



---

# Shaping the future of governments: Scenario building and Roadmapping eGovernment research

Results from the eGovRTD2020 project

Maria Wimmer

University of Koblenz-Landau, DE

# Project facts



- Specific support action under the EC 6th Framework Program of IST
  - Specific objective 2.4.9: ICT research for innovative government
- 9 Partners
  - 7 from five EC member states, 1 from USA, 1 from Australia
- Budget
  - Overall project budget: EUR 643.034,--
  - EC grant to the budget: EUR 523.000,--
- Duration
  - Start: 1st January 2006
  - Duration: 17 months
- Human resources
  - 78,5 Person-months
- URL: <http://www.egovrtd2020.org/>



# Project Partners



- University of Koblenz-Landau (coordinator), Germany
- Delft University of Technology, The Netherlands
- Center for Technology and Innovation Management, Germany
- Mykolas Romeris University, Lithuania
- University of Maribor, Slovenia
- European Institute of Public Administration - CEFASS, Italy
- Systemes Informatique de Gestion, France
- The Australian National University, Australia
- Center for Technology in Government, University at Albany, USA



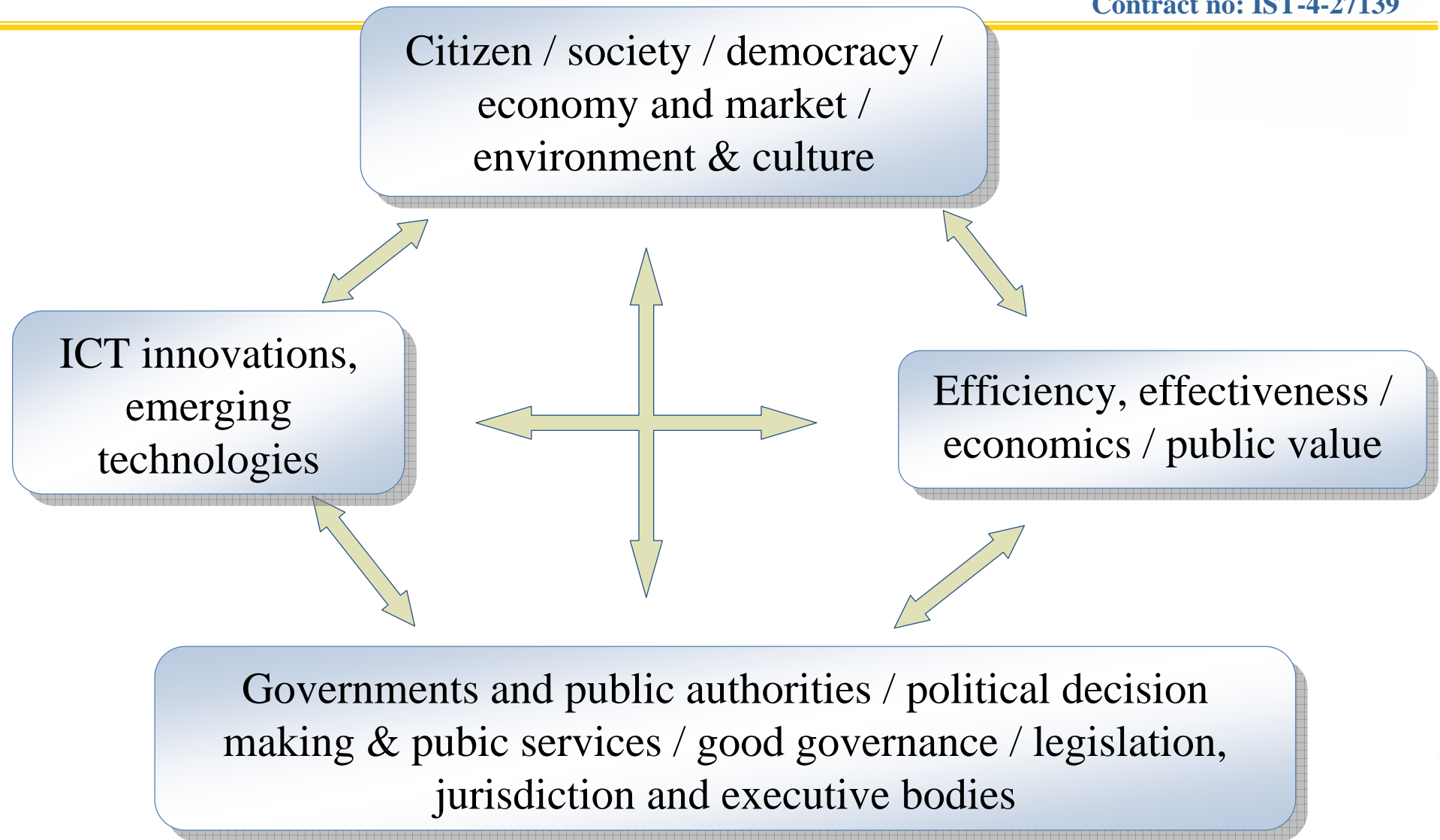
# Overall objectives of eGovRTD2020



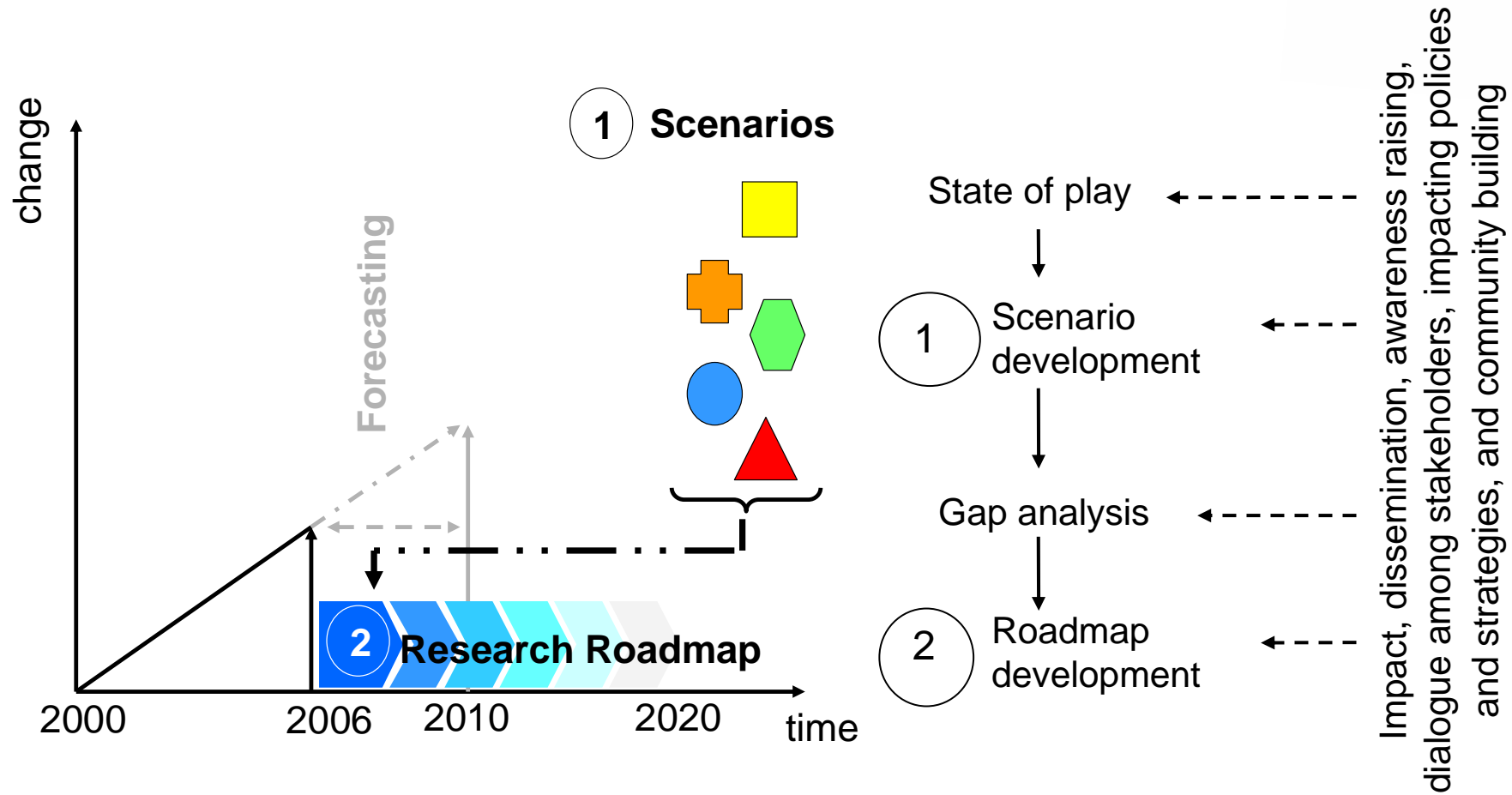
- Identify and characterize key **research challenges** and an implementation model for dynamic governments in 2020
  - Develop **visionary scenarios** of eGovernment for 2020
  - Develop a **detailed research roadmap** for the transformation process
- **Vision**
  - transform the EC Government **landscape into a coherent community**
  - contribute to the development of the EC as a **leading knowledge society**



