



gov4all

Applications

Services

Open Data

Community

# Gov4All: An open data and open services repository for supporting citizen-driven application development for governance



Yannis Charalabidis, University of the Aegean

# Ποιοι Είμαστε - Τι κάνουμε (ενδεικτικά)

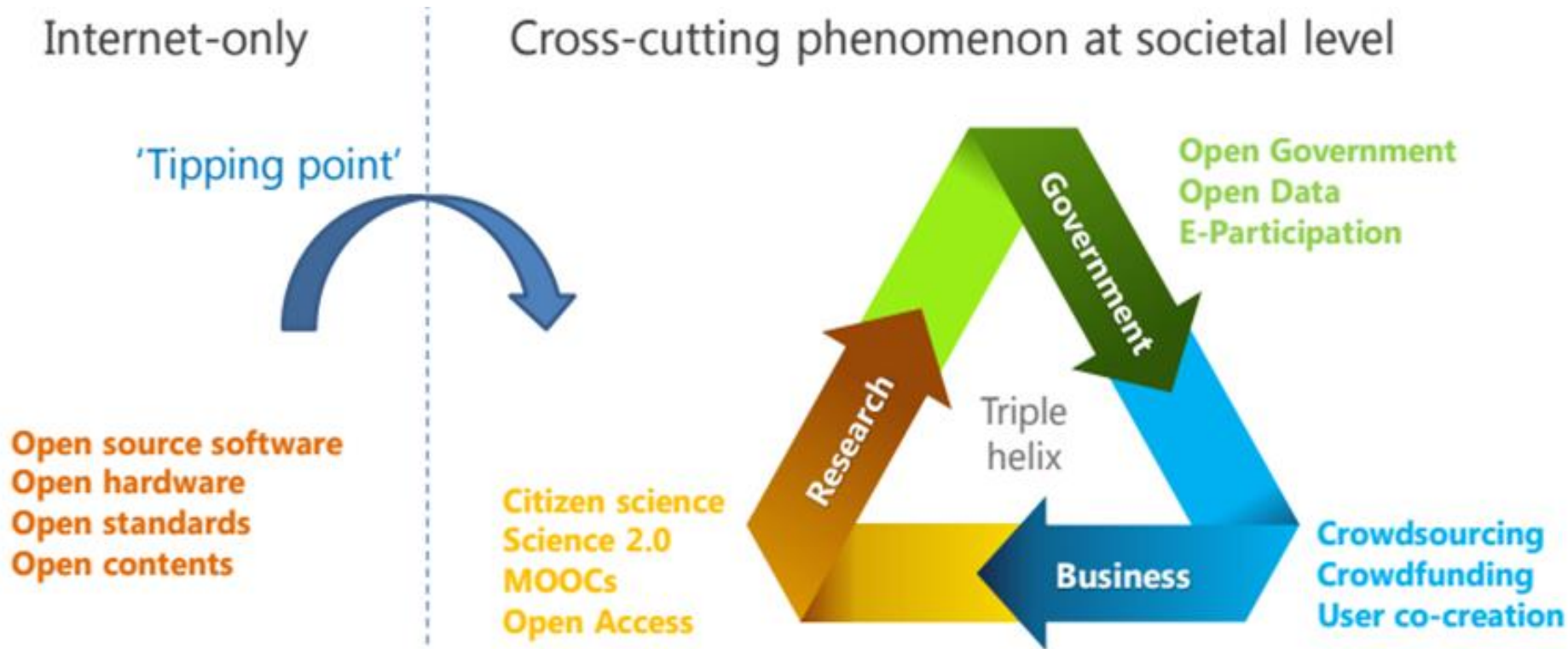
- ▶ Ένα ερευνητικό κέντρο για την ηλεκτρονική διακυβέρνηση, στο Πανεπιστήμιο Αιγαίου, διασυνδεδεμένο με ελληνικά και ξένα ΑΕΙ, κέντρα έρευνας, επιχειρήσεις και ομάδες πολιτών. 10 στελέχη - 50 ενεργοί φοιτητές και απόφοιτοι - 500 φοιτητές, πολίτες και δίκτυο συνεργαζόμενων
- ▶ Έρευνες και μελέτες για την ηλεκτρονική διακυβέρνηση. Δείτε:
  - ▶ [Έρευνα 2015: Συστήματα Ηλεκτρονικής Συμμετοχής στους 350 Δήμους](#)
  - ▶ [Έρευνα 2015: Συστήματα Ηλεκτρονικής Συμμετοχής στις Περιφέρειες](#)
- ▶ Εργαλεία για την ηλεκτρονική διακυβέρνηση
  - ▶ [Το Wiki του Πλαισίου Διαλειτουργικότητας](#)
  - ▶ [Το Λεξικό όρων Ηλεκτρονικής Διακυβέρνησης](#)
  - ▶ Αυτοματοποιημένη αναδιοργάνωση υπηρεσιών μέσω προσομοίωσης (eGOVSIM)
  - ▶ [Open Services and Open Apps Registry and Development Environment \(Gov4All\)](#)
- ▶ Εκπαίδευση στην Ηλεκτρονική Διακυβέρνηση
  - ▶ Μεταπτυχιακό Πρόγραμμα στην Η-Δ (e-learning & face-to-face)
  - ▶ Master by Research στην Η-Δ (εξ αποστάσεως)
  - ▶ Δια Βίου εκπαίδευση στην Ηλεκτρονική Διακυβέρνηση
- ▶ Εξειδικευμένες ηλεκτρονικές υπηρεσίες για φορείς του δημοσίου και ιδιωτικού τομέα
  - ▶ Smart City Meter : αυτοαξιολόγηση Δήμων με οδηγίες για δράσεις smart cities
  - ▶ Interop Meter: αυτοαξιολόγηση φορέων για το Πλαίσιο Διαλειτουργικότητας
  - ▶ Συντήρηση κωδικολογίων και σχημάτων μεταδεδομένων (υπηρεσίες, δεδομένα, πρότυπα)
  - ▶ Χάρτης Δράσεων για την Η-Δ στην Ελλάδα : Το πλέγμα των δράσεων (ταξινόμια 10-50-250 δράσεων)

