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Global Forum welcomes new era of open innovation Innovation in information and communication technologies drives global economic development

By Jay Gillette, Network World November 04, 2013 08:37 AM ET

Network World - Trieste, Italy -- The historic industrial port city of Trieste hosted the 22nd Global Forum conference last week, where the focus was on innovation in information and communication technologies as catalysts for economic and community development. Invitation-only delegates this year came from 36 countries and international organizations such as the European Commission and the U.S. government, augmented by delegates from corporations and global government agencies.

Prosperous and picturesque, Trieste has long been a center of science and culture, frequented by writers such as Mark Twain and Rainer Maria Rilke. The 19th century explorer Richard Burton wrote The Arabian Nights here and it's also the place where James Joyce produced his novels Ulysses and Dubliners. Global Forum often forecasts world trends in the information and communication industries and Trieste was chosen to highlight the transforming strategies of the information economy.

The Chair of Global Forum's 2013 Innovation panel, Bror Salmelin, of the European Union's Directorate General CONNECT organization, outlined the differences between the old days of corporate-government research being the dominant model, to a new era of user-centric innovation, open innovation, systemic innovation and experimental mash-ups.

"Sustainable innovation is full of disruptions," he said. "Science-based linear innovation is not mainstream anymore. Success probability and success speed are critical."

During a question-and-answer session, Finland native Salmelin was asked about the future of the once-leading mobile device company Nokia. He noted that before it got into telephony, Nokia was a manufacturer of rubber boots and paper products. The company will have to innovate once again to meet the challenges of the new era it's entered, he said. He is confident that Nokia will rise to the challenges, but it will be a different Nokia than it is today.

Enrico Fiore, CEO of Truyoins Ventures (a neologism based on the slogan "Trust Your Instincts" he said), said the essence of innovating in the global environment is to follow the slogan (originated by an Italian fashion company) "No Fear."

Innovation requires the ability to be fault-tolerant, to see yourself making mistakes and learning fast from them; improve and move on. Fiore said this is why corporate managers



often are unable to be innovative, because they fear making mistakes. Fiore advised: "Listen. Try. Act. Remember."

A change this new era requires is for governments to stop protecting status-quo businesses, said Gary Shapiro, president and CEO of the Consumer Electronics Association, which sponsors the annual Consumer Electronics Show (CES) in Las Vegas. Shapiro said, "Innovation is a belief system. It's not just Silicon Valley. It's regional. It relies on risk-taking and investment. It benefits from diversity, culture and reward systems. It is enhanced by a higher mission, goals, measurements and passion. It needs leaders/doers."

Professor Yoshio Tanaka of Tokyo University offered some technology design suggestions. He said it is difficult to sell hardware by differentiation. What is required is service design with value-added. For example, two key drivers of satisfaction in the modern era are: to be stress-free by having less responsibility for outcomes, and to belong to a community. Technology can be built to deliver on both these drivers of user satisfaction.

"Open data is the raw material for innovation," said Ann-Marie Fineman of VINNOVA, Sweden's government agency for innovation systems. "Collaboration is key," she said, and recommended Hackathons and Make-athons, which they have sponsored as "coworking spaces."

Regional development

Regional development was emphasized. No longer are separate nation-states driving innovation, but regional partnerships, and innovative city states. One of the most intriguing approaches is "Danubio," a trans-national approach linking the countries and regions of the Danube River drainage, which crosses most of southern Europe.

This is an approach forecast by the American nature writer Gary Snyder. Observing that many political borders are based on abstract surveyor's boundaries like the Mason-Dixon line, or historical precedent based on wars and treaties, Snyder recommends building identity based on the naturally-occurring river basins worldwide. Such identity anchors the population in the natural environment it's in, and in fact begins to reinforce what was most often the historic movement of peoples, trade and information until the industrial era.

Taking such an approach, new configurations emerge. Antoine-Tristan Mocilnikar, a French government ministerial "Delegate to the Mediterranean," says the south and western parts of that region have 290 million people, almost the population of the United States. There is a 100% rate of mobile adoption, along with 100 million people sharing Internet access. The region has 50 million Facebook accounts already.

Global Forum 2013 was led by Dr. Sylviane Toporkoff, president of Global Forum, and a founding partner of sponsor ITEMS International. The next Global Forum will be held in fall 2014, at a European venue to be announced early next year.

Gillette is professor of information and communication sciences at Ball State University, director of its Human Factors Institute, and a senior research fellow and officer at the Digital Policy Institute.

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Vertice dell'Ince su ricerca e innovazione

La promozione della ricerca scientifica e dell'innovazione attraverso la realizzazione di progetti pilota nei Balcani occidentali, nella regione del Danubio e nei paesi del partenariato orientale; le...

