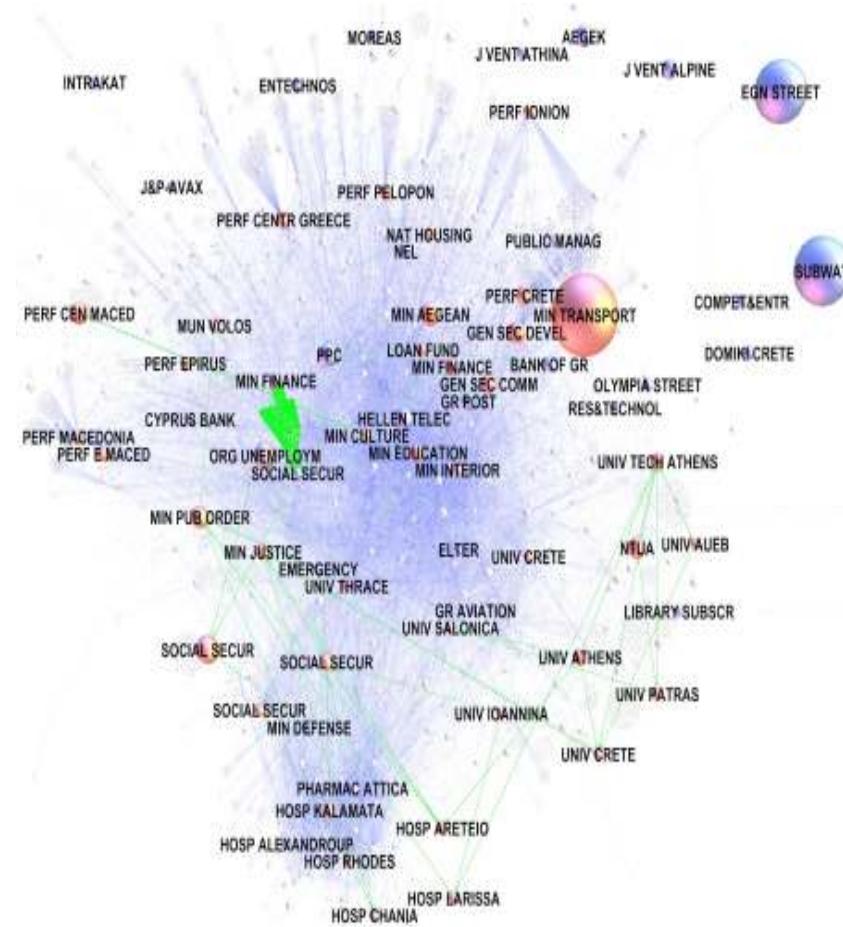


Publicspending.gr: network analysis in public expenditure



M. Vafopoulos, I. Anagnostopoulos, M. Meimaris, M. Klonaras, I. Xidias, A. Papantoniou, G. Vafeiadis, V. Loumos and G. Alexiou

Multimedia Technology Laboratory, School of Electrical and Computer Engineering,
National Technical University of Athens

(initial) scope

to provide an objective layer of information that will enable citizens, journalists, business people and politicians to re-discover their own “stories” from data.

The Cl@rity program in Greece

- A revolution in open government
- ex-ante reporting of every state decision
- paradigm shift for 40K public servants



Ministry of Public Administrative Reform and e-Government

home (GR) Τι είναι η ΔΙΑΥΓΕΙΑ

Transparency and Openness Policies of the Greek Government

“Cl@rity” Program: Every Government Decision on the Internet

The Cl@rity program in Greece

- manifests the value of **procrastination** principle (**again**)
- strong rival to the **Clientelistic** state
- The new version under development (delivery: end of 2013)

PSGR: publicspending.gr

2011: I believed that the Clarity program is the open data “gold” (& persuaded 7 more people)



PSGR: publicspending.gr

2012: ...with some dust and rocks in a deep goldmine



PSGR: publicspending.gr

2013: time to chisel some jewelry



Ivy Wreath, Mid 4th century B.C., Dion Archaeological Museum



Advanced Search

charts

domains ▾

endpoint

labs

about



Search for organizations...