# Underlying holistic framework



# eGovRTD2020 Methodology





# Facts sheet of the scenario-building workshops



Contract no: IST-4-27139

Country	City	Number of scenarios	Participants scenario-building workshops				Geographical spread by continents			
			Government	Academia	IT Industry & Consulting	Total	Europe	USA	Australia	Asia
Czech Republic	Prague	4	1	13	1	15	15			
Germany	Koblenz	5	2	13	4	19	19			
The Netherlands	Delft	4	4	7	8	19	19			
USA	San Diego	4	2	23	1	26	7	17		2
Lithuania	Vilnius	3	5	8	5	18	18			
Austria	Linz	4	11	9	5	25	25			
Slovenia	Bled	5	2	12	5	19	18	1		
<b>Total number of participants</b>		<b>29</b>	<b>27</b>	<b>85</b>	<b>29</b>	<b>141</b>	<b>121</b>	<b>18</b>	<b>0</b>	<b>2</b>



The most positive scenario

# Ambient government

[Stable environment, trust in government, government focus on inclusive services]



Contract no: IST-4-27139

Abstract: Government is all around. Citizens have a high confidence in government to effectively and efficiently settle issues for the common good. They are helped by a stable development of key environment variables.

## Core elements of scenario:

### Society and context

Europeanization  
Standardisation  
High investments into education as prevention measurement  
Internet communities

### Government

Cooperation between Europe's governments  
Central EU eProcurement  
No physical contact (high quality of eServices)  
Political power at EU and local level raises, decrease at national level  
Transparent decision-making  
Public-Private Partnerships

### ICT

Communication across cultures  
ICT as driver e.g. economic growth  
Universal wireless networks  
Security standards  
Sector-specific regulation  
Service-oriented architecture