# Rationale

- ▶ Making open data available does not necessarily lead to **better utilisation** from citizens and businesses
- ▶ Engaging end users is essential to ensure that the data made available is the data people want and that it is worth the effort of publishing
- ▶ End users (non-developers) are not interested in data - but they might be interested in new **data-driven services and applications**
- ▶ Public authorities need to know if someone is going to do something with the data to justify the data publishing effort
- ▶ **Crowd sourcing** is a prime example of community engagement - the community that wants the data helps to create and manage the data



# Open Innovation Paradigm Shift : from open governance to data-driven collaboration



# Crowdsourcing

- ▶ Identify the need first and then seek groups able to support solving that need via crowd sourcing.
- ▶ Think of crowd sourcing as another tool to create/improve data sets and think about the phases of your data collection project and where crowd sourcing could best fit in.
- ▶ Involve stakeholders who could benefit from a free source of certain data sets and have them provide funding in order to sustain crowd sourcing efforts.
- ▶ Minimise the size of each task.
- ▶ Use a gamification approach.



# Engagement

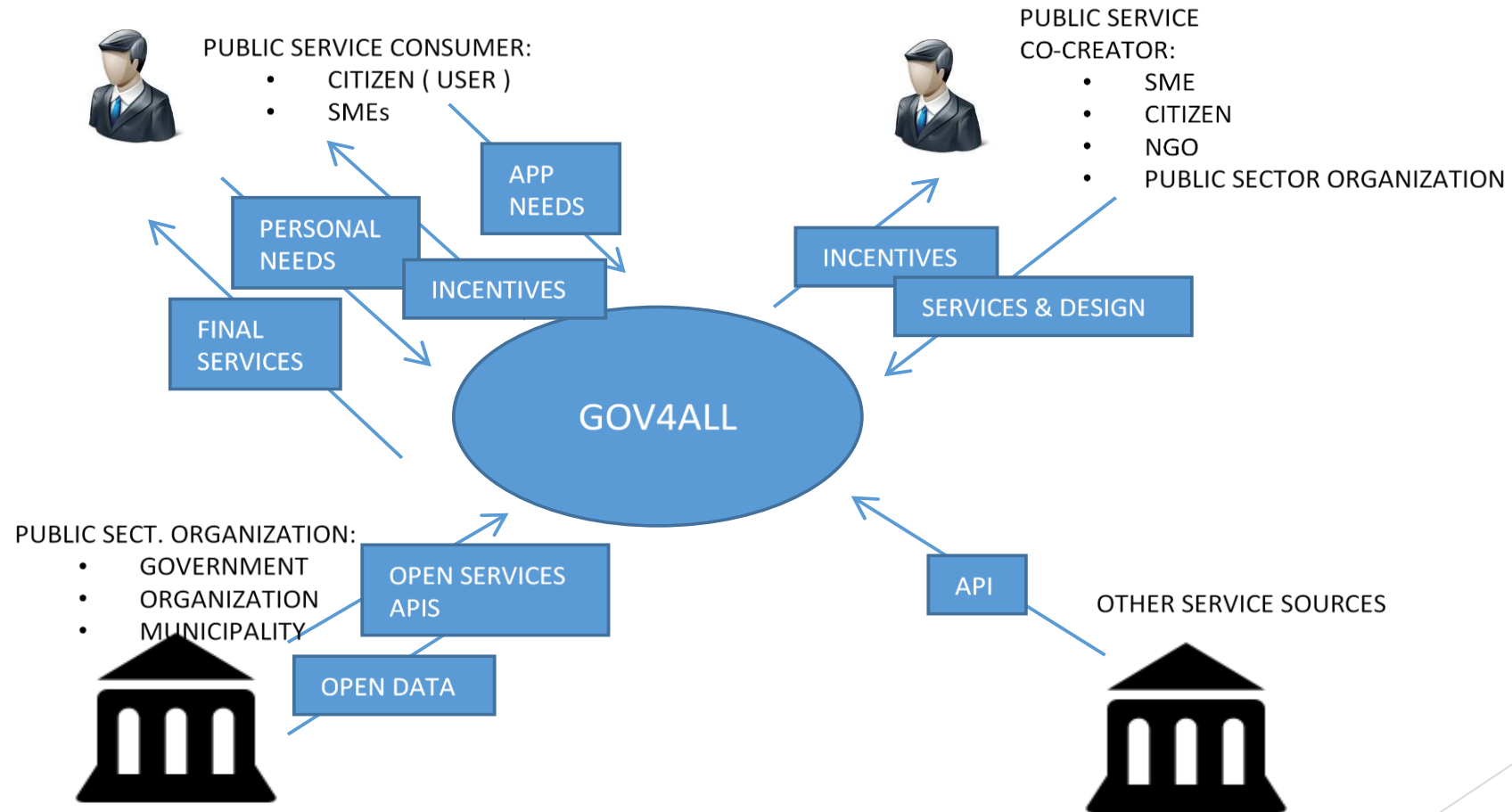
Engaging citizens requires effort !

