Review of Technology & Economic Development

The Newsletter of Technopolis Times
http://www.generalinformatics.com/technopolistimes.html
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Technology jobs drive economic growth, and these jobs locate in metropolitan regions – not nations, states, or provinces. Sometimes these growth metros cross state and national borders. Only RTED gives you current, need-to-know news and resources for economic development with a specific and exclusive focus on:
- *Technology-driven industries in*
- *Metro regions and citistates.*

MESSAGE TO *RTED* READERS

Palgrave-Macmillan will publish **The Technopolis Columns: Social Culture and High Tech Economic Development,** the latest book by the editor of this newsletter, in April. *The Technopolis Columns* will be priced at about £55 (US$85 at Amazon.com), but there will be a special price for orders placed at economic development conferences. Drop me an email if you wish to be informed about these conferences, or if you're hosting one!

Order the book directly from the publisher, at https://www.palgrave.com/products/Catalogue.aspx?is=1403999511 , or at Amazon.com, http://www.amazon.com/gp/product/1403999511/ref=sr_11_1/102-6371579-3320129?%5Fencoding=UTF8 .

Due to all the work involved in finalizing the book, this is the first issue of *Review of Technology & Economic Development* since Summer 2005. Thanks for your patience! Keep the feedback coming; address it to tt@generalinformatics.com.

Your editor has been invited to write the entry on *Economic Development Alliances* for the **Encyclopedia of Virtual & Networked Organizations**. More details about this publication in future editions of *RTED*. Meanwhile, you can **help** by sending me examples of such alliances. I'll acknowledge you as a contributor to the encyclopedia article. Looking for examples of ED alliances that cross sectoral, social, geographic, and industry boundaries.

The **Technopolis Times** web site has enjoyed a face lift. Check the new, convenient layout at http://www.generalinformatics.com/technopolistimes.html.

REPORTS

AsiaTechnology Information Program has now published report ATIP05.009: **Overview of Korea's Next Generation Growth Engine.** http://www.atip.org

Portland's **Impresa** economic consulting group, often quoted in these pages, has issued an anniversary annual report,
http://www.impresaconsulting.com/2006_annual_report.htm .

CONFERENCES & MEETINGS

The Program of the **Western Regional Science Association**'s February 22-25, 2006, 45th Annual Meeting, held at La Fonda, in Santa Fe, New Mexico, USA, is posted at http://www.u.arizona.edu/~plane/wrsa.html .

Abstracts presented at the "Sustaining Entrepreneurship" conference at **IESE Business School** in Barcelona, September 2005, may be found at http://www.iese.edu/en/events/OtrosEventos/EISB/Home/Home.asp .

"Digital Regions: Public-Private Strategies for IT-Cluster Development in the Global Knowledge Economy": Austin, Texas, May 2006, sponsored by the **Technopolicy Institute** and the **IC^2 Institute.**
http://www.technopolicy.net/conferences.php?conference=austin

The Industrial Assets Management Council notes these conferences:

9th Annual **Milken Institute** Global Conference
April 24-26, 2006
Beverly Hilton Hotel
Los Angeles, California
http://www.milkeninstitute.org

IEDC 2006 Economic Development Summit
March 20 - 22, 2006
Washington, D.C.
http://www.iedconline.org/EDSummit/

More conferences are listed at http://www.innovation-enterprise.com/conferences/. Free listings are offered at this site by the journal *Innovation: Management, Policy & Practice,* for conferences within the aims and scope of the journal.

OUTSOURCING WATCH

Intel Corp. plans a chip plant near Ho Chi Minh City in **Vietnam**, says Associated Press.
http://www.eet.com/news/design/showArticle.jhtml?sssdmh=dm4.162541&articleID=17
5801373

ARTICLES OF NOTE

Fred Phillips and Bertha Vallejo, "The Godfathers: Characteristics and Roles of Central
Individuals in the Transformation of Techno-Regions." Maastricht School of
Management Working Paper, 2006. Request copies via fp@generalinformatics.com.