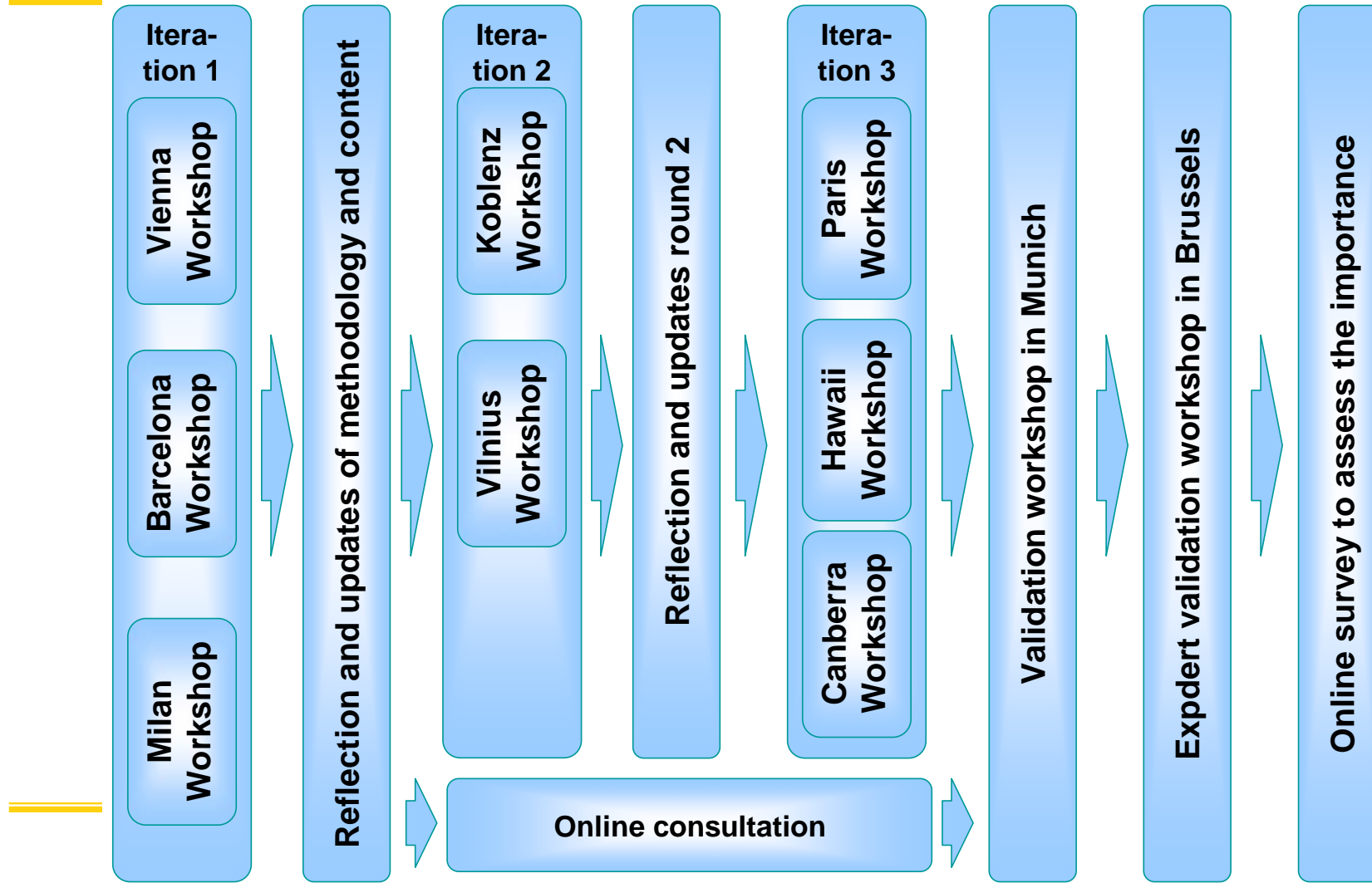
---

# Results from Roadmapping

# Roadmapping workshops - iterations ...



ST-4-27139



# Participants in the regional roadmapping workshops and online consultation



	Country where Workshop took place											Online	Total
	AT	ES	IT	DE	NL	LI	SI	FR	US	BE	AU		
Government & Politicians	6	3	8	1	5	7	4	3		14	6	14	71
IT Industry and Consulting	5	12	1	8	7	6	8	2		14	10	19	92
Academia	5	13	4	9	5	6	6	7	20	15	12	75	177
Total	16	28	13	18	17	19	18	12	20	43	28	108	340



# 13 Crucial Themes for Future eGovernment Research



Contract no: IST-4-27139

- Trust in eGovernment
- Semantic and cultural interoperability of public services
- Assessing the value of government ICT investments
- E-participation, citizen engagement and democratic processes
- Mission-oriented goals and performance management
- Cyber infrastructures for eGovernment
- Information quality
- Ontology and intelligent information and knowledge management
- Governance of public-private-civic sector relationships
- Government's role in the virtual world
- Crossing borders and the need for governance capabilities
- eGovernment in the context of socio-demographic change
- Data privacy and personal identity