It is a job in itself to reach out to different members of the community and to respond to requests.

- ▶ Provide a home - offer the ability to citizens / users to create a profile and login via social media.
- ▶ Create an open data marketplace - citizens can put in a request - that is public for everyone to see (this draws on gamification principles).
- ▶ Allow users to be publishers - allow for upload of datasets by users.
- ▶ Allow working on datasets, i.e. make users curators.
- ▶ Provide incentives such as:
  - ▶ publishing the popularity of the users;
  - ▶ free tickets to community events, free parking etc.
  - ▶ 'Datathons' (longer competitions);
  - ▶ data journalism competitions.
- ▶ Data journalism was suggested should be seen as another 'tool' to raise awareness among citizens; story telling is far more interesting than numbers or charts



# The Gov4All Concept



# Gov4All platform



Applications

Services

Open Data

Community

Search



## Give your data a home

We offer the functionality to developers to host and publish open data via Web Services.

[Open Data](#)

### Applications

A citizen oriented application directory maintained by citizens. An active community that traces and evaluates applications made by citizens, companies or government.

[More](#)

### Services

A web service directory from government or companies.

[More](#)

### Open Data

Access to open government data to citizens. Data is maintained by our community members, providing means to develop new smart applications and services.

[More](#)

### Community

Our community that spots and develops services and applications for citizens.

[More](#)



# Basic Modules

Vision, Mission,  
Communication,  
Use Cases

Administration/  
Index of Users  
(citizens &  
businesses)

Application  
Registry

Web Service  
Registry

Subscribe an App

Subscribe a Web  
Service

Instructions for  
Application  
Development -  
Design Studio

Semantic Assets  
(Codelists for  
sectors, types of  
apps, platforms  
etc.)

Open Data  
Sources Registry

Declare your  
need for web  
service

Relative sites  
(open data, gov,  
communities)

Declare your  
need for app

- ▶ Web and mobile operation: compatibility with all platforms
- ▶ Mobile friendliness for all operating systems and devices
- ▶ The basic language is Greek / English version is under development
- ▶ Social media-like user interface
- ▶ Maintenance without further development
- ▶ Three user roles: visitors, registered users, moderators
- ▶ Rating and comments capabilities for applications, data and web services from registered users and visitors
- ▶ Integration with Facebook, Twitter and LinkedIn social media platforms (users can use their own accounts for publishing their comments)



# Re-usable Assets and Functionality

- ▶ Registration of open government applications developed by citizens and businesses, through equal and open participation of groups, individuals, businesses or organizations
- ▶ Gathering of available open data and web services (web services) provided by the public sector, aiming to the voluntary development of open, free applications
- ▶ Promotion of new technologies in open government, especially as regards mobile devices (mobile platforms), open web services and open governmental data
- ▶ Provision of training in the use of open data and services for applications development
- ▶ Support the cooperation between citizens, government and businesses in order to promote the above objectives

# Current Status

- ▶ Name, URL, Facebook, Twitter, LinkedIn and Google+ reservation
- ▶ Basic functionality for all modules
- ▶ Basic codelists for metadata fields descriptions
- ▶ 50 registered apps following the developed metadata prototype
- ▶ 15 registered web services following the developed metadata prototype
- ▶ 22 registered open data sources following the developed metadata prototype
- ▶ 50 registered users
- ▶ Cooperation with other initiatives, developers, research centres, companies, public sector bodies, other communities etc.

# Further Steps

- ▶ ***The Collaborative Service Design Studio***

- ▶ (a) design and create their own applications and
- ▶ (b) to create mashup applications, combining already existing applications and web services

- ▶ ***The Public Value Services Marketplace***

- ▶ offers the created personalized services under commercial terms. It implements the vision where governments, citizens, and businesses in Europe mutually benefit from services of public value

# Thank you for your attention !

Visit Gov4All project at: <http://gov4all.azurewebsites.net/>

**Yannis Charalabidis**

Head, Information Systems Laboratory

Director, Innovation and Entrepreneurship Unit

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Department of Information and Communication Systems Engineering

University of the Aegean

Twitter : yannisc

Email : yannisx@aegean.gr