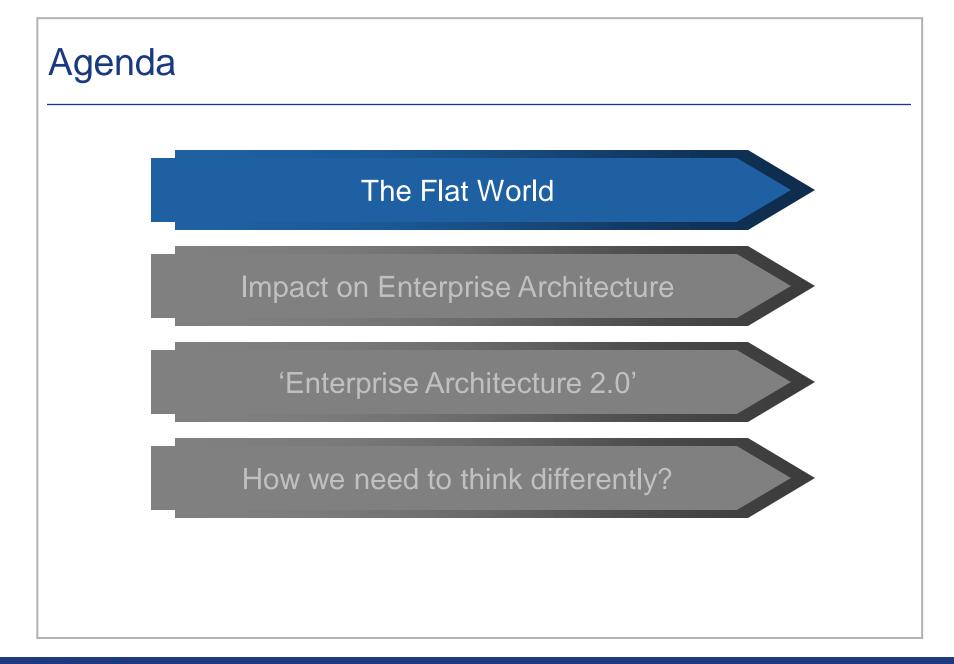


Win in the flat world

The Flat World: Implications on Enterprise Architecture

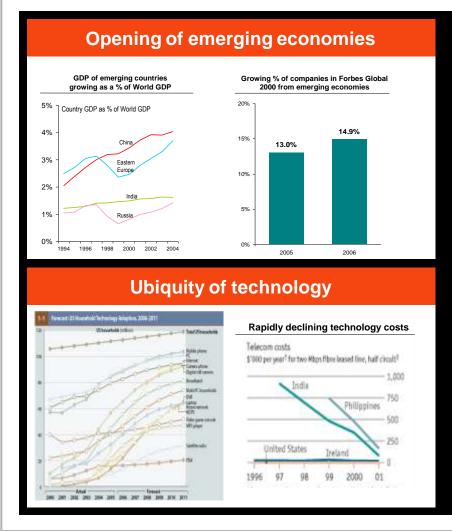
S. Gopalakrishnan President, COO & Member of The Board Infosys Technologies

26 February 2006 The Open Group Architecture Practitioners Conference, Mumbai, India

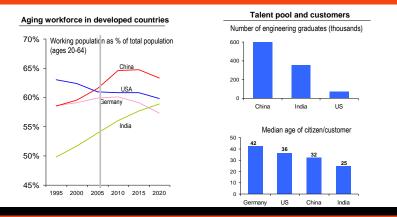




The business world is being flattened by the confluence of 4 disruptive forces



Structural shifts in global demographics



Accountability and regulation

- Increasing demand for privacy (e.g. 12 regulations in USA alone!)
- Legal requirements for financials reporting and accountability (e.g. SOX)
- Real-time reporting (e.g. SOX, US Patriot Act, US Bio-Terrorism Act)
- Cross-geography standardization (E.g. acceptance of US GAAP in India, EU ROHS/WEEE ("greener manufacturing") applicability across geographies)

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How does the flattening "world" look like?

