore saved in 4 years by removing fictitious DBT claimants
- Shareable private space on a public cloud (DigiLocker)
 - To keep digital documents & certificates e.g., License,
 Marksheets, Degrees etc. They are verifiable
 - Over 349 crore authentic digital documents available
 - o Citizens able to access these documents anytime, anywhere

- × JAM scheme: Jandhan a/c+Adhaar+Mobile phone
 - + 31 cr Jandhan accounts opened & linked to mobile and Aadhaar, of which 25 crore operational (81%) with balance of 75,572 crore (as of Feb 2018)
- Easy access to a Common Service Centre (CSC)
 - Over 3 lakh CSCs delivering 350 Govt services e.g., Voter Id, PAN, Ticket booking, Tele Medicine, Land records, Banking, Insurance, Tele Legal Aid, Digital Literacy etc
 - + Created employment opportunities for 12 lakh people including 55000 women

Vision area-2 Governance On Demand

- × Integrated services
 - + All gov services (1200 services) via mobile app (UMANG) in 13 languages
 - + Eduroam service for research & education community allowing free, seamless, secure roaming wi-fi access in 90 territories covering 70000 institutions globally including 250 Indian institutes
 - + eHospital implemented across 321 hospitals to allow online access to lab reports for diagnostic tests
- × Portable citizen entitlements (meghraj)
 - + 960 applications running
 - + One is scholarship scheme (52 schemes for 14 lakh institutes; 1.12 crore applications verified in 2017-18)

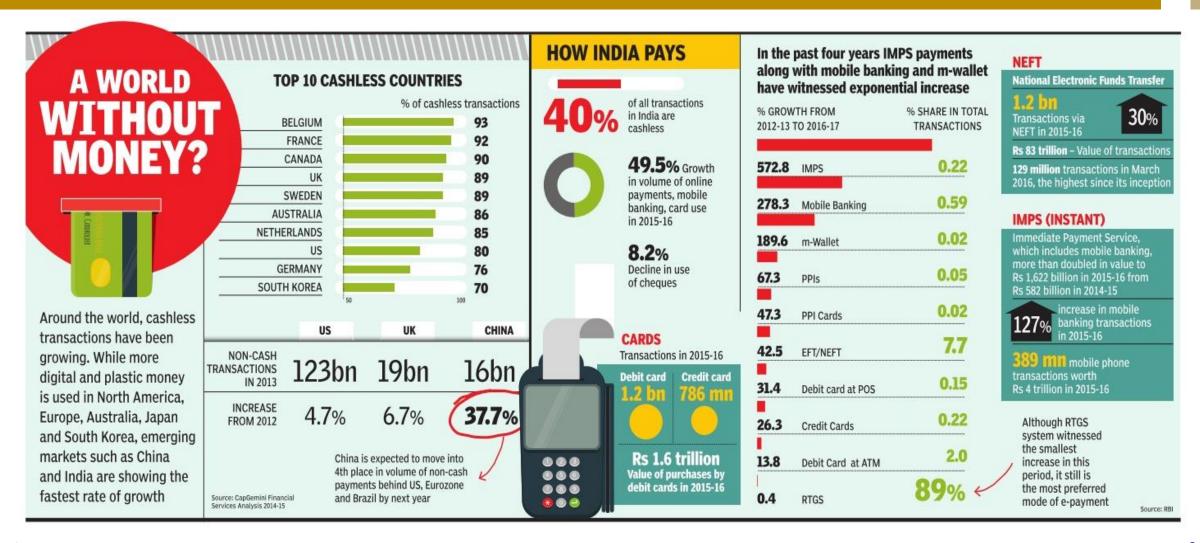
- × Improving Ease of Doing Business
 - + Pushing cashless transaction (G-G, G-B, G-C & G-E)
 - + <u>GeM</u> (Government eMarketplace) has 29097 Buyer organizations, 51150 Sellers & Service Providers, and 570758 products., and the number is increasing continuously, allowing transparent, automated end-to-end registration of Buyers & Sellers, demand aggregation, e-Bidding, reverse auction, and facilitating transactions without requiring physical meeting of Buyers & Sellers
 - + eNAM National Agriculture Market connects 1.41 crore farmers and 1.21 lakh traders on 585 mandis across 16 States and 2 UTs
 - Immigration, Visa, Foreigners' Registration and Tracking (IVFRT) implemented in 169 Indian missions abroad benefiting Foreigners visiting India, Indian Tourism industry, Indian businesses including Medical, Transport etc
 - World Bank ranking improves by (65 positions);

