Digital Democracy & Exclusion Biases

By

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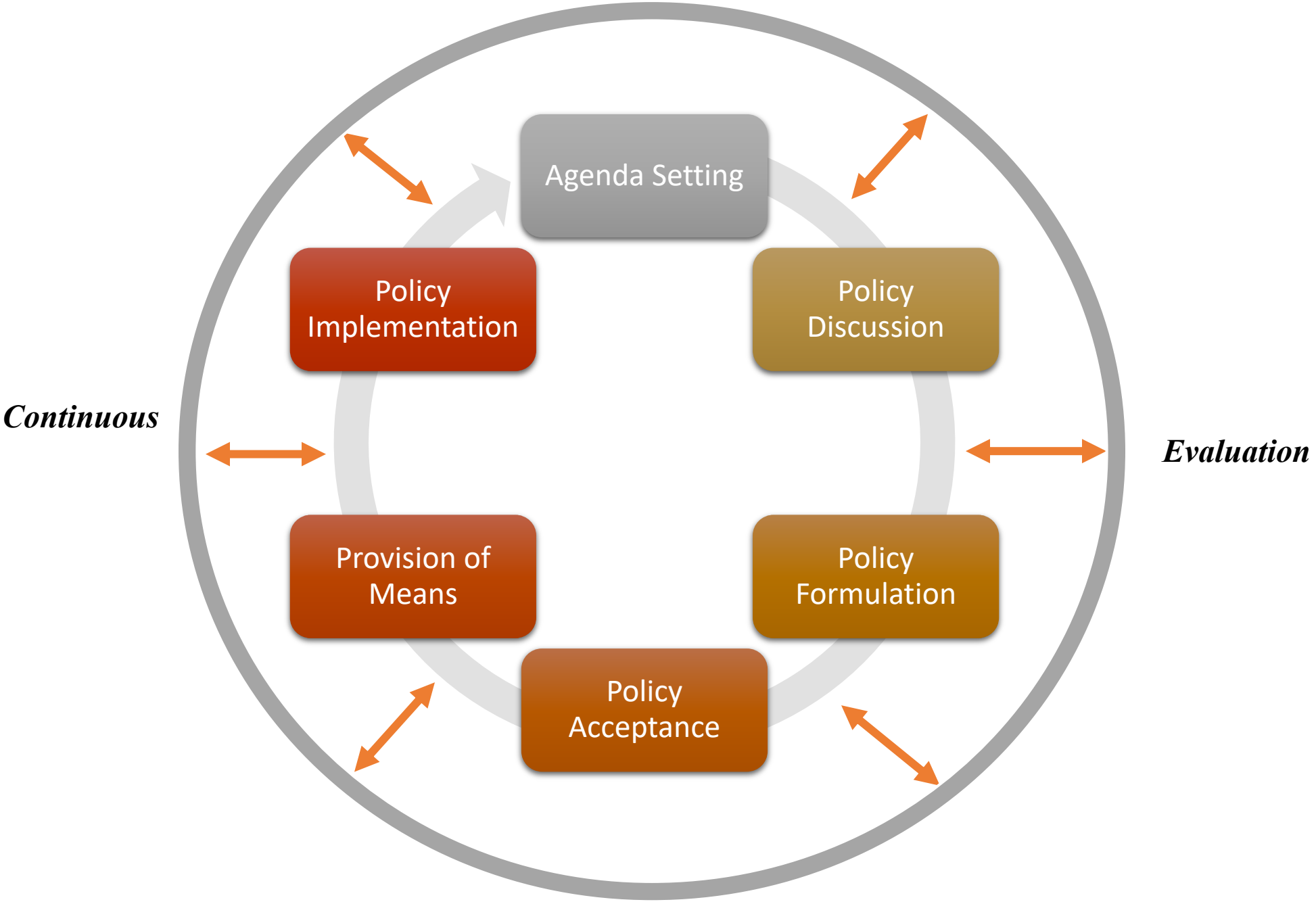
