



UPDATE No. 108

For members *first*

February 2014

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NEW on SPICA World Map: Australia, Germany, Iran, Latvia, Poland, Portugal, Saudi Arabia, Serbia

Reports from Abu Dhabi, Bahrain, Bulgaria, Botswana, Costa Rica, France, Germany, Iran, Israel, Lebanon, Liberia, Palestine, Portugal, Saudi Arabia, Tunisia, United Arab Emirates, United Kingdom, and USA

Dear Member and Reader,

Welcome to the first issue of our newsletter in 2014. This time SPICE Update provides kind of a “special” on the MENA region. Business incubation for women and ongoing qualification for incubator managers are just two examples for topics covered by these reports.

This newsletter also provides a first overview on interesting conference during this year. As usual, readers are invited to add their own events or point out at conferences not yet listed, but important.

And you will find information about a new relative of SPICE...

ADT Summer School - a New Training Offer for Business Incubation Professionals

ADT, the German Federal Association of Business and Technology Centers is preparing to offer the first Business Incubation Management Summer School. Based on more than thirty years of business incubation experience with at this time more than 300 incubators in Germany this four-days training is aimed at providing knowledge, experience, and practical insight to incubator managers and staff.

First time in 2014 ADT is planning to offer a Summer School, a four-day training covering the important matters of business incubation management. Topics included are, for example, an overview on “Germany’s

Technology Centers and Parks” including the reasons for the establishing incubators, the general: economic, political, and financial framework the goals of incubation, and the economic **Set-up and Development of Technology Centers and Parks** including types and profiles of incubators, concept development and planning of the infrastructure and services, attracting clients, and initiating networks; **Financing and Management of Technology Centers** including the stakeholder structure, organization and operation models, business planning, facility Management, public vs. private financing, investments and operational costs, indicators *continued on page 3*

“Bridging the Gap”: Training for Entrepreneurs Project kick-started in Birmingham

Representatives of the project consortium kick-started “Bridging the Gap (BTG)” with a meeting in Birmingham, UK, in October 2013 on the premises of Edgbaston Golf Club where the offices of the project leader organization are located. The beauty of the natural surroundings strengthened the team spirit and desire to cooperate.

Bridging the Gap (BTG) is a project funded by the

European Commission’s - Lifelong Learning Program (LLP), Leonardo da Vinci (LdV), Transfer of Innovation. The project’s main aim is to transfer and adapt an innovative methodology of training and developing entrepreneurship, “**The Bridge Model (TBM)**”, from the UK to Spain, Greece, the Netherlands and Bulgaria. Thus, the TBM will be used and tested in new economic, socio-cultural and linguistic contexts. *... Continued on page 4*

Spotlight on MENA

In recent weeks we received so much information from the MENA region that reports added to kind of a “Special” on pages 9 to 11 of this newsletter. Specifically from Abu Dhabi, Bahrain, Lebanon, Palestine, Saudi Arabia, and Tunisia, with information, for example, on Women Incubation, Development of the Entrepreneurial Ecosystem, networks, and training

Coming Up

At the 28th Annual International NBIA Conference in New Orleans (see page 16) the

25th Global Summit of Business Incubation Associations

will be hosted by NBIA. Personal invitations for this Summit will be mailed to leading representatives of (inter-) national business incubation associations.

The Fourth European Gender Summit to be held in Brussels

Under the theme "**From Ideas to Markets: Excellence in mainstreaming gender into research, innovation, and policy**" the Fourth European Gender Summit will be held in Brussels, Belgium, June 30 - July 1, 2014.

The GS4 - Europe will, again, bring together experts from research, industry and policy to jointly establish practical and effective ways of improving quality and impact of research and innovation through the inclusion of gender in science knowledge making and application. The GS4 - Europe will focus on strategies, tools, and processes that promote the concrete integration of the gender dimension into the European Commission's current Horizon 2020, and European Research Area programs. The Summit will focus on the cross-cutting role of gender and how gender has been and should be integrated within some of the major themes of the Hori-

zon 2020 Work Program, such as personalized health, water resources, energy,

environment, transportation. Speakers and participants will examine the latest research evidence and showcase studies and projects, organizations and strategies that have significantly improved research and innovation quality by integrating the gender dimension into research design and process. The GS4 will expand on the body of the research evidence introduced in previous summit events by highlighting recent developments of relevance to the impacts anticipated in the Horizon 2020 program themes.