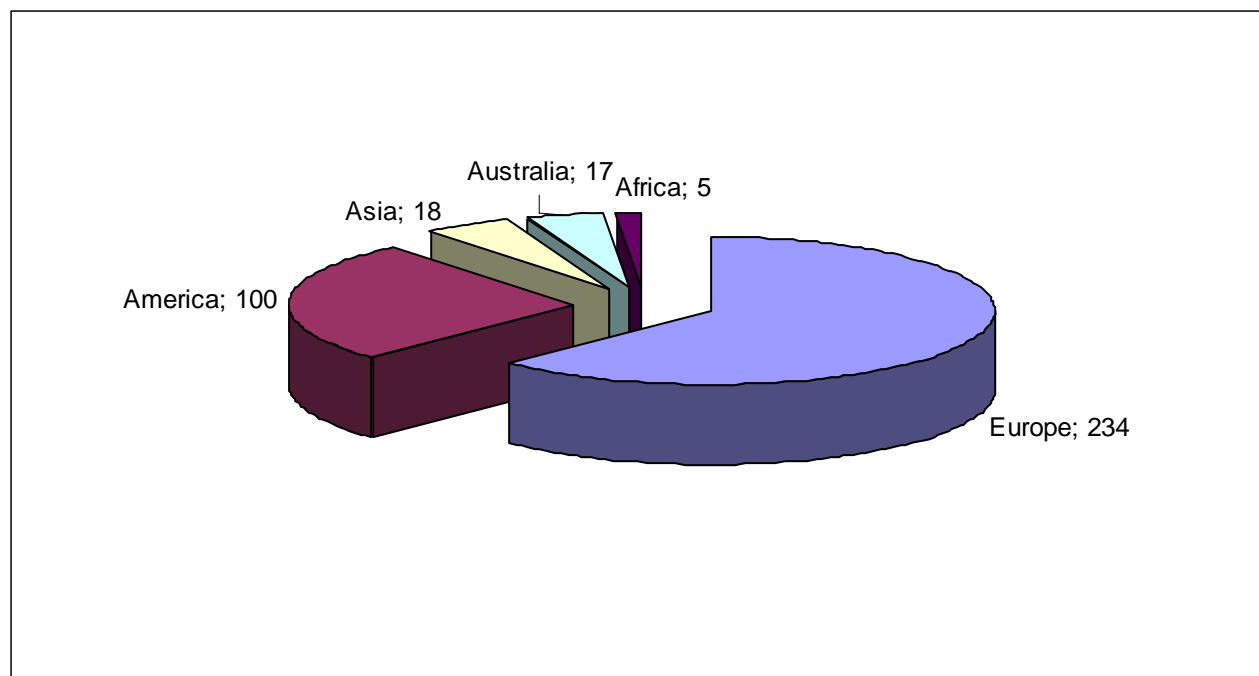




---

**Results from an online survey  
to assess the importance of  
research themes ...**

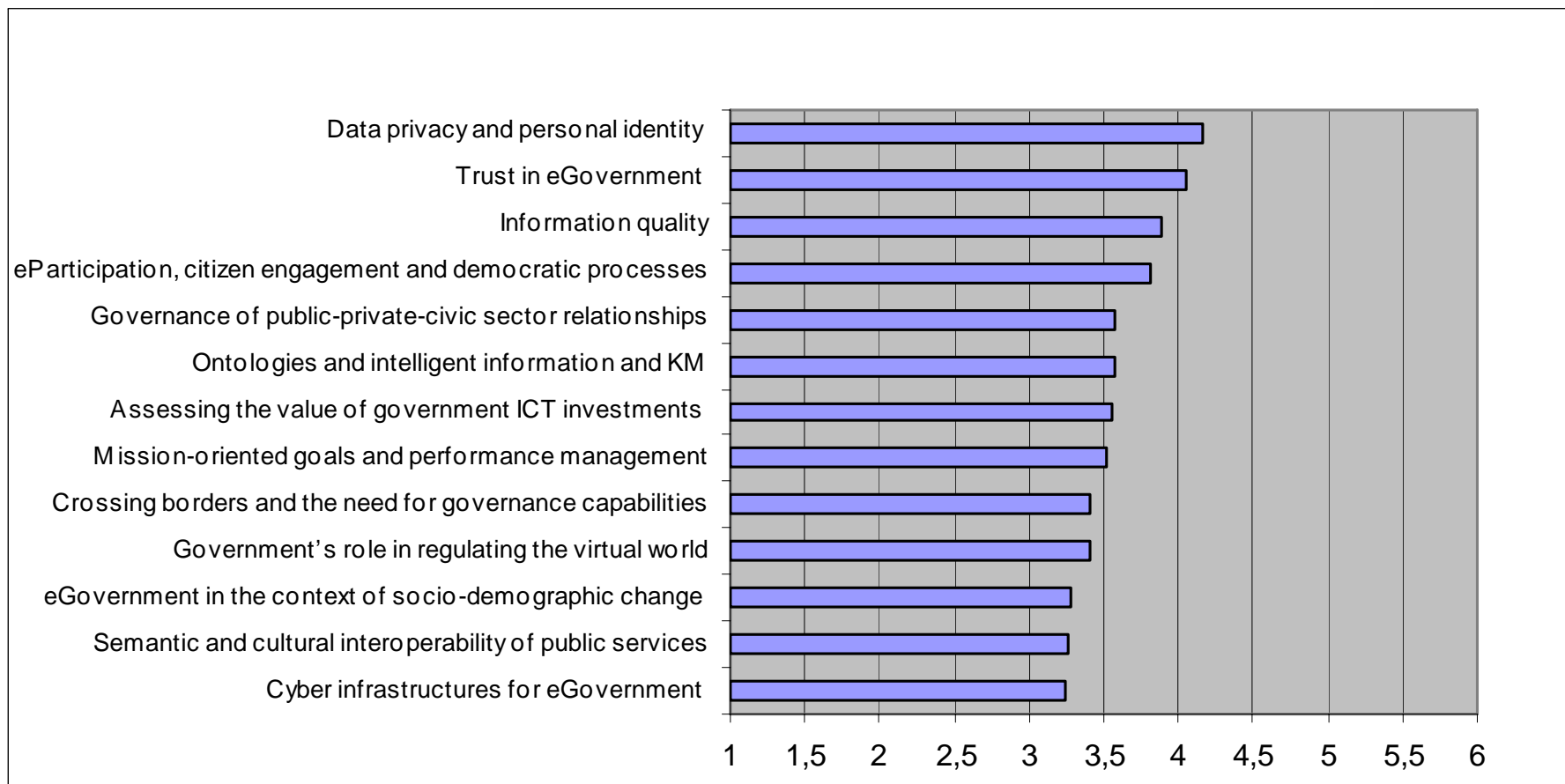
# Statistics ... participants per continent ... (N=380)