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search

Payers/Payees ▾ Decisions ▾ Signers ▾ Geographical areas ▾

* The following fields are not required

eg if no name is entered, all payers and payees that comply with the other options will be returned

Insert name

Select

Region

Select

Municipality

Select

Legal status

Postal zipcode

Search

€17,129,609,433

OF PUBLIC

€4,605,820,486

€3,840,633,304

MPANIES

€2,360,208,723

Linked Data

where my money goes

Search for organizations...



advanced search

Municipality of Chios

Municipality of Chios
€35,625,377

Number of payments
7,551



Website: <http://www.chios.gr>

Population: 51930

Regional Unit: [Regional Unit of Chios](#)

Region: [Region of North Aegean](#)

Description: Chios is the fifth largest of the Greek islands, situated in the Aegean Sea, seven kilometres (five miles) off the Asia Minor coast. The island is separated from Turkey by the Chios Strait. The island is noted for its strong merchant shipping communi...

[Read more from Wikipedia](#)

Like 1 Share 1 Tweet 1

List of payees registered in Municipality of Chios since 10/2010

Payee name	Address	Main activity	Total payments
ΔΙΜΟΤΙΚΉ ΕΠΙΧΕΙΡΗΣΉ ΥΔΡΕΥΣΉΣ ΚΑΙ ΑΠΟΧΕΤΕΥΣΉΣ ΝΪΣΟΥ ΧΙΟΥ	DIMOKRATIAS 4 , CHIOS	Treatment and distribution services of water through mains	€2,619,906
ΥΠΕΡΑΣΤΙΚΟ ΚΤΕΛ ΝΟΜΟΥ ΧΙΟΥ ΑΝΩΝΥΜΉ ΕΤΑΙΡΙΑ	ΑΓΕΛΑΣΤΟΥ 17-19 , CHIOS	Interurban scheduled road transport services of passengers	€2,278,944

Business profiles

 where my money goes

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COSMOTE-KINĪTES TĪLEPIKOINŌNIES ANŌNYMOS ETAIREIA

Receipt

Has received from the public
€8,528,013
(5,064 decisions)

 Like **1**  Share **0**  Tweet **1**

Main activity Wireless telecommunications services
Address L KĪFISIAS 99 - [map](#) 
City MAROUSI
Zip code 15124
Phone 2106177777
Status 
Active Since 1996-10-17
Inactive Since -
VAT number 094493766
Fiscal authority MEGALŌN EPICHEIRĪSEŌN
Legal status Other Type of Legal Entity

Status	Date	Payer	Amount	Payment category (CPV)	Signer	Decision	PDF
 completed	2010-11-05	YPOURGEIO ETHNIKĪS PAIDEIAS KAI THRĪSKEUMATŌN	€525,676	Mobile telephones	PIPINA TRIANAFYLLOPOULOU	4IH39-MP	
 completed	2010-11-24	YPOURGEIO ETHNIKĪS PAIDEIAS KAI THRĪSKEUMATŌN	€6,546	Mobile-telephone services	PIPINA TRIANAFYLLOPOULOU	4I099-H	
 completed	2010-11-24	YPOURGEIO ETHNIKĪS PAIDEIAS KAI THRĪSKEUMATŌN	€6,236	Mobile-telephone services	PIPINA TRIANAFYLLOPOULOU	4I099-2Φ	