Gideon D. Markman, Phillip H. Phan, David B. Balkin, and Peter T. Gianiodis,
"Entrepreneurship and university-based technology transfer," *Journal of Business
Venturing,*
http://www.ProcessRequest.com/apps/redir.asp?link=XcbahijgDD,ZdchgjchcjEH%26oid
=UedcgBF%26iclitemid=YcdghbchaCI%26tid=WhjjcegDH

Special Issue on Science Parks and Incubators, *Journal of Business Venturing*, Volume
20, Issue 2 (March 2005)
http://www.ProcessRequest.com/apps/redir.asp?link=XcbahjaaBJ,ZdchgjchcjEH%26oid
=UedcgBF%26iclitemid=YcdghbchaCI%26tid=WhjjcegDH

Dr. Georges Haour, "Israel, a Powerhouse for Networked Entrepreneurship." IMD-
International Institute for Management Development, Switzerland.
http://www.techtour.com/israeli04/pressroom/Innovation%20ISRAEL%20by%20Haour.
pdf

TOP OF THE NEWS
Austin
The **City of Austin** may offer $3.2 million in tax incentives to **Hewlett-Packard Corp**.,
for an expected 140 jobs. Under the plan, H-P will spend $300 million in Austin to create
jobs paying an average of $60,000/year. The city will rebate 40 percent of property taxes
for the site and fixtures. Austin anticipates $11.6 million in additional benefits, including
$6.3 million in energy billing; $537,026 in sales taxes paid by new employees; and $4.8
million in property taxes.
http://www.statesman.com/business/content/business/stories/technology/02/27hp.html

Portland and the Northwest
The **Oregon Business Plan** meeting brought over 1000 members of Oregon businesses
and government together to talk about clusters and education. Part of the event included a
breakout session on Software and Education. Jim Snyder was on the panel talking about
the **Northwest Education Cluster**. More information can be found at
www.oregonclusters.org/software.html. The Northwest Education Cluster's site is

www.portlandedcluster.com .

[*Ed. note:* The magazine of the **Software Association of Oregon** has been interviewing me as one of the 'godfathers' of the growing Northwest Education Cluster. I'll let you know when the article is in print.]

Worldwide
Shockley Labs marks 50th anniversary. Mark LaPedus writes in *EE Times* that civic and industry leaders gathered on February 26 to commemorate the 50th anniversary of Shockley Semiconductor Laboratory — sometimes considered the birthplace of Silicon Valley. http://www.eet.com/news/design/showArticle.jhtml?articleID=181400553

SiteNet/IAMC Dispatch (July 7, 2005) writes, "A **North Carolina** Supreme Court Justice who dissented from a 1996 judgment in favor of industrial investment incentives puts his dissent into lawsuit form, on behalf of seven taxpaying plaintiffs, against **Dell** and multiple state entities." http://www.conway.com/ssinsider/incentive

DuPont to focus on biologically based raw materials. "The company has allocated nearly 10 percent of its $1.3 billion research budget to extracting ingredients from carbohydrates, which grow and can be infinitely replaced, rather than from hydrocarbons, which are mined or drilled and can be depleted." CEO Charles Holliday Jr. expects 25 percent of DuPont products to come from nonpetrochemical substances by 2010 (up from 10 percent today), yielding $3 billion in revenue.
http://www.iht.com/articles/2006/02/28/business/dupont.php

Sharp accelerates LCD fab expansion. Yoshiko Hara writes in *EE Times* (02/27/2006) that in March, Sharp will invest ¥15 billion (about $130 million) to ramp monthly LCD capacity at its Kameyama No.1 fab to 60,000 substrates. Sharp's market share in LDC TVs has dropped due to capacity constraints. Market researcher **DisplaySearch** said in its recent LCD TV survey that Sharp fell from #1 to #3 on a unit basis and from #1 to #2 as measured by revenue.
http://www.eet.com/news/latest/showArticle.jhtml?articleID=181400398

Russian governor targets U.S. investors. Nicolas Mokhoff writes in *EE Times* (03/01/2006) that Valentina Matvienko, governor of **St. Petersburg**, traveled in February to meet with 15 potential US investors in the St. Petersburg region. They included Morgan Stanley, AIG and Citigroup. Matvienko said regional governments are best suited to work with U.S. investors. Matvienko next visits **San Francisco** to meet with large high-tech firms. "Twenty percent of the technical potential in Russia is in St. Petersburg," claimed Matvienko.
http://www.eet.com/news/latest/showArticle.jhtml?articleID=181401636

In 2004, VC investment in **Israel** exceeded one billion €, a level equal to 1/4 the total VC investment in Europe (€4.5 b).
http://www.israelnewsagency.com%2Fisraelhitechconf120412.html

JOBS

JOB OPPORTUNITY IN DENVER, Colorado: Regional Economic Specialist

The **Denver Regional Council of Governments** (DRCOG) has an immediate opening for a skilled and motivated individual to serve as our Regional Economic Specialist.

The successful candidate will be a key part of a dynamic team conducting research on current and future socioeconomic trends across the Denver metropolitan area. The position offers considerable opportunity for professional growth and development.