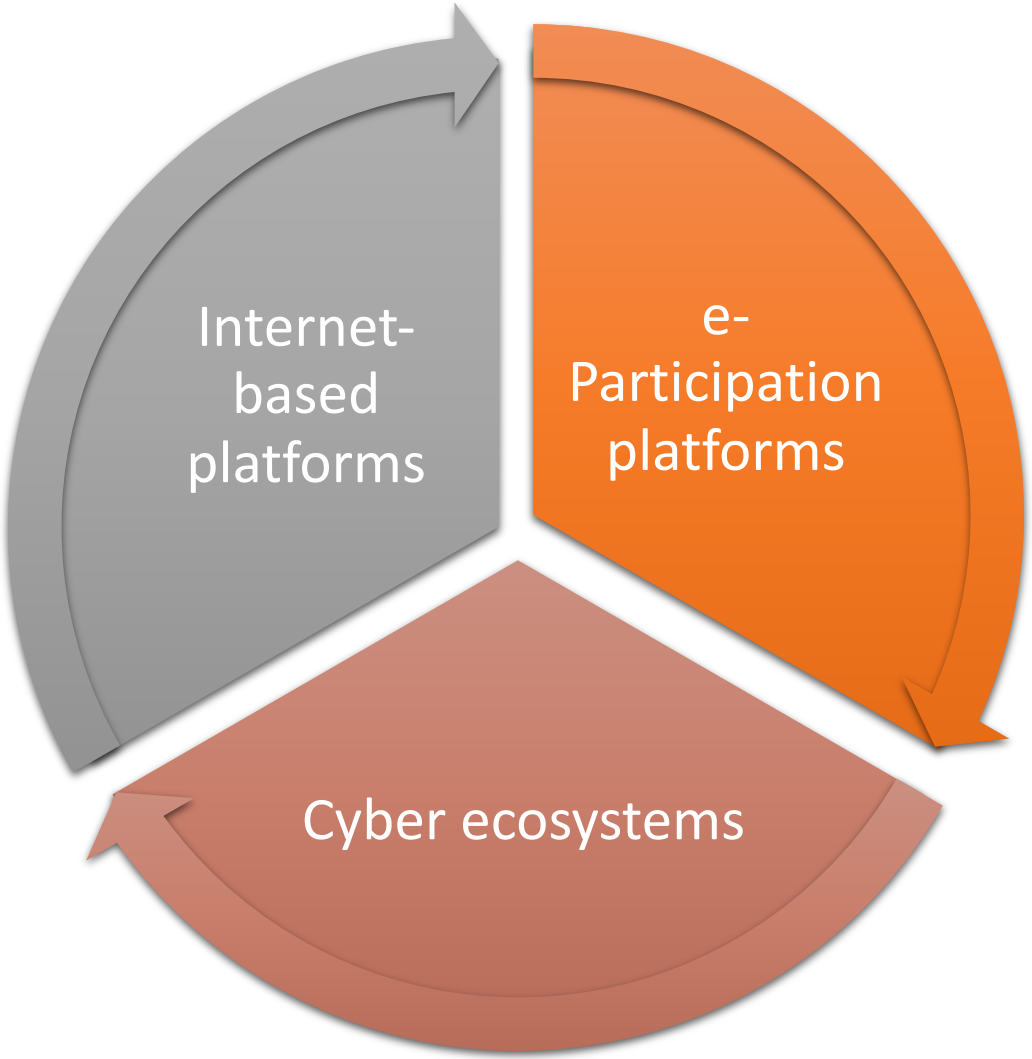
Public Policy Formulation Cycle (Source: By Nachmias &Felbinger, 1982)