Spending in my area

where my money goes

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Zipcode 57001

Payments of contractors belonging Zipcode 57001

€1,804,093,604

Number of payments

12,116

List of contractors belonging Zipcode. 57001

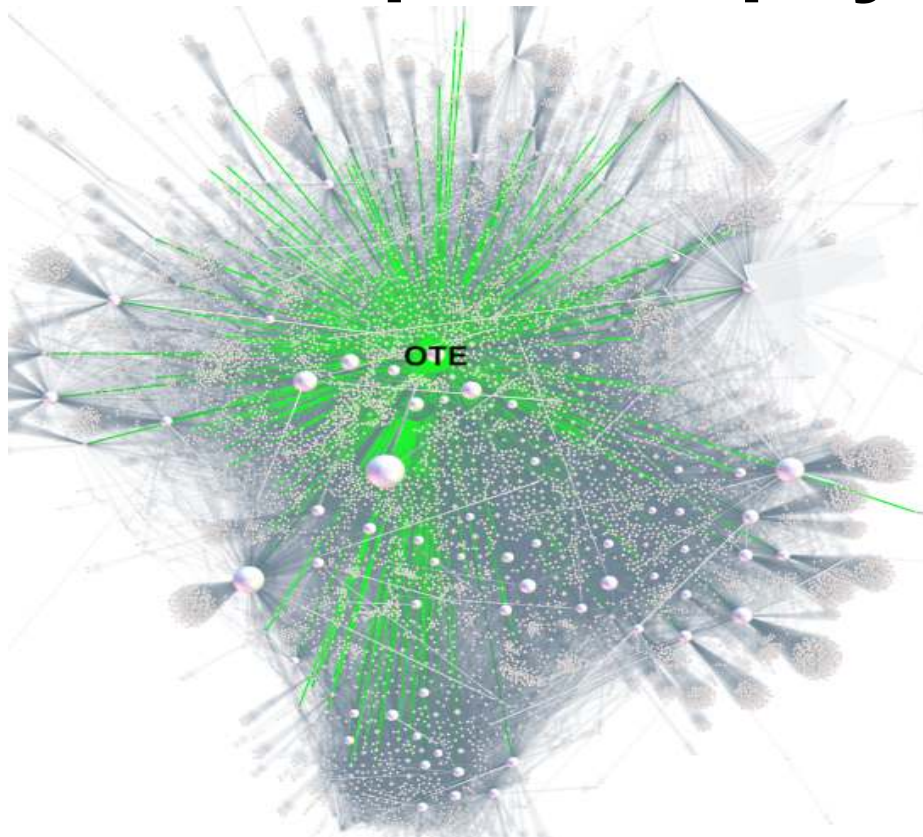


Like 0 Share 0 Tweet 0

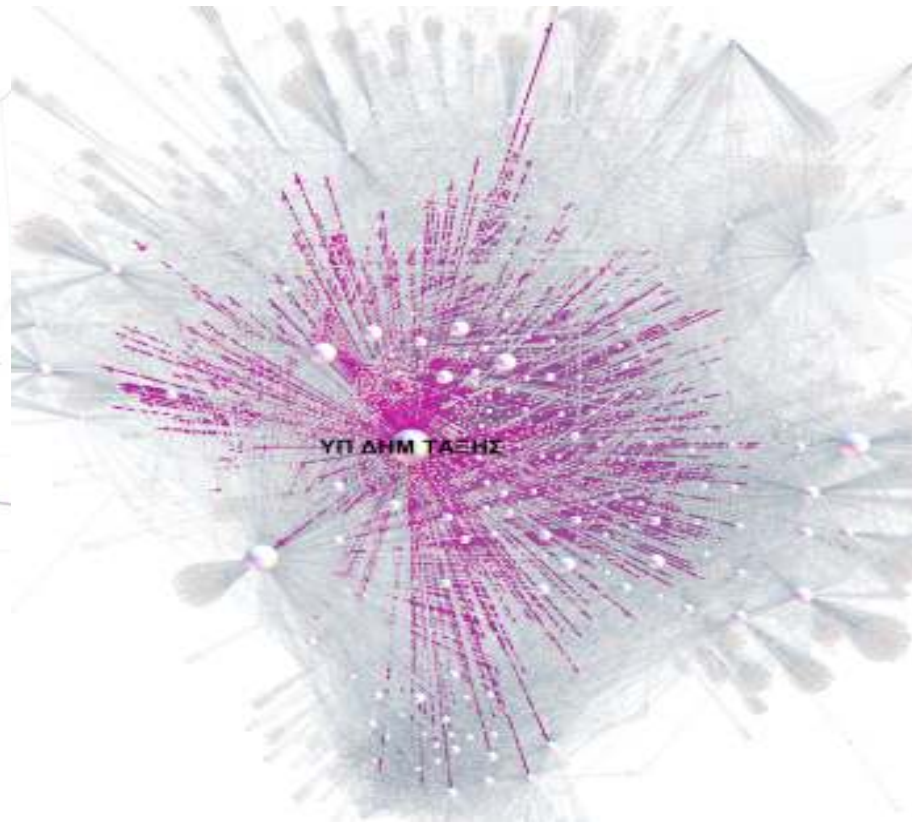
List of contractors belonging Zipcode 57001 from 10/2010 to date