A full description of the position and the application process can be found on DRCOG's website: http://www.drcog.org/jobopenings/jobopenings.cfm
Applications close 5pm Mountain time, Friday March 17.

NEWSLETTERS

Invitation to submit editorial for free on newly launched **South African biotechnology** portal, www.lifesparks.co.za . The LIFEsparks bioportal is sponsored by the Innovation Fund, part of the National Research Foundation (South African National Department of Science & Technology) and the Industrial Development Corporation of South Africa Ltd. The site will provide news about and services to local life sciences, pharmaceutical, neutraceutical and medical devices companies.

To subscribe to the free BioFutures newsletter, contact Suza Adam <info@lifesparks.co.za>. Ms. Adam looks forward also to receiving your editorial submissions, which based on newsworthiness, will be published free on the site. Contact via email on info@lifesparks.co.za or telephonically on (011) 880-0364.

OTHER WEB LINKS

Gate2Growth offers a **business plan self-assessment** test, online at http://www.gate2growth.com .

Gate2Growth is a pan European initiative supported by the European Commission's Directorate-General for Enterprise and Industry. It combines networks and services that aspire to be a gateway to business and innovation in Europe.... Gate2Growth's Regional network of Operators can be found at http://www.gate2growth.com/g2g/g2g_local_contact_points.asp .

AWARDS

The **Alliance for Regional Stewardship** is now accepting applications for the 2006 Regional Stewardship Awards. These awards recognize regions that have made

measurable progress towards implementing the Principles of Regional Stewardship and demonstrated effective and sustained cross-jurisdictional and multi-sector collaboration. A total of $50,000 has been allocated for the Awards. The deadline to submit applications is February 1, 2006. Visit regionalstewardship.org to download the 2006 Regional Stewardship Awards application packet. Or email amy@regionalstewardship.org.

TECHNOPOLIS INITIATIVES newly added to the Technopolis Times database

See http://www.generalinformatics.com/technopolistimes.html#Regions
   Argentina's COPAT cluster
   Isfahan Scientific-Research Complex and Pardis Technology Park, **Iran**
   Negri Sembilan Technology Corridor (Technopolis Raya), **Indonesia**
   Kordin business incubation center, **Malta** http://www.kbic.com.mt
   Denver BioScience Center at Stapleton
   Puerto Rico Biotechnology Alliance

In this issue of RTED, we highlight two initiatives, one new and one old:

   Regional clustering in **Suriname, Trinidad & Tobago, Dominica, St. Lucia and Grenada**. This networking is funded by the EU- European Business Assistance Scheme 2005. It encompasses textile, furniture, ICT, fish processing, and other industries. This is hardly clustering in the technical sense, because inter-island travel takes a lot of time, but it is worthwhile networking nonetheless. Suriname Trade & Industry Association Newsbulletin, Jan-Mar 2005, www.vsbstia.org

   Update on **Sophia Antipolis** (September 12, 2005). Sophia, one of the original technopoleis, now has 1,300 companies in IT or high tech. The technopolis consists of four towns. The lack of a single general center of activity continues to be viewed as a drawback. No one goes to Sophia to start a company, according to *RTED*'s informant Martin Seppälä, but lots of spin-offs from companies already there, continue to increase the population of firms. However, there is only one VC firm resident in Sophia, so entrepreneurs must go to Paris for investment, and some end up relocating.

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Technopolis Times' Creed
* Innovation creates sustainable wealth in metropolitan regions where there is easy interaction among the education, government, business, financial, transportation, telecomm, press, arts & entertainment, nonprofit/NGO, and tourism sectors.
* Wealth is enhanced when these metro regions network with each other, especially across national borders.
* The keys to success are entrepreneurship; critical-mass clusters in strategic industries;

social capital; and civic activism.
Technopolis Times is here to help aspiring regions succeed.

Technopolis Times' Mascot
Ted the bear, whose name stands for "Technology and Economic Development." See Ted's picture at http://www.generalinformatics.com/technopolistimes.html.

Ted's lawyer wants to remind you that Technopolis Times' *Review of Technology & Economic Development* is a compilation of 3rd-party reports. Technopolis Times and General Informatics LLC are not responsible for their accuracy.

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        __ I would pay to receive it more often.
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__ Add more content on _____.
__ I'm not interested in content on _____.
__ I love it! Send a free subscription to my colleague at (email) _____.

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__ Call/Travel Info __ Event Planning __ Conference Listings __ Ted the Bear

Other comments?

_____.

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