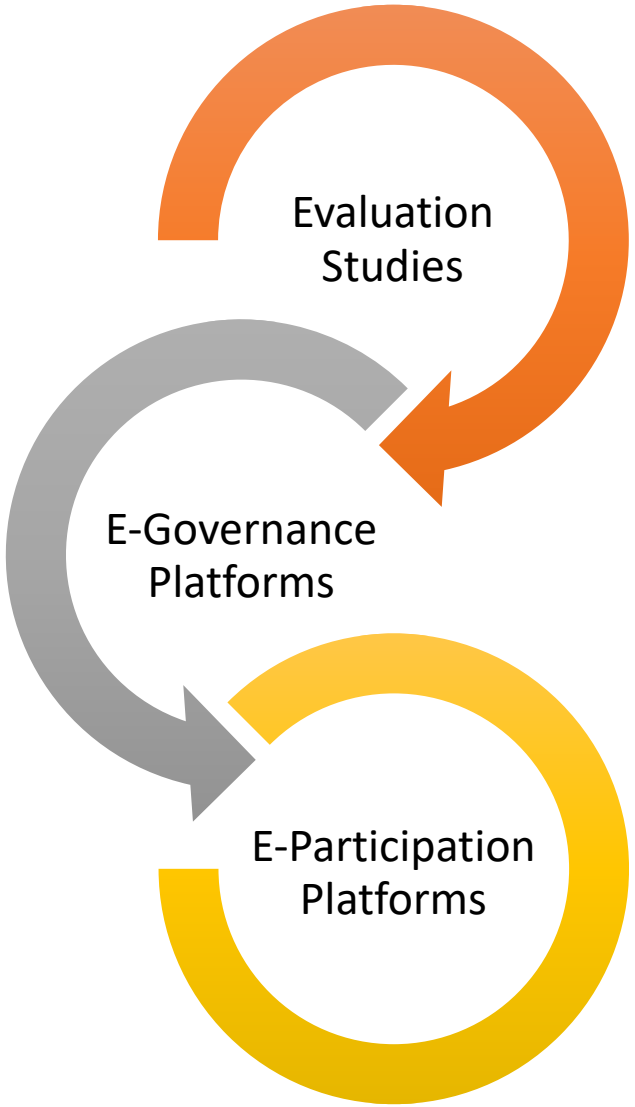
Laswell (1956)	Brewer & DeLeon (1983)	Patton & Sawicki (1993)	Vianna (1996)	Stone (1997)	Birkland(2005)
Problem Definition & Agenda Setting	Initiation		Agenda Setting		Agenda Setting
Formulation	Estimation	Verifying & Problem Defining	Formulation	Objective Identification	Policy Design
		Establishing Evaluation Criteria			
		Identification of alternatives		Identification of alternatives	
				Prediction of alternative's consequence	
	Selection	Evaluate Alternatives		Evaluate consequences	
Adoption		Distinguish Alternatives		Select Optimal Alternative	
Implementation	Implementation		Implementation		Implementation
Evaluation	Evaluation	Monitor & Evaluate	Evaluation		
Feedback (change ifeeded)	Terminate				