Name of contractor	Government payments	Number of payments
EGNATIA ODOS ANÖNYMÍ ETAIREIA	€1,734,934,074	386

important payees and payers

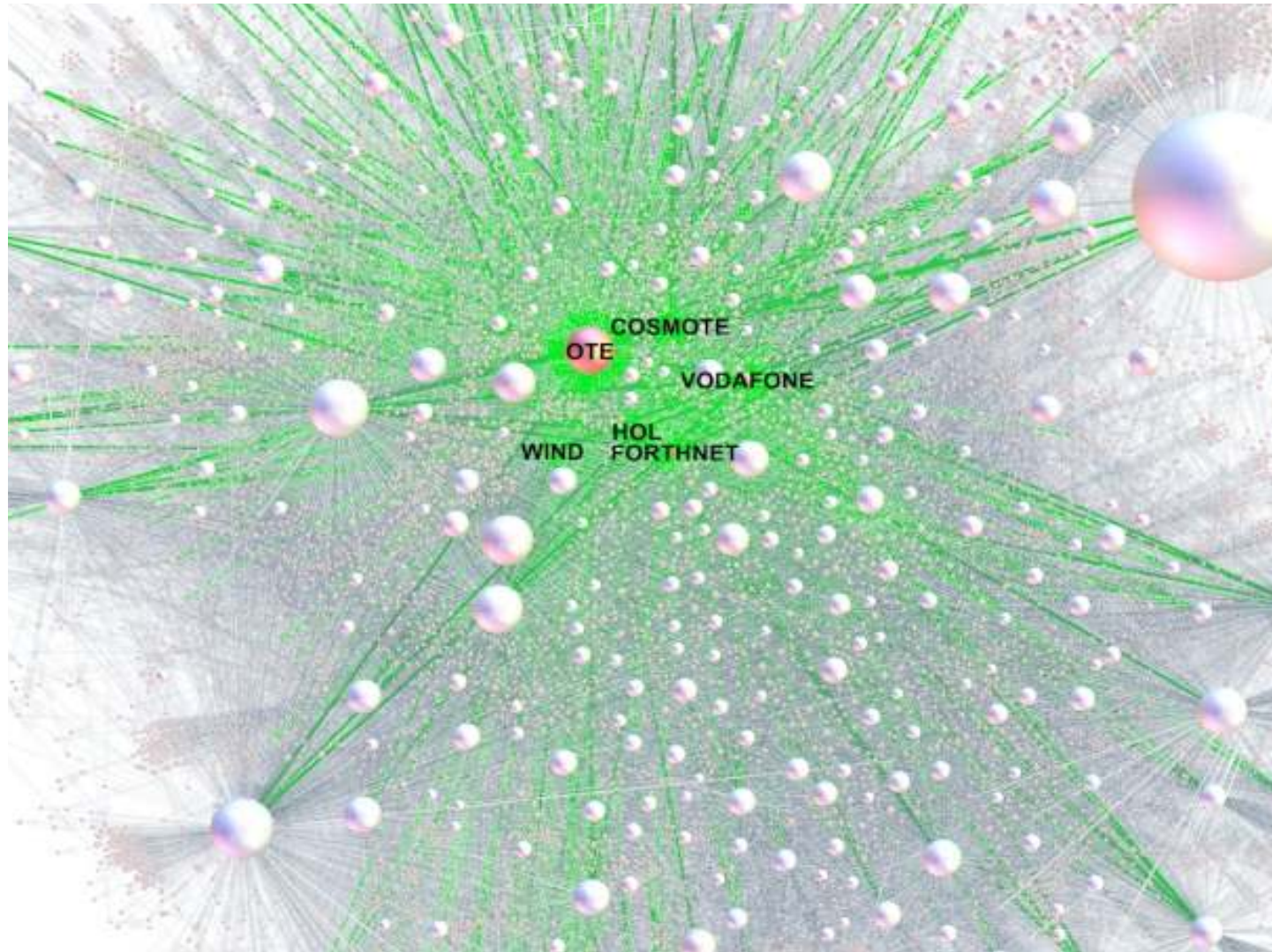


the Hellenic Telecommunication Organization (OTE) has the highest in-degree
(green arrows=incoming payment).