Vision area-3 Digital Impowerment of citizens

- × Universal Digital Literacy
 - + Aim is to make 1 person per household digitally literate
 - NIELIT established 843 accredited training centres for O/A/B/C level courses, and 8962 facilitation centres for conducting digital literacy programs
 - + 2.02 crore adults registered (Target 6 crore)
- Digital resources / services in Indian languages eVidhan implemented for paperless Assembly allowing eVoting, eNotes, videoconferencing in all 40 legislatures - Lok Sabha, Rajya Sabha, 31 Vidhan Sabhas, 7 Vidhan Parishads

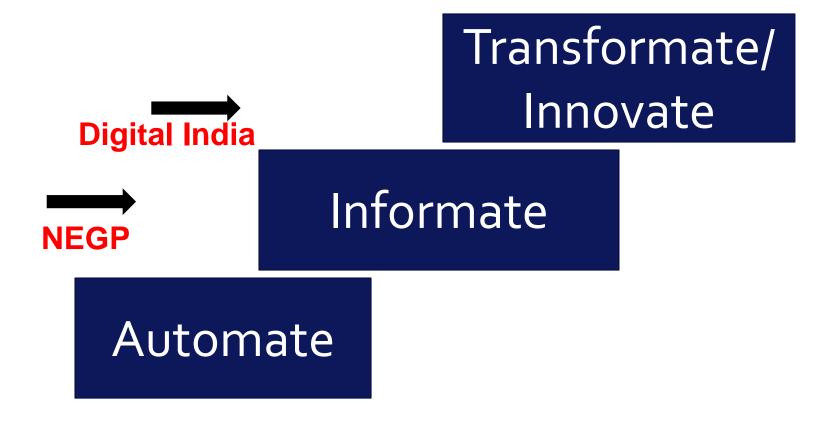
- × Open Data
 - Open data platform: 265,623 resources,
 4615 catalogs, 144 departments, 21.11
 million views, 6.61 million downloads,
 215 Chief Data Officers, 10800 APIs, 1615
 visualizations
- × MyGov (Collaborative digital platforms)
 - Over 76 lakh registered users on MyGov
 - + Government departments use the MyGov platform to seek feedback from citizens on policies and initiatives

Digital India – Cashless India

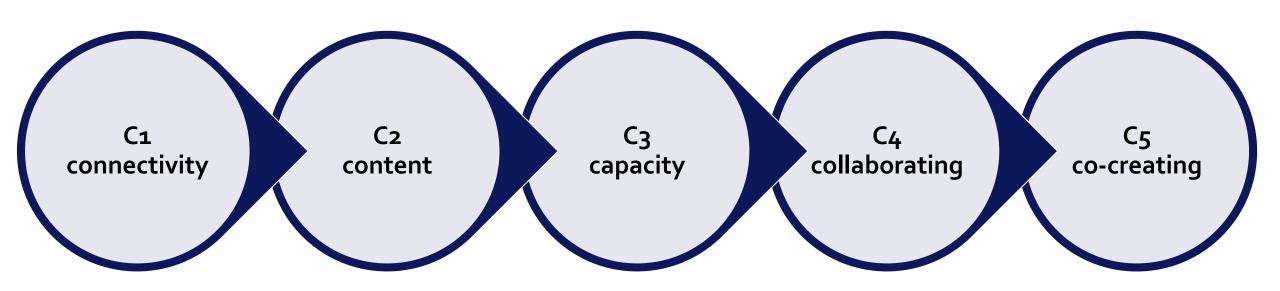


4/15/2019 **18**

Re-visit



Re-visit



Citizen Engagement

- Reactive vs Proactive
- Suggestion Grievances (protal)-crowdsourcing (mygov)-decision making

Re-visit

- Some approach.....(vs Life event app)
- Integration among Projects (H & V)
- Costs are being revised
- Outsourcing (indiscreet!)
- BPR not mandated
- Outsourcing (Lack of ownership)