Comparative Analysis of Stage Model of Public Policy (Source: Compilation by Author)



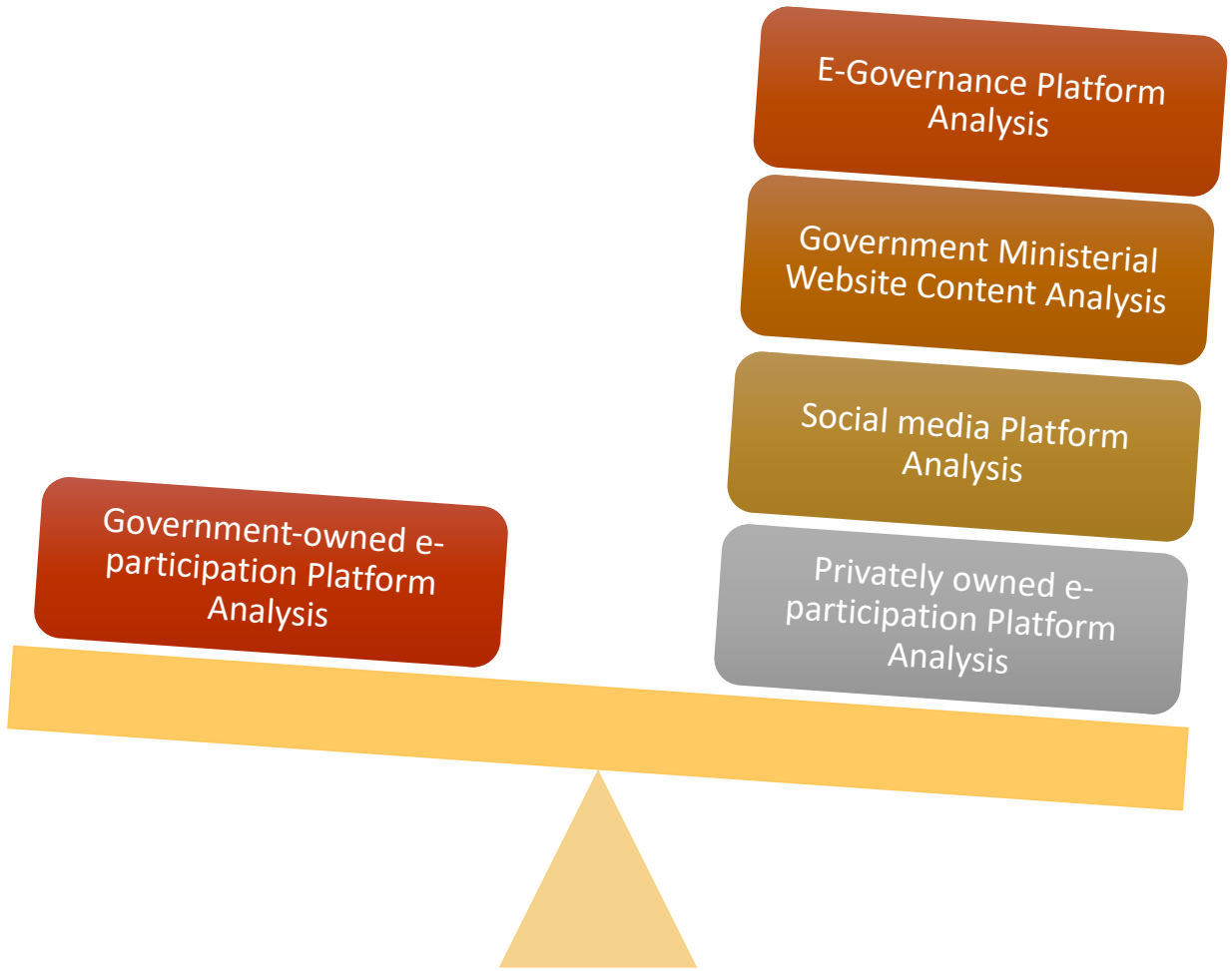
Data Based Policy Cycle (Johann, Peter & Ralph, 2016)