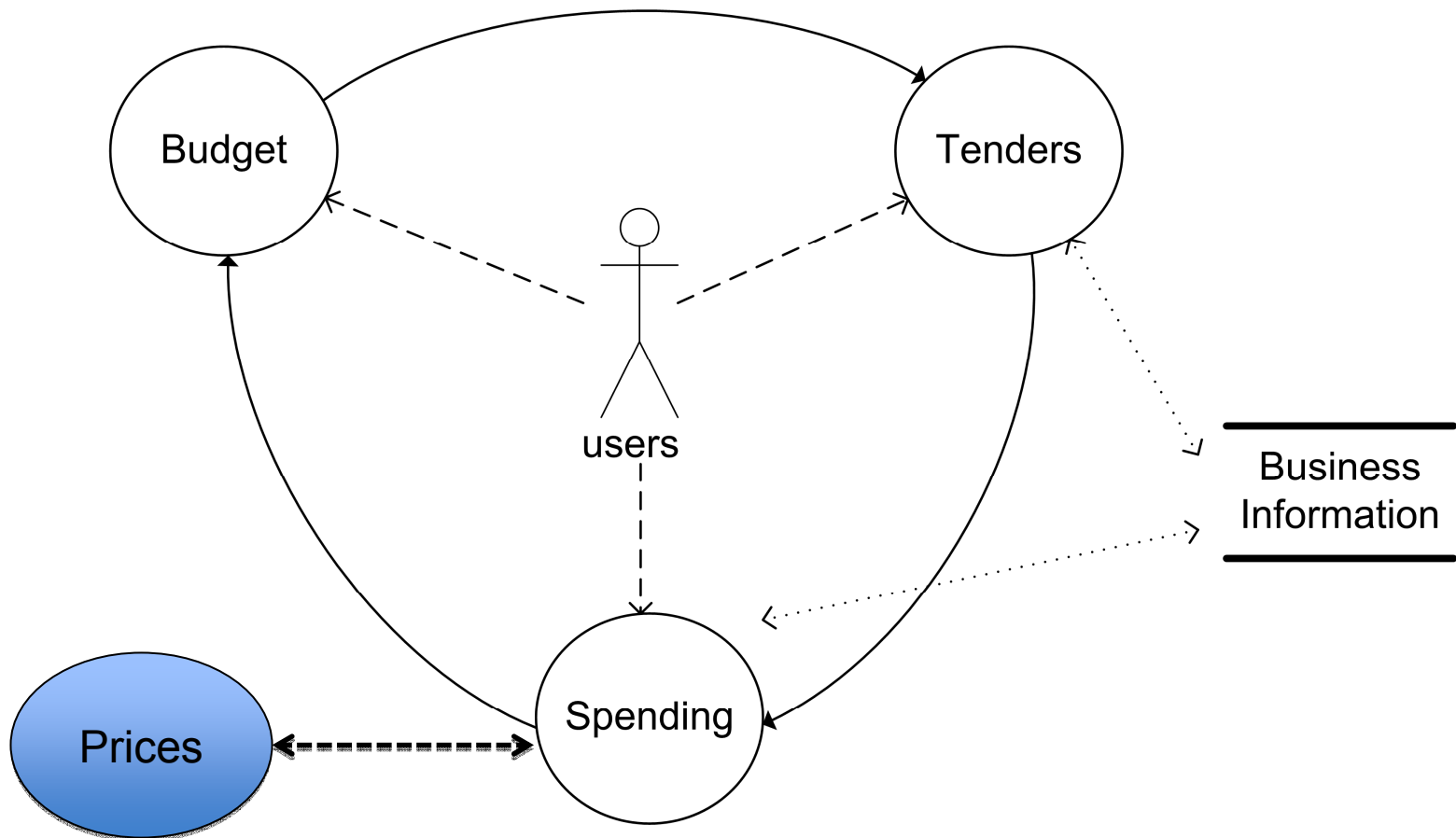


the Ministry of Public Order has the highest out-degree
(red arrows=outgoing payment).