- Enterprise Architecture
- Security Provisions/audit
- Decision Support Systems
- Portal strategy
- Legal framework (E-gov Act)
- Collaborative
- Co-creating

challenge.gov (USA)

- Launched in July 2010
- crowdsourcing competitions by Federal agencies
- Invite innovative solution to tough problems
- 59 federal agencies used so far
- 300 scientific, engineering, design, multimedia, ideation, and software challenges, resulting in unprecedented PPP

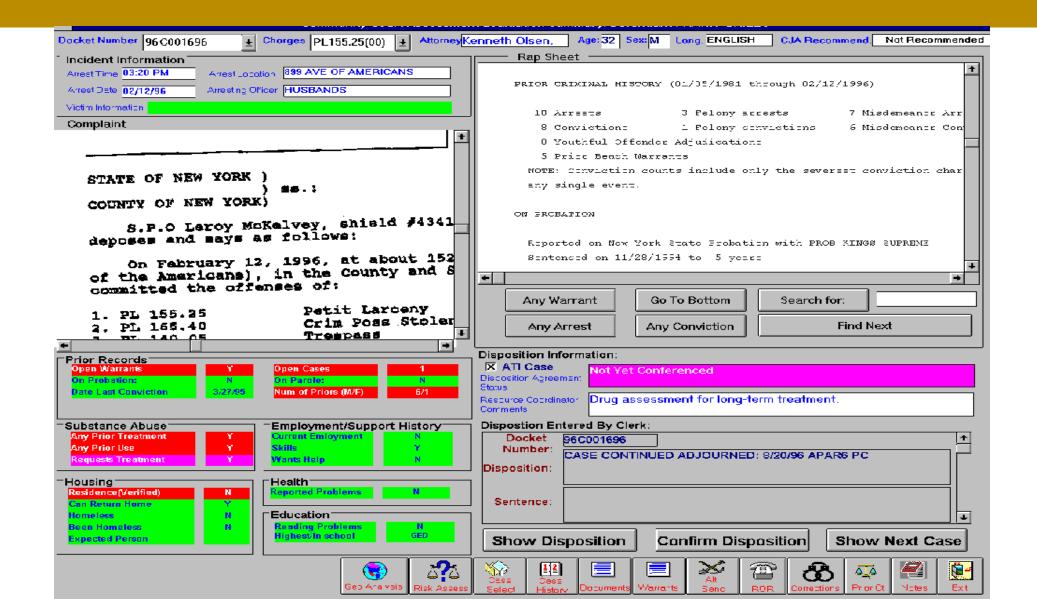
DSS in government activities

☐ Egyptian Cabinet DSS ☐ Manhattan Court DSS ☐ Sprawl decisions in urban design ☐ Lake Development DSS of Philippines ☐ Urban Transportation DSS system ☐ Evacuation Modelling System in disaster management ☐ Environment protection DSS ☐ Avalanche path analysis DSS ☐ Agriculture management DSS ☐ Train Scheduling DSS

Egyptian Cabinet DSS

Started in 1985
To develop a new tariff structure to replace an inconsistent and complex structure that was thought to be impeding economic growth.
To support Cabinet in creating a consistent, simple tariff structure; increase revenues to the treasury; and promote economic growth without harming poor citizens.
Now covers Egypt's 27 provinces
Includes different sectors and industries, legislative reform, public sector reform, financial reform, human resources development and job creation, economic reform and structural adjustment, capital goods manufacturing, commercial registration development, automation, natural resources management, building the information services industry, local development projects at the governorates level, sectors development projects at the ministerial level, civil information systems the national ID number, technology development projects, urban planning, environmental development, and preserving the cultural heritage amongst others
El Sherif H. and El Sawy O.A. (1988), Issue-based Decision Support Systems for Egyptian Cabinet, MIS Qtly, 12 (4).
The DSS walked around, back and forth, from one ministry to another, making adjustments to the proposed tariffs, playing "what if" games to see the impact of tariff changes on revenue and local employment.
After one month of intensive effort, agreement was reached on the new tariff policy. Builders of the DSS felt the system-reduced conflict by clarifying the trade-offs and potential impacts of tariff changes. While early estimates of higher tariffs claimed \$250 million in increased revenues would result, the DSS predicted \$250 million. By 1987, the actual increased revenue was \$280 million.

Manhattan Court DSS



THANKYOU