The **Call for Abstracts** is open until March 30, 2014. Registration is open from March 1:

Web: www.gender-summit.com



ATI: Celebrating the Success of 25 years of Business Incubation in Austin, Texas

End of January 2014, the Austin Technology Incubator (ATI), part of the IC2 Institute at The University of Texas at Austin (UT), hosted an event to celebrate its **25th anniversary** with a graduation ceremony to recognize 25 companies who successfully graduated from the incubator over the past two years and announce the winners of the **Laura J. Kilcrease Civic Entrepreneurship Award** given to business leaders in recognition of their contributions to the Austin community and the new **John S. Butler Distinguished Alumni Award** that recognizes an individual who has taken their UT foundation and gone on to have exemplary impact through entrepreneurship, academia and/or community service

Founded in 1989 by Dr. George Kozmetsky and first led by Laura Kilcrease, ATI has graduated some 150 companies who have had a long track record of success. More than 40 of the Incubator's alumni have exited through M&A or IPO and an additional 55 companies continue to operate today. In the past 10 years alone, ATI alumni have created over 5,500 jobs and have had a nearly \$1 billion impact on the Central

Texas economy.

ATI's most recent graduating class, the Class of 2014, has already raised over \$60 million in outside capital.

The Austin Technology Incubator

(ATI) is the startup incubator of the IC2 Institute of The University of Texas at Austin. ATI works with seed and pre-seed-stage companies, helping prepare these businesses for commercial success, with a particular focus on helping startups compete in the capital markets. The Incubator has operated since 1989 with a dual mission: create jobs and wealth in Central Texas through technology entrepreneurship, and provide distinctive teaching and research opportunities to the UT-Austin community. Over the past 10 years, ATI companies have created more than 5,500 jobs, nearly \$1 billion in economic impact, and over \$20 million in tax revenues in Central Texas.

[Read more](#) including information about the 25 honored graduates, or contact [Laura Beck](#),

SDO Profile: www.spica-directory.net/centers/?id=2585



Call for submissions: Open Innovation, Knowledge City and Creative Economy

The Asia Pacific Journal of Innovation and Entrepreneurship (APJIE) is a peer-reviewed scholarly journal published by the Asian Association of Business Incubation (AABI) and an editor committee which consists of professors and researchers who have specialties in innovation, entrepreneurship, incubation, and related topics. It is available both in print and online versions. APJIE is dedicated to exchanging the academic researches and professional findings in all aspects of business, economic and social sciences.

APJIE announced and invited submissions for the **Special Issue "Open Innovation, Knowledge City and Creative Economy"** in the APJIE Vol. 8-1 (May 2014). The scope of this special issue covers

- theoretical and empirical papers or case studies

relating to the open relationship between technology and market - open innovation, user

innovation, and other innovations connected to knowledge city and creative economy

The title of the special issue "open innovation, knowledge city and creative economy" is the topic of Knowledge Cities World Summit 2015 that will be hosted by the Daegu Gyeongbuk Institute of Science and Technology (DGIST), and the Society for Open Technology & Innovation, and Complexity.

Papers should be sent to apjie@kobia.or.kr

Submission deadline: April 15th, 2014

Contact: Bong-Jin Cho, bjcho@kmu.ac.kr



Business Incubation: Where does it stand, where will it go to?

The **NBIA Summit for Advanced Incubation Professionals**, held in Orlando in February 2014 was attended by almost 50 participants who shared their experiences, discuss the actual situation of “Business Incubation” in an environment that develops and diversifies with high speed, and to look at ongoing or upcoming trends. The Summit provided fertile grounds for learning from each other and getting new insights.

A topic discussed, for example, was the role of incubators in relation to the “new” models of “seed accelerators”, “co working spaces” or other similar initia-



tives. The outcome of this discussion was not only a description of the “status quo” and the “pros and cons” of the different approaches, but also insights into the needs and opportunities for incubators to continue with their ongoing change and adaptation to a fast developing environment and market

Results of the Summit discussion were summarized by Karl R. LaPan, chairman of the NBIA Board, and can be found in the “[Chairman’s Corner](#)” of the NBIA website (for reading log in with your password) Contact: Jasper Welch, email jwelch@nbia.org

ADT Summer School - a New Training Offer for Business Incubation Professionals

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and benchmarks; **Development of Technology Clusters** including the R&D basis and business environment, talent attraction, synergies,



national and international networks, value chains; **Start-up Support and Incubation Centers** including talent and competence basis, pre-incubation, start-up information systems, mentoring, start up and business support services, networking, partnering, and internationalization; **Projects and International Networking of Technology Regions**; including management of national and international projects by Technology Centers: source of revenue, identifying and mapping competencies, initiation of projects, aims and tools of

cooperation; **The Real-Estate System of a Technology Park** including the entrepreneurial life cycle approach, scalability of infrastructure, spin-off zones, incubators, technology centers, real estate developers, customized buildings for companies, competition and. Transparency

Public Relations and Marketing of a Technology Park including PR and regional, national and international marketing services for companies, target groups and tools. The training also includes a **Case Study: Initiating a Technology Center Project** with direct involvement of the training participants.