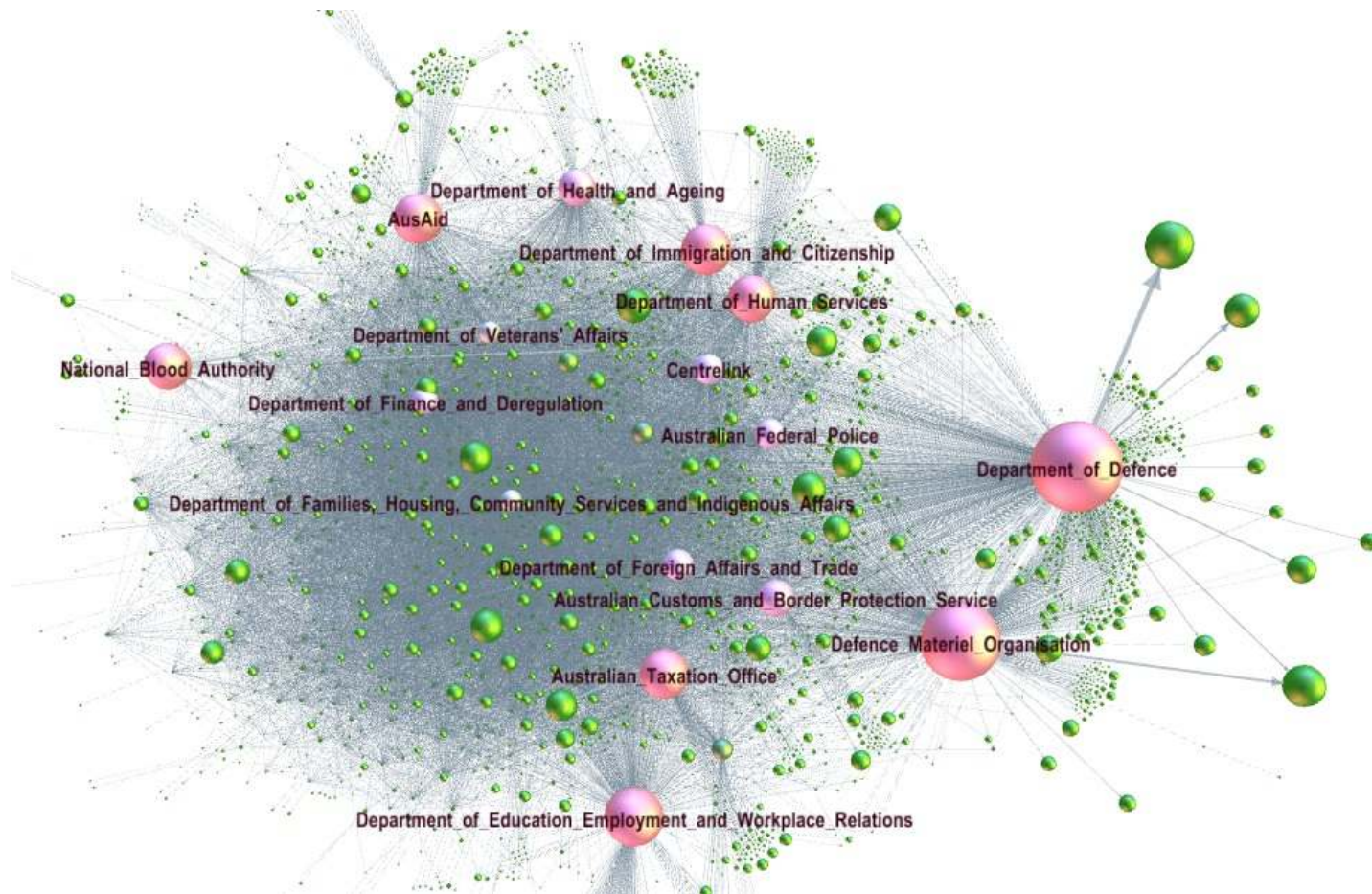
competition



public spending -> economics



Going global: AUSTRALIA



Sum up

- LOD apps can change the world
- Economic LOD is the natural nucleus of the ecosystem
- Network analysis a basic tool to analyze & visualize Linked Data

Real-time open data?