Internet-based platforms
e-Participation platforms
Cyber ecosystems


Evaluation Studies
E-Governance Platforms
E-Participation Platforms

Research Gap

Existing Research



We the People

- USA

E-Petitions

- UK

Demokratia. fi

- Finland

bundestag.de

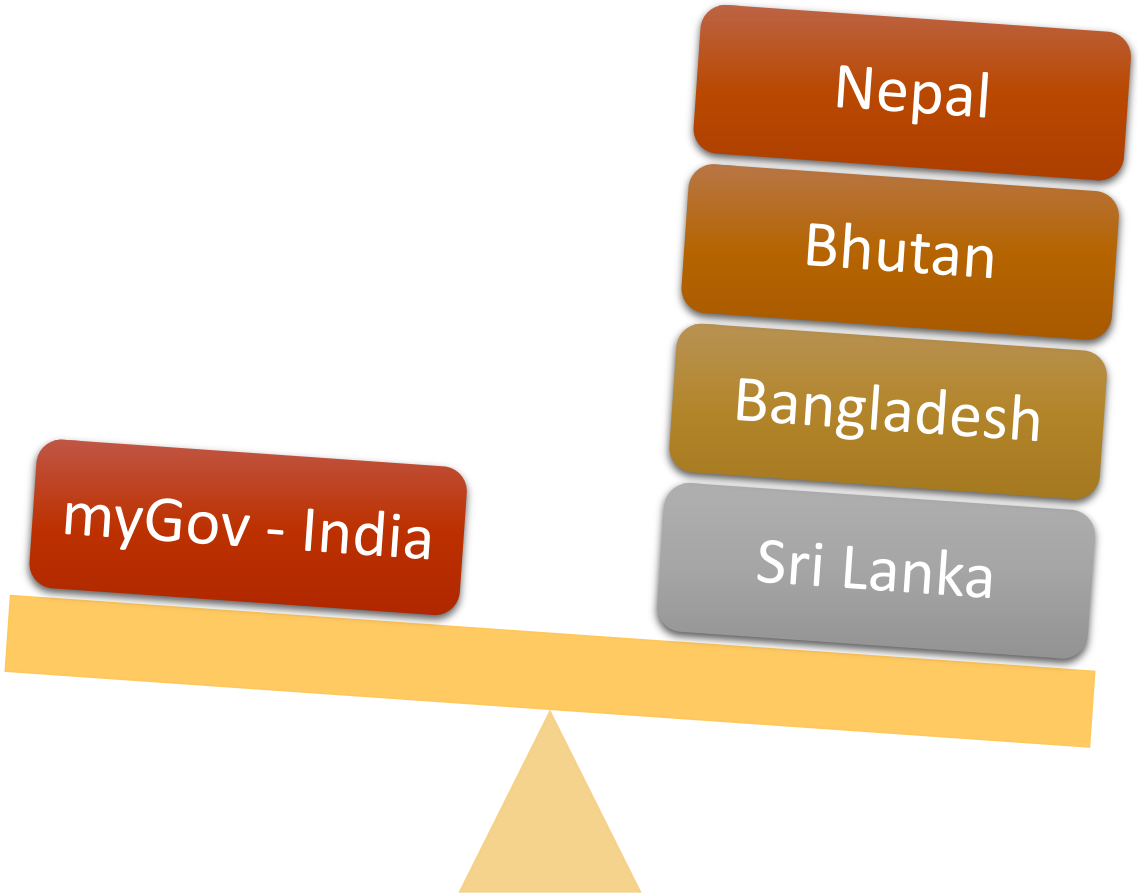
- Germany

myGov.au

- Australia

E-Participation Platform

No E-Participation Platform



GIS Mapping

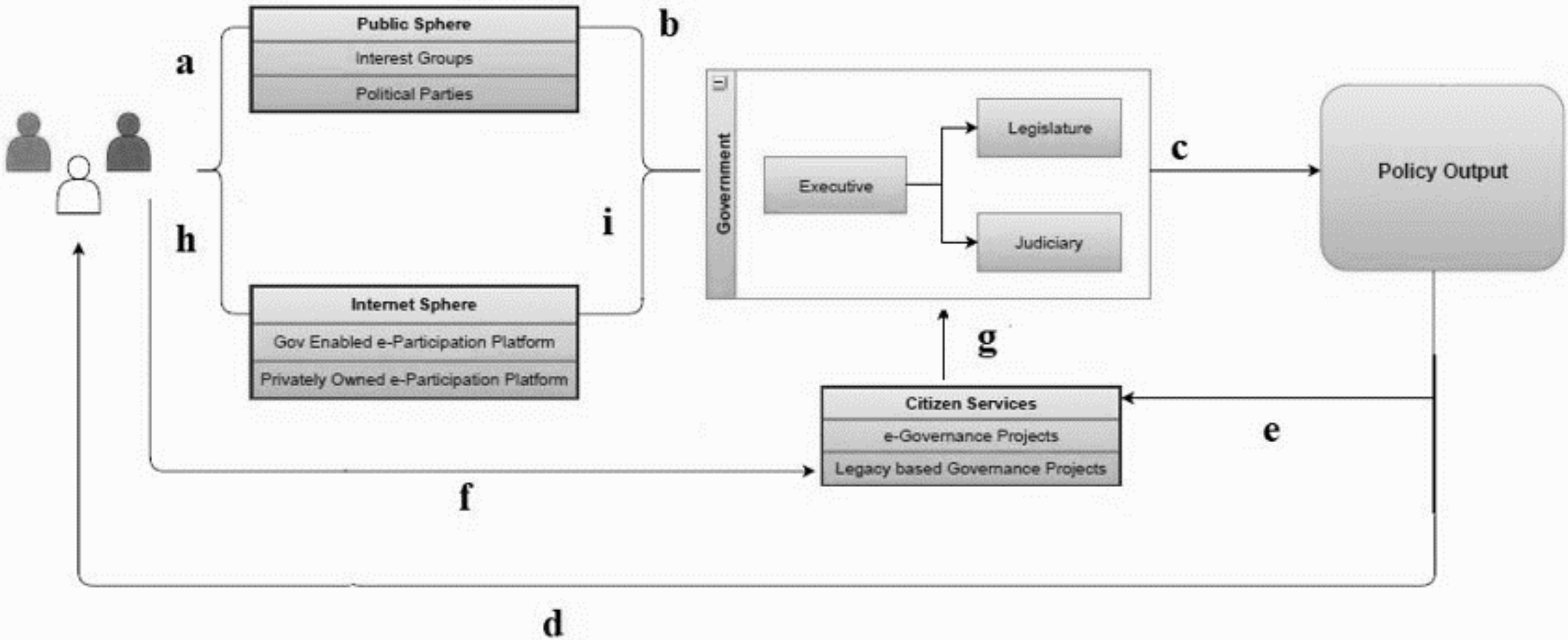
- Socio-Economic Caste Census 2011 & e-Participation Volume