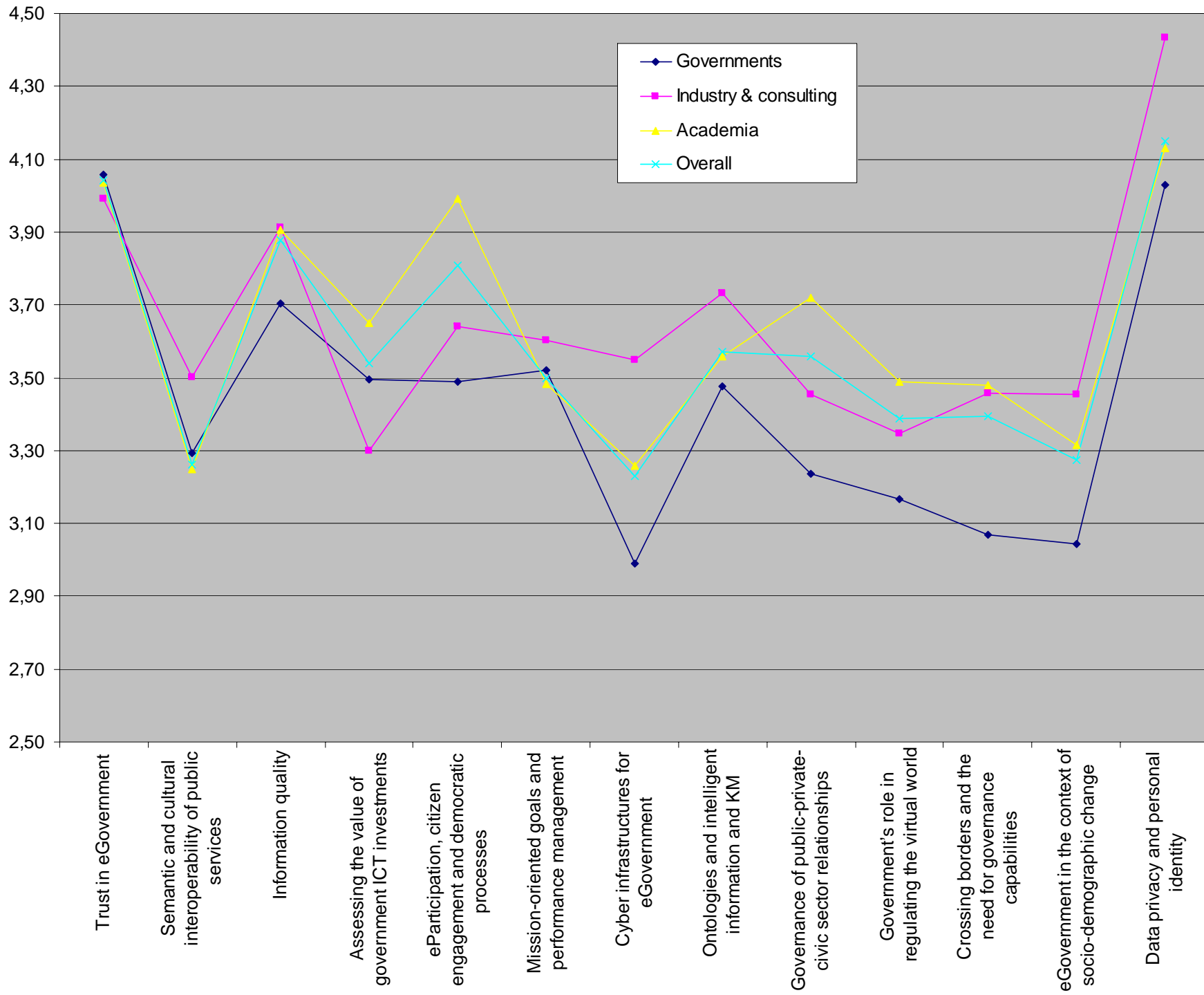


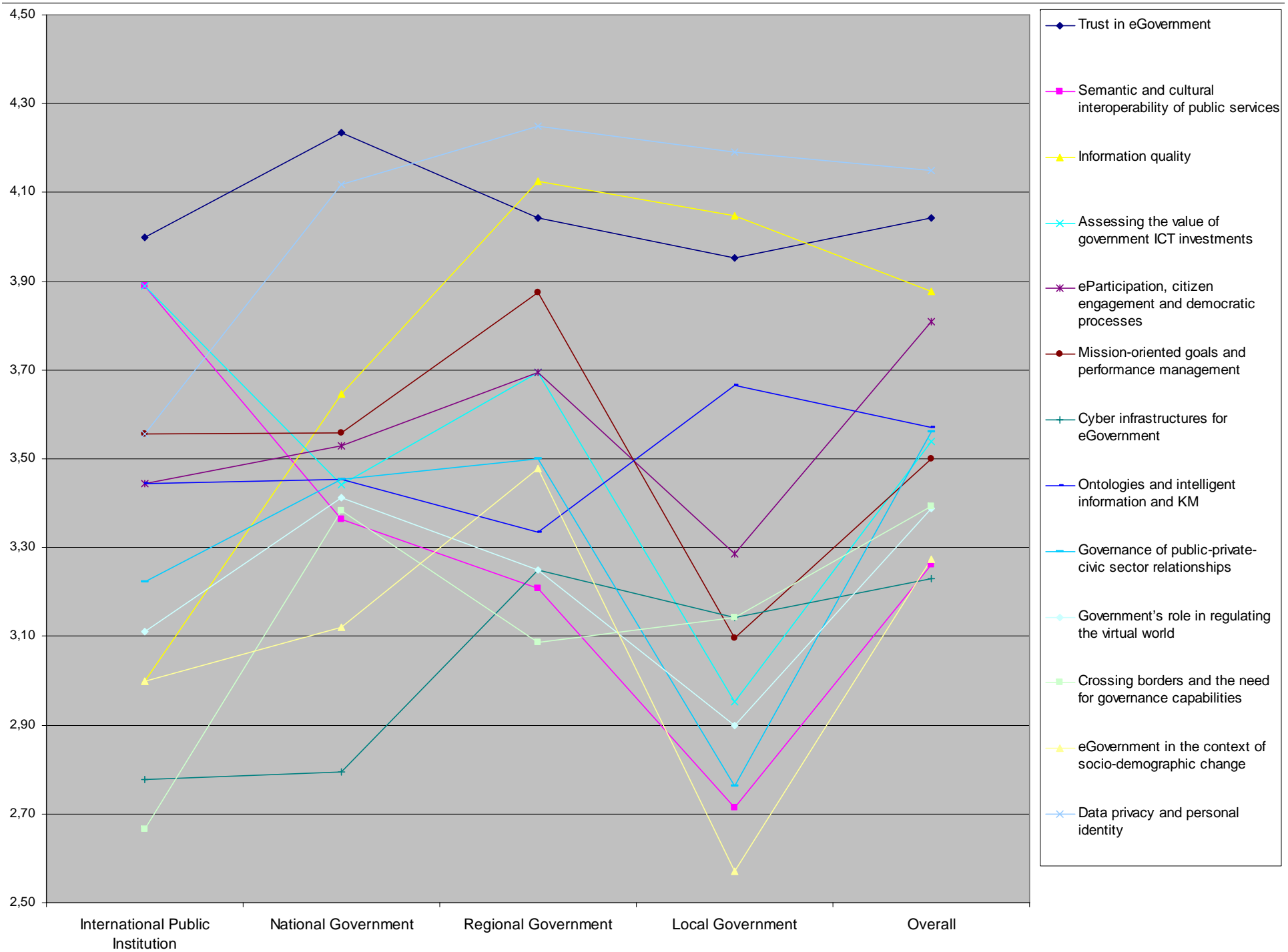
# Online survey: overall rating



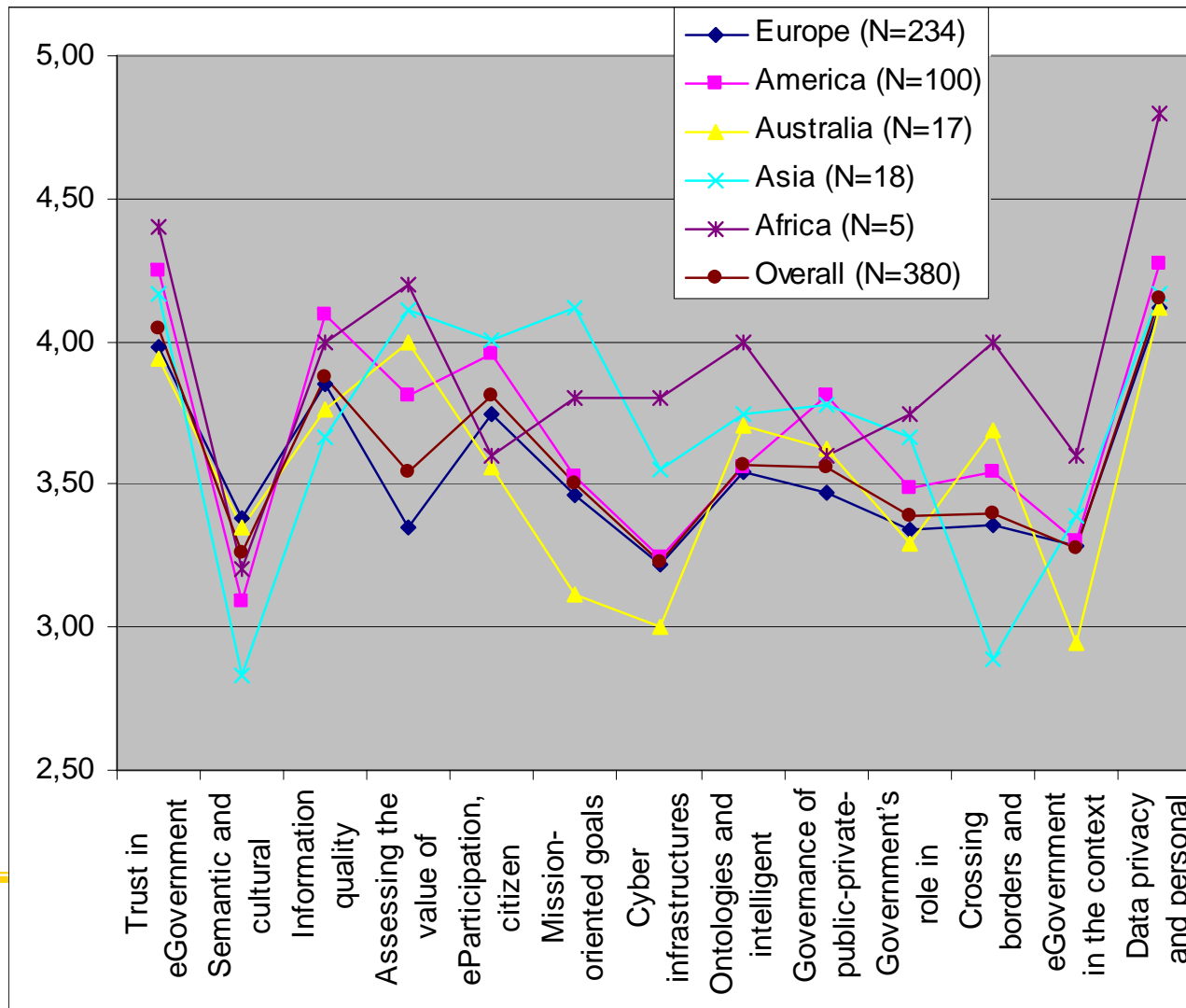
Contract no: IST-4-27139







# Theme assessments per continent





---

**Concluding remarks ...**

## Need for international research ...



- Joint studies
- Collaboration in joint developments
- Need for joint PhD students programmes
- Need for a pool of expertise and think-tank





---

Further details and the deliverables  
from the project are available at:

**<http://www.egovrtd2020.org/>**



---

Thank you for your attention !

egovrtd2020@uni-koblenz.de  
wimmer@uni-koblenz.de

<http://www.egovrtd2020.org/>