

Title: e-Government in Macao - e-Macao Experience and Beyond

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Abstract: e-Macao is a recently completed project to build a foundation for e-Government in Macao through readiness assessment, software research and development, and capacity-building for government workforce. The project focused its tasks in five main activity areas:

- 1) *survey* - a detailed survey of the current state of e-Government practice was carried out, both locally (90% of government agencies) and globally;
- 2) *training* - a comprehensive training programme was organized for government workforce in technical and management skills for e-Government, promoting collaborative, cross-agency development among government trainees;
- 3) *development* - a prototype software infrastructure for e-Government was developed, with example Electronic Public Services for citizens (e-Welfare), businesses (e-Licensing) and government (e-Messaging) deployed on this infrastructure,
- 4) *research* - relevant research was carried out, both foundational and applied research responding to the needs raised by different project activities, and
- 5) *dissemination* - the findings were disseminated throughout the project, both inside the project, locally among the various e-Government stakeholders and internationally.

Besides concrete deliverables produced, including a series of 28 in-depth technical reports, the project has already made an impact in the following areas: establishment of a record of Government's e-readiness, raising human capacity particularly among the government IT workforce, establishment of an e-government learning environment, government-wide adoption of open technologies and standards, and cross-agency cooperation on e-government.

e-Macao was funded by Macao Foundation, executed by the Government of Macao SAR, UNU-IIST, University of Macau and INESC-Macau, and coordinated by UNU-IIST. More information can be found from the project website at www.emacao.gov.mo.

The talk will introduce the e-Macao project, and its relationship with other e-government activities in UNU-IIST, particularly the UNeGov.net Initiative - Building a Community of Practice for Electronic Government at www.unegov.net.

Bio: Tomasz Janowski is a Research Fellow at UNU-IIST, Macao. He holds a PhD in Computer Science from the University of Warwick, England, and an MSc in Mathematics from the University of Gdańsk, Poland. Tomasz Janowski is the author or co-author of over 40 publications in Computer Science, Software Engineering and applications in international conferences, journals and books. He has given over one hundred academic presentations, has been the program committee member at over 20 international conferences and is the member of the IFIP Working Group 5.5 - Cooperation Infrastructure for Virtual Enterprises and Electronics Business. Tomasz Janowski has the first-hand knowledge of the public sector - he is the manager and technical leader of the Macao e-Government Project, a foundational project for the development of Electronic Government in Macao. He has 10 years of experience working as UN international civil servant on various projects with developing countries. Recently, he initiated the UNU-IIST's UNeGov.net initiative - Building a Community of Practice for Electronic Governance. His current research interests include development of Electronic Governance, foundations of XML technology and rigorous development of enterprise software, particularly software for the public sector.