Further details, time, and conditions will be published in due time. For more details, please visit the ADT [website \(www.adt-online.de/\)](http://www.adt-online.de/) and contact [Andrea Glaser](mailto:Andrea.Glaser@adt-online.de), ADT or [Peer Ambrée](mailto:Peer.Ambrée@wista.de) (WISTA)

University – Industry Innovation - A Network

The University Industry Innovation Network (UIIN) was established in 2012 to “contribute to the improvement of the relationships between university and industry”. Under this general aim UIIN works to create an “environment for its members as well as other professionals to share and exchange knowledge and information in various areas of university-industry interaction”. For this purpose UIIN, for example, publishes the “University-Industry Innovation Magazine”, builds up the “University-Industry Analytics &

Benchmarking Platform” ,and organizes a University-Industry Interaction Conference (see article below).

UIIN publishes the “**University-Industry Innovation Magazine**”, The first issue (summer 2013) includes, for example, Case Study on Student & Academic Entrepreneurship at CEI at Aarhus University (by Flemming K. Fink). The magazine is available for free download (<http://magazine.uiin.org/index/issues>)

Contact: Anna Haasler, office@uiin.org
Website: www.uiin.org

University – Industry Innovation - A Conference

The 2014 University-Industry Interaction Conference on “**Challenges and solutions for fostering entrepreneurial universities and collaborative innovation**” in Barcelona, Spain, to be held April 23 – 25, 2014, is organized by the University Industry Innovation Network (UIIN) and the Catalan Association of Public Universities (ACUP).

More than 300 participants are expected to attend: academics, researchers, practitioners and business representatives on university-industry interaction. During this three-day conference high emphasis is placed on networking opportunities and creative space, as well as skill development workshops (executive education), delivered by EADA Business School.

Sub themes of the conference include

- Business and their Role in University-Industry Interaction
- Student & Academic Entrepreneurship/ Entrepreneurship Education
- Entrepreneurial Universities
- University-Business Cooperation (UBC)
- Knowledge and Technology Transfer
- Case Studies of Collaborative Innovation & Entrepreneurial Universities

Contacts: Arno Meerman, Conference Manager, email conference@university-industry.com

For more details visit the conference website <http://www.university-industry.com>



“Bridging the Gap”: Training for Entrepreneurs Project kick-started in Birmingham

Continued from page 1

The BTG Project will produce a training methodology and materials to enable business incubators, trainers and employment centers, to work with local entrepreneurs so they can engage also with marginalized/disadvantaged learners in order to empower them to develop the qualities, skills, experiences, and attitudes. The objective of “The Bridge Model (TBM)”, is to bolster participants’ enterprises and entrepreneurial competencies and aspirations through, an enabling and empowering training methodology consisting of practical group and 1-on-1 coaching sessions, workshops, access to contemporary information and continuous support from active business experts. The training materials will be produced in a number of languages to cater for socio-culturally specific needs of various



disadvantaged groups. In the UK the model already has a track record: Since 2010, 18 companies have been created using the model in areas of distinct socio-economic

disadvantage, all of which are still trading and in profit.

The project will result in new methods learned, local people coached to create and operate their own micro-businesses, and capacity and capability enhanced to operate a successful business and create employment. The tangible products will include a course book, a step-by-step guide focusing on the Bridge Model for Europe, a website and an interactive slideshow of case studies.

Particular attention will be given to disseminating and exploiting the results of the project during its development and after its completion. The project results will be further exploited to be commercialized promoted to policy makers in each participating country to generate ongoing use and lasting impact on the way entrepreneurial skills are taught to different social economic groups

For more details download the full report

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BUSINESS INCUBATOR -
GOTSE DELCHEV

Opportunities for Green Entrepreneurship

Green Entrepreneurship is gaining increasing attention in the start-up / business incubation scene. Here just one actual example:

The “1st International Green Entrepreneurship Forum (IGEF)“ will be held under the title “Business Opportunities in the Green Economy – Combining Efforts of Science, Economy and the Public” and discuss measures to stop climate change, to increase the use of renewable energy and resources as well as further improving energy and resource efficiency. These and many more issues are part of the fast growing green economy. Green entrepreneurship offers new (often radical) solutions to meet climate, resource and energy challenges. At the same time it offers numerous business opportunities for individual entrepreneurs as well as for established companies and is a growth engine for regions.

The IGEF is a network forum for partners from education, science and research, from businesses and the financial sector as well as the public sector to combine

efforts to improve and promote the growth of green economy and green entrepreneurship through genuine projects.