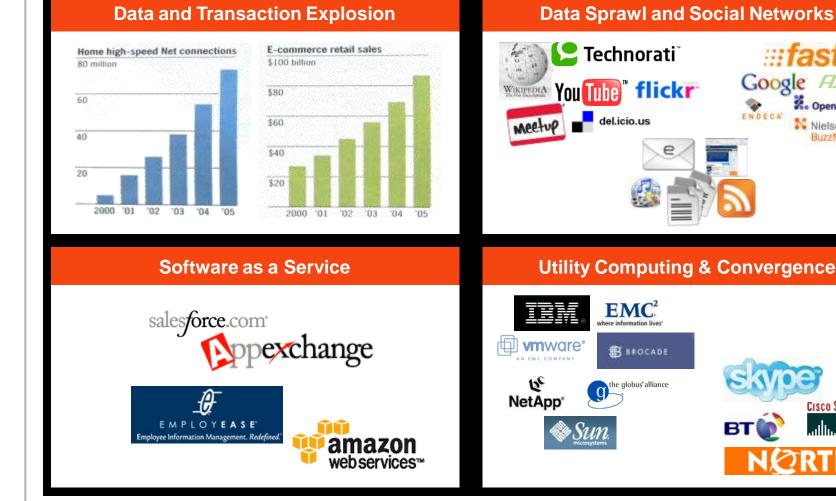
Business environment:

Increasing expectation of "corporate citizenship" through regulation

Rising Customer Expectations	Intensifying Competition
 Hyper-informed customers Higher customer expectations for customization and control New customer segments in existing markets and emerging economies Accountability and transparency expectations 	 Competition arising from different geographies and different industries (e.g. virtual network operators in telecom can be retail stores or airlines) Changing basis of competition (e.g. from relationship to service innovation)
Changing Cost Structure	Sophisticated Operational Capabilities

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In addition to these macro shifts, we are experience the following technological trends...



Infos

ullum BT

CISCO SYSTEMS

...fast

Google AJAX

ENDECA

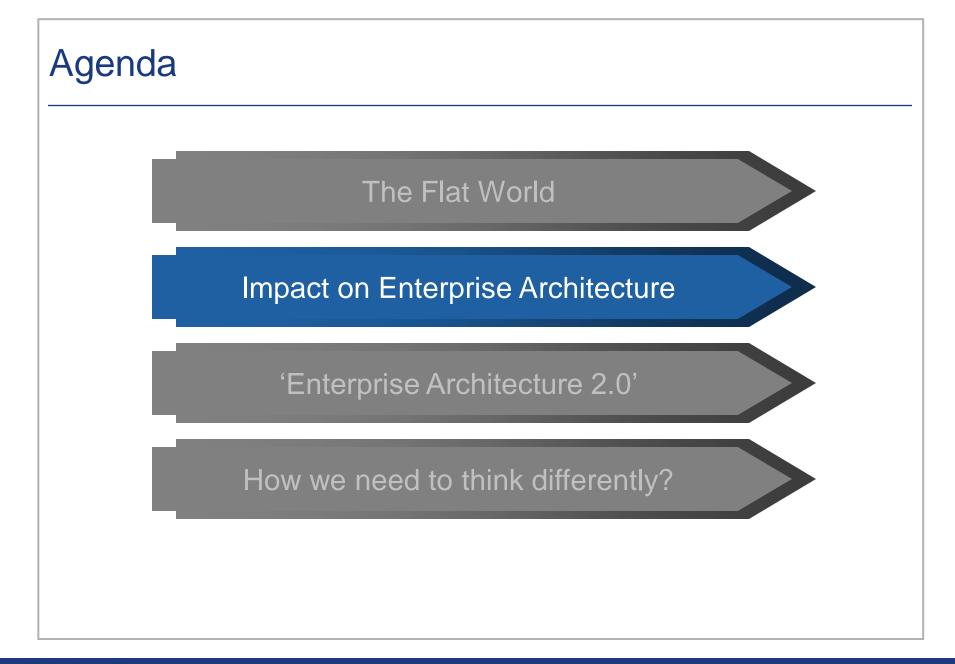
2. OpenLaszlo

Nielsen

luzzMetrics



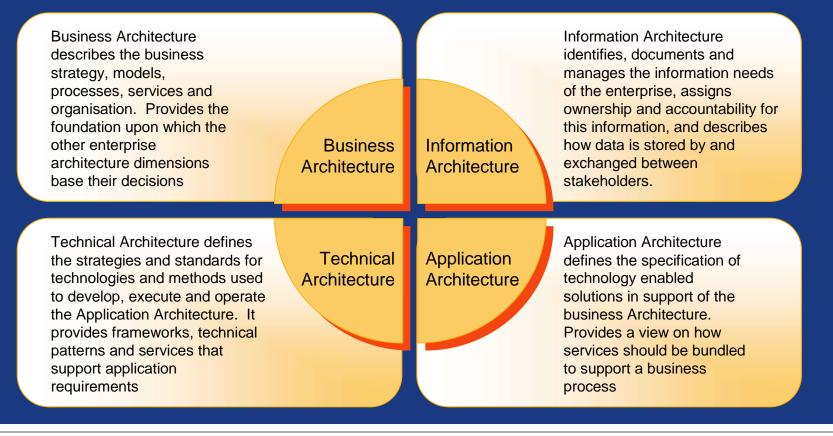






Our traditional view of Enterprise Architecture

Enterprise Architecture is the holistic view of an enterprise's process, information and information technology assets as a vehicle for aligning business and IT in a structured and therefore more efficient and sustainable manner.