Content Analaysis

- Smart City Campaign over myGov Platform

Textual Analysis

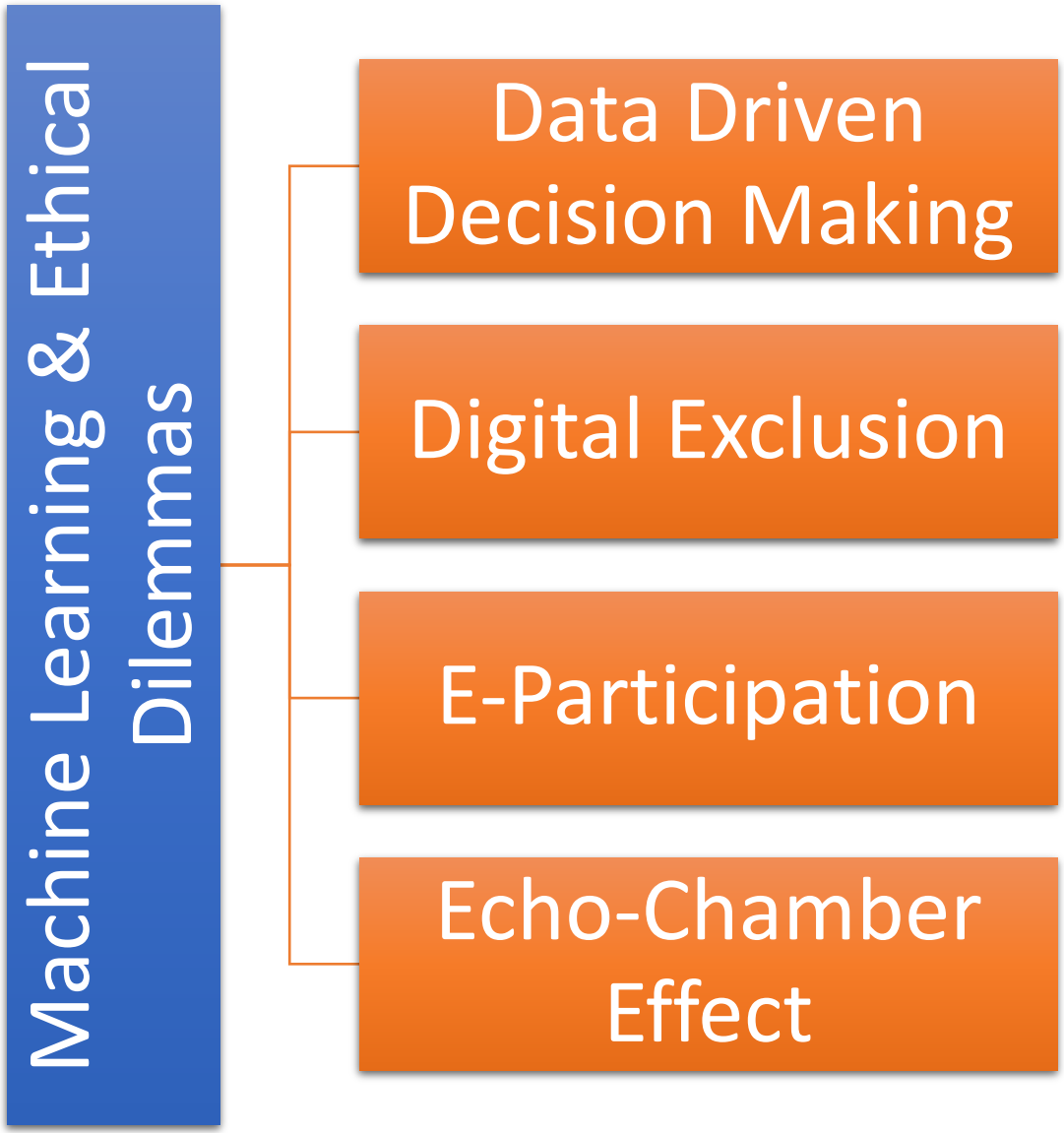
- Response Analysis of the User's Policy Suggestions