The Forum will offer top level panel discussion, the co-creative workshop session and the “Green Economy Marketplace” providing opportunities for developing existing companies, create new business ideas, gain in-depth knowledge on green economy and get in touch with interesting people.

The IGEF is organized by the “Dr. Werner Jackstädt-Zentrum für Unternehmertum und Mittelstand Flensburg“ together with the INTERREG 4 A project “SPICE“ and sponsored by the “Gesellschaft für Energie und Klimaschutz Schleswig-Holstein GmbH (EKSH).

For more information download the ICEF [leaflet](#)

. Registration is free of charge and available [online](#) The deadline is **March 10, 2014**.

Contact: Stefanie Jordt, stefanie.jordt@fh-flensburg.de



A new Relative of the SPICE Family?

There is much “spice” around the world – most really related with all kinds of spices. But, since April 2013 an initiative is unfolding activities that could be considered a relative of SPICE Group: spice – entrepreneurship & innovation”. This EU INTERREG supported project of Danish and German partners aims at creating an “innovation culture which follows the philosophy of failing-forward, getting things done and think big”. “spice” wants “to stimulate the academic entrepreneurship potential of the Danish-German region through establishing a network that provides direct links between students universities and companies” and enhance the economic strength of participating regional clusters”. Project partners and members of the network are the **IDEA Entre-**

preneurship Centre (at the University of Southern Denmark, The **University of Flensburg**, the **University of Applied Sciences Flensburg**, the **Campus Business Box**, and the **Science Center Kiel**.

These partners have set up **spice**, the **Student Program for Innovation Culture and Entrepreneurship** and invite students as well as companies to join. A network activity was, for example, organizing an **Entrepreneurship Summer Camp** in Berlin in August 2013 to “experience the atmosphere of Berlin’s start-up scene”

In our next newsletter we will provide more details.

Website: www.spice-network.eu/



Facts & Views

BADIR White Paper Series on Business Incubation

The new **BADIR White Paper Series**, written by NBIA's president emerita Dinah Adkins, is available in the [NBIA bookstore](#). This series of white papers includes topics related to business incubation, acceleration, angel investing, industry best practices, evaluating and monitoring clients and much more. The topics are

- Why business incubation programs succeed or fail (Part 1 Best Practices, and Part 2 Context)
- Business Incubators & Accelerators (Part 1 Definitions and Potential Benefits, and Part 2 How the two Models can collaborate)

Saudi Arabia's King Abdulaziz City for Science and Technology (KACST) represented by the BADIR Program for Technology Incubators commissioned the papers to provide information on a series of topics related to technology innovation, entrepreneurship and incubation.

Contact: info@nbia.org

Contact: mrashad@badir.com.sa / SDO Profiles:

NBIA www.spica-directory.net/associations/?id=75

SBIN: www.spica-directory.net/associations/?id=163



10 million € from the EU for web and mobile entrepreneurs to start and scale up

The European Commission has launched a call for projects to encourage entrepreneurs who use web and mobile technologies as main component in their innovation, to start a business in Europe and scale it up:

The "Web Entrepreneurs Challenge" is designed to:

- accelerate web entrepreneurship in Europe, by using new cross-border services co-developed by several local web entrepreneurship ecosystems and hubs working together.
- coordinate activities in the area of web entrepreneurs.

neurs.

The expected impact is to support the

creation of a dynamic European ecosystem system or web entrepreneurs,

in particular for those contributing to the creation of specific web entrepreneurship policies and to implement the [Startup Europe Initiatives](#).

The budget available is 10 Million € and the **deadline for submission is the 23rd of April 2014**.

More info at [website](#)



Information about Seed Accelerators available

The Seed Accelerator Database (DB) started in summer 2009 based on a MBA thesis on seed accelerators at the University of Cambridge. To properly analyze seed accelerators, Jed Christiansen built a list of all known accelerators at the time, as well as all of the companies that had gone through those programs.

After this data was shared some time through a variety of Google Spreadsheets in spring 2012, Jed began to clean it up, put it in a different format, and integrated it with live data. The result now is available as Seed-DB with 185 accelerator listed, thereof 104 from the US; the other 74 distributed over 31 countries.

The database provides an interesting spectrum of information like the number of companies invested in, exists and their value, and number of job and also

offers information about the investors and the companies invested in.

This database provides much information and offers this data for interpretation. And there are many questions coming up – even at first look. For example, how the

economics effects of the seed accelerators can be evaluated after a longer period of time. The amounts of investments and exists look impressive, but do not say much about the economic impact the companies reach with a longer time perspective.

However, the Seed Accelerator DB shows a roadmap on its website that looks promising.

Website: <http://www.seed-db.com/>

Contact: Jed Christiansen, jed.christiansen@gmail.com



Foreign Direction Investment on the rise in