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The Flat World technology trends will have a major impact on Enterprise Architecture

External

- Handling of user generated content and data across multiple channels
- Profiling user actions and reactions
- Tracking usage and determining trends and patterns
- New technical skills for enhanced technology platforms

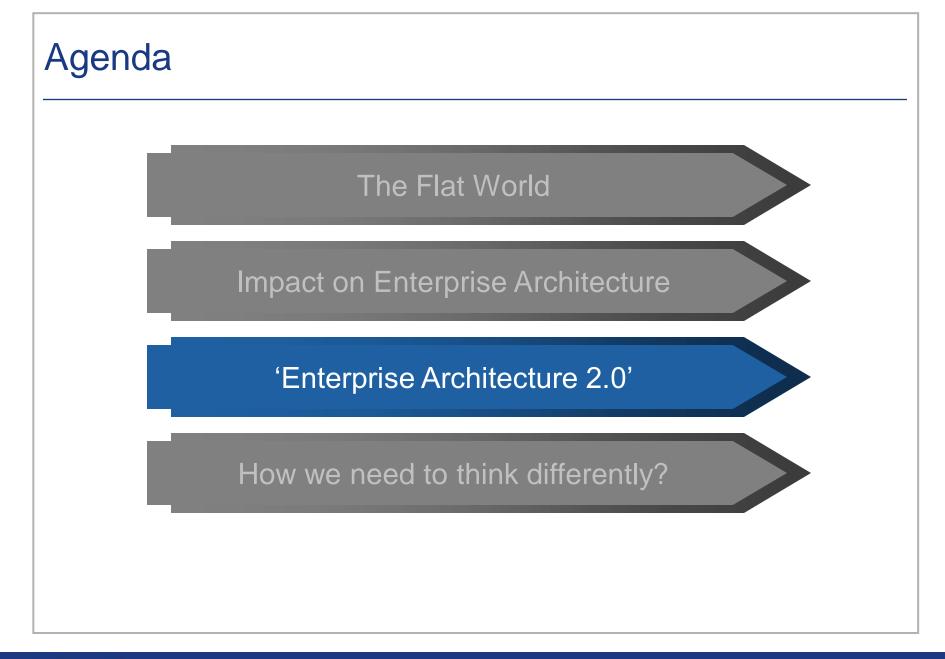


- Leveraging knowledge sharing and communication platforms internally
- Understanding and embracing new technologies and technology creation mechanisms (e.g. Web 2.0 and Open Source)
- Setting up principle, standards policies and guidelines accordingly