30 ottobre 2013



La promozione della ricerca scientifica e dell'innovazione attraverso la realizzazione di progetti pilota nei Balcani occidentali, nella regione del Danubio e nei paesi del partenariato orientale; le opportunità di una strategia in materia di energie rinnovabili, con particolare riguardo ai biocarburanti avanzati; un aggiornamento sugli sviluppi del Consorzio per l'Infrastruttura di Ricerca Distribuita Centroeuropea (C-ERIC): sono questi alcuni dei temi al centro dei lavori della riunione ministeriale su Scienza e Tecnologia, promossa dall'Iniziativa Centro Europea (InCE). Di tutto questo si è discusso ieri alla Stazione Marittima. La riunione ha visto la partecipazione di ministri e alti rappresentanti dei Ministeri competenti dei 18 Paesi membri dell'organizzazione e dei rappresentanti della DG Ricerca della Commissione Europea. La riunione è stata condotta da László Korányi, presidente dell'Agenzia Nazionale per l'Innovazione, che è intervenuto in rappresentanza della presidenza ungherese dell'InCE. Per l'Italia ha partecipato il sottosegretario all'istruzione. all'università e alla ricerca Marco Rossi Doria. Quest'anno la riunione è stata convocata in concomitanza del "Global Forum on Driving the Digital Future", in programma a Trieste il 28 e 29 ottobre, che riunirà esperti e studiosi internazionali per un confronto sullo sviluppo dell'Information and communication technology e le sue applicazioni, facilitando così una interazione con i

rappresentanti ministeriali dei 18 Paesi InCE.

http://ilpiccolo.gelocal.it/cronaca/2013/10/30/news/vertice-dell-ince-su-ricerca-e-innovazione-1.8022822

Il Piccolo 28 ottobre 2013

« In questo momento la città è in grado di offrire comunque degli eventi importanti, come la mostra di Jannis Kounellis al Salone degli Incanti e quella di Jagoda Buic al Revoltella, cui si aggiunge l'appuntamento scientifico del Global Forum. » *di Pierpaolo Pitich*,

http://ilpiccolo.gelocal.it/cronaca/2013/10/28/news/turismo-a-trieste-il-grande-nulla-dopo-la-barcolana-1.8003152

<u>Open Gardens</u> Wireless mobility - Innovation - Digital convergence - mobile web 2.0



Global Forum 2013 – DRIVING THE DIGITAL FUTURE, Opportunities for Citizens and Businesses

October 23, 2013 By ajit



I was looking forward to speaking at this event but I have to be in the USA next year. This <u>22nd edition of the Global Forum</u> is co-organized with the Foundation Stock Weinberg and the Sophia Antipolis Foundation

Operating since 1992, the Global Forum/Shaping the Future is as an independent, high profile, international, non-for-profit think-tank dedicated to Business and Policy issues affecting the successful evolution of the Digital Society. Evolving agenda

Among the topics this year are Incentive for Investment, Cross-Boundaries Services Challenges, Broadband/4G Infrastructures, Evolving Mobile Technologies. These are relevant considering the <u>the Digital single market</u>. Here are some thoughts which balance Open systems, infrastructure investments, innovation and growth.

The goals of the single market are : "In the face of the deep crisis affecting its economy and society, Europe needs to tap into new sources of growth in areas that will reinforce its competitiveness, drive innovation and create new job opportunities."

So, it's a question of balancing investments (public and private) to create a viable ecosystem to create growth

An analogy is sustainable forest management

The stewardship and use of forests and forest lands in a way, and at a rate, that maintains their biodiversity, productivity, regeneration capacity, vitality and their potential to fulfill, now and in the future, relevant ecological, economic and social functions, at local, national, and global levels, and that does not cause damage to other ecosystems.

In simpler terms, the concept can be described as the attainment of balance – balance between society's increasing demands for forest products and benefits, and the preservation of forest health and diversity. This balance is critical to the survival of forests, and to the prosperity of forest-dependent communities.

So, if we take an ecosystem perspective to achieve a balance for infrastructure, investment, innovation and growth - we have to consider that any finite resource - whether forestry, spectrum, capital investment etc would behave the same.

So, considering a Pan European perspective to create investment, growth and jobs for the Telecoms sector – we need to compare markets where investments have worked.



According to <u>the CTIA</u> – Since 2000, wireless providers invested more than \$296 billion, not including the more than \$35 billion in spectrum auction revenues paid to the U.S. government.

So, if spectrum is considered as the limited resource to drive investments, growth and jobs – the question is – how to encourage additional investment (beyond the cost of the spectrum) to create more growth and jobs

Comparing to the American market, we need

a) **More flexibility** to reduce the market fragmentation. This means fluidity in the secondary markets (allowing trading, aggregating etc)

b) **Harmonizing spectrum** by creating a more homogenous footprints across European markets

c) Within guidelines – encourage long term ownership for companies who have proven that they see the buying of spectrum only as a first step. To compare to the CTIA stats – the follow on investment of 296 Billion\$ is more than 8 times the license (35billion \$). This shows commitment beyond the fee (and discourages short term speculators

In other words, any long term investments have some basic fundamental truths – and they apply to forestry and spectrum in the same way

I will probably blog about this event findings after I am back from the USA

http://www.opengardensblog.futuretext.com/archives/2013/10/global-forum-2013-driving-the-digital-future-opportunities-for-citizens-and-businesses.html

Rosato e Cosolini in prima fila per Renzi

Dibattito alla Marittima. Il deputato Pd: «Parla alla gente dei suoi problemi, non è mai accaduto» 19 ottobre 2013

Il Pd fa il punto. La prima notizia buona? Si sa che cosa patrocinare per Trieste e il suo sviluppo: porto, internazionalizzazione, più strade e più ferrovie anche commerciali (benché le Ferrovie siano tuttora "da stanare"), un turismo organizzato in senso industriale «anche se non saremo mai Montecarlo o Nizza». Seconda buona notizia, il Global forum, il Giro d'Italia, e l'incontro Letta-Putin che fanno vetrina di Trieste

http://ilpiccolo.gelocal.it/cronaca/2013/10/19/news/rosato-e-cosolini-in-prima-fila-per-renzi-1.7956821

ACTIVEMEDIA – Global Forum 2013 blog

http://www.globalforumblog.com/