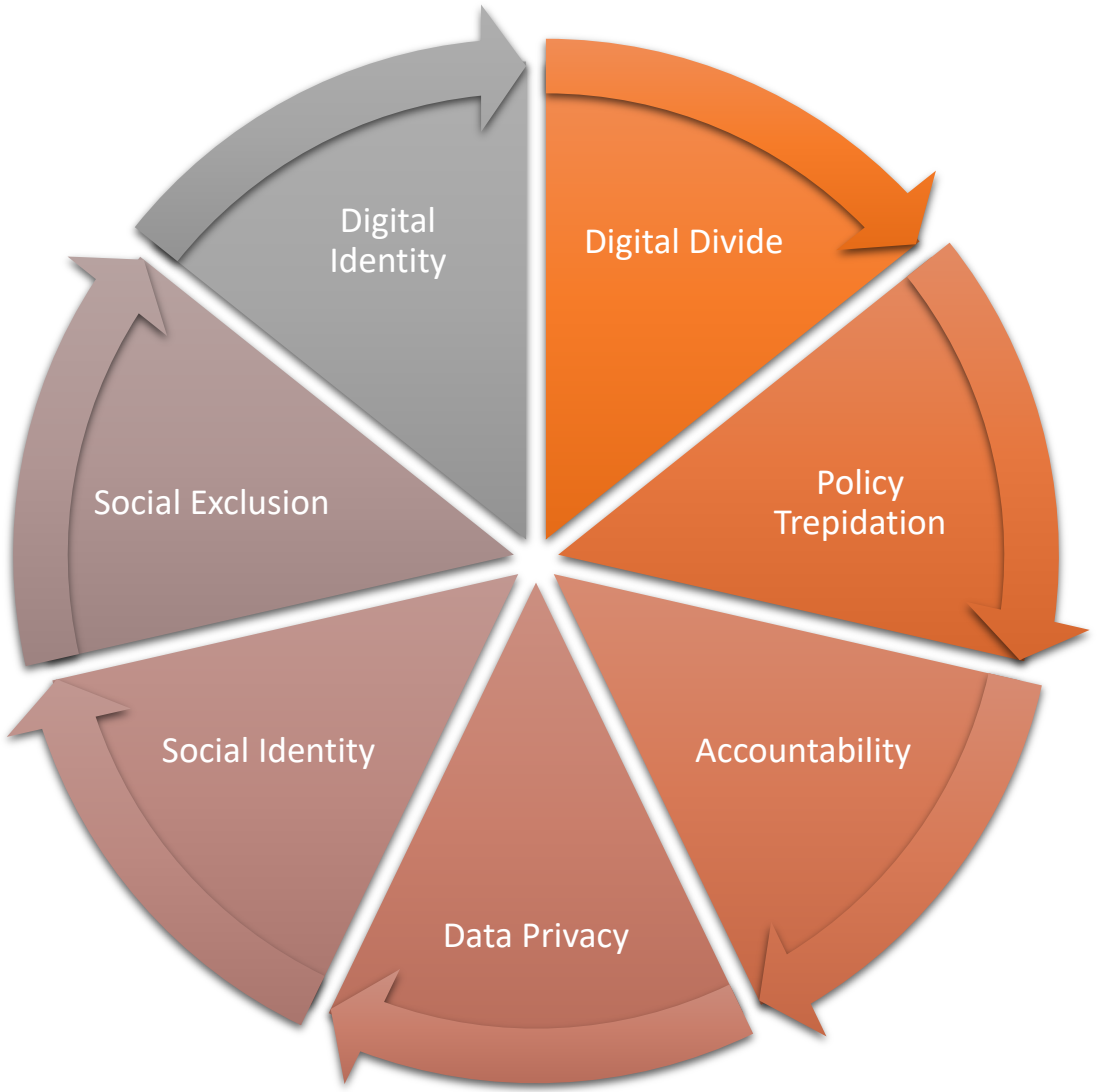


Policy Cycle during pre-ICT Phase : a-b-c-d-f-g
Policy Cycle post e-Government Project Launch: a-b-c-e-f-g
Policy Cycle post e-Participation Platform Launch: h-i-c-e-f-g

Digital Ethics - BREAU Effect

- **B**ias
- **R**elevance
- **E**xclusion
- **A**ccuracy
- **U**ncertainty


Machine Learning & Ethical Dilemmas
Data Driven Decision Making
Digital Exclusion
E-Participation
Echo-Chamber Effect


Digital Identity
Digital Divide
Policy Trepidation
Accountability
Data Privacy
Social Identity
Social Exclusion

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