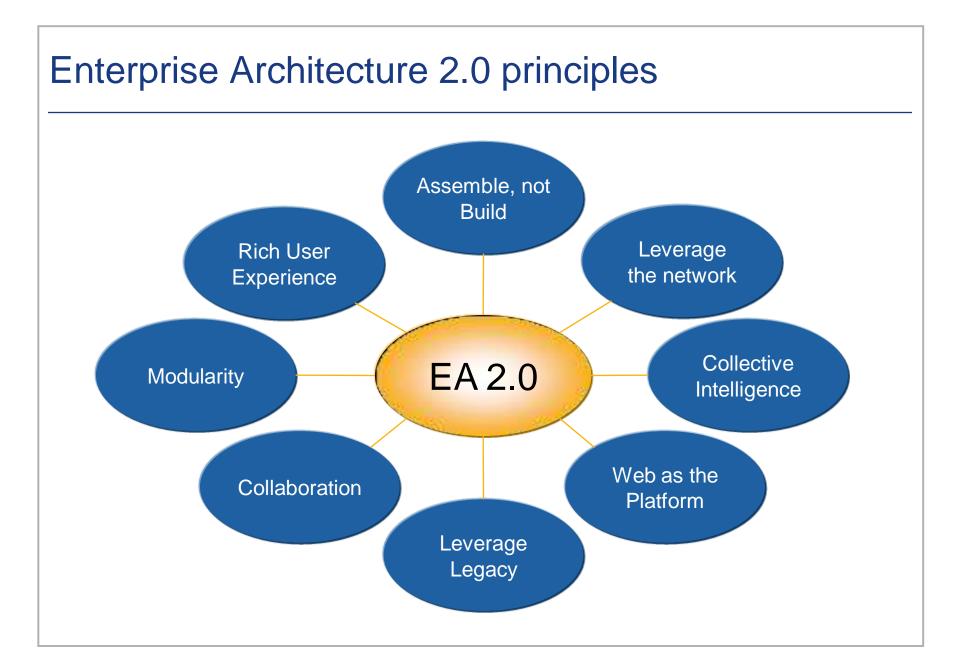


Just as business need to shift to a new operating model, the Enterprise Architecture must evolve accordingly... **SHIFT FROM** SHIFT TO Enable business processes Enable business networks Constrained innovation Continuous innovation through co-creation through standards Web as an eCommerce Web as a computing platform platform Component based Service based process application development orchestration Reactive Quality of Service Trusted Product Quality Model Management



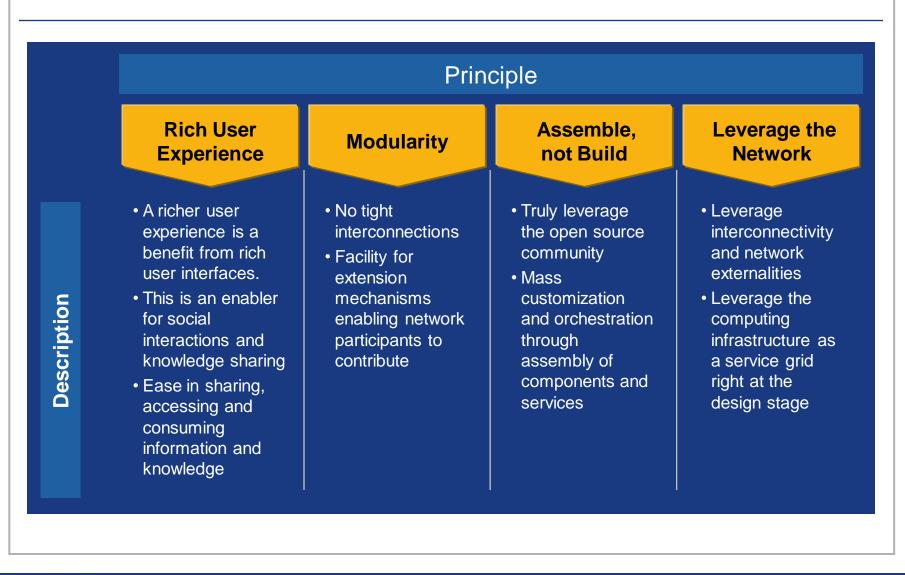




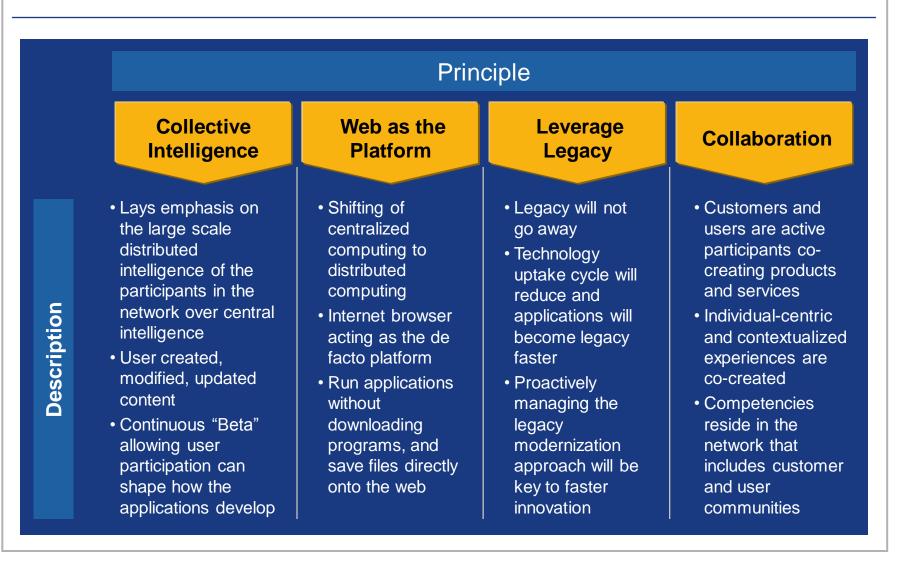




EA 2.0 Principles elaborated...



EA 2.0 Principles elaborated (cont'd)



14

Why invest in Enterprise Architecture 2.0?

Positives

- User/customer generated information could provide key insights which will aid decision making
- Insights into new products/services
- Influence customer/ user decision making
- Broadband has become mainstream and ubiquitous
- Social computing becoming popular
- Increasing role of communities
- Network effects for real
- Browsers are supporting rich user interface technologies

Negatives

- Enterprise Architecture 2.0 is no clearcut upgrade: it doesn't come on a CD, and you can't download it
- Vague definitions and diffused understanding of emerging technologies will generate FUD

A few caveats...

New technologies such as Web 2.0 are still a lot of hype

Standards and technologies are still immature Tooling for new technologies is still evolving and need further improvements

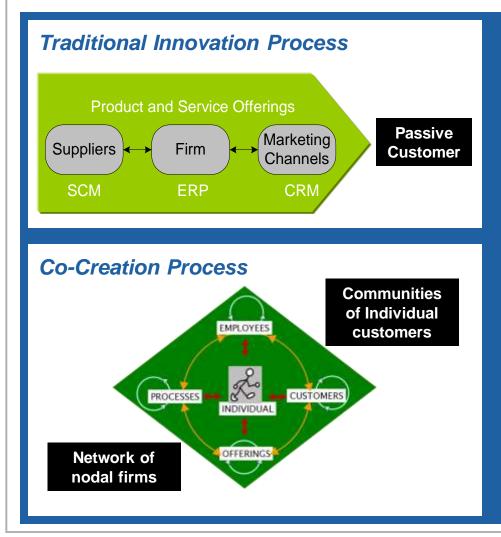
Security and maintainability concerns Fair use vs. infringement – Enterprise 'mash-ups'





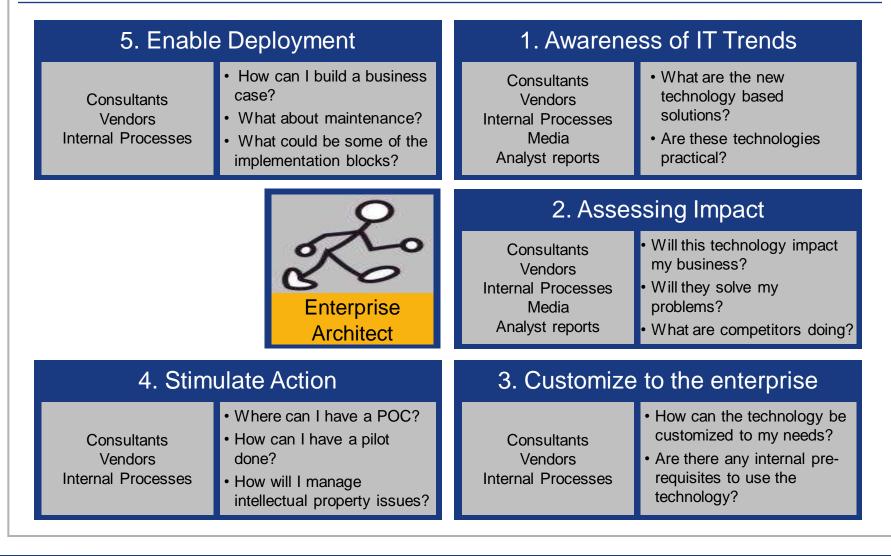


Enterprise Architecture Co-Creation...a new paradigm



- New paradigm aims to proactively create competencies around active and networked cocreators
- The co-creation process aims to create unique experience environments using the DART principles:
 - Dialog
 - Access
 - Risk Management
 - Transparency
- Technology is then employed to enable linkages within and across experience environments
- Management processes are identified to sustain and govern quality of co-creation experiences

The Enterprise Architect must experience, engage and enable deployment of Technological Innovations successfully



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Some parting thoughts...

As we move towards Enterprise Architecture 2.0, we need to separate the hype from true business value enabling capabilities

We must re-assess how we will develop these architectures, from the perspective of roles, processes and tools

We must also re-assess how we will operate these architectures, to ensure that business critical capabilities are not impacted and service levels are not only maintained but exceeded

As Enterprise Architects, you must forge ahead and provide the strategic insight and pragmatic guidance to your enterprise and its value network





Win in the flat world

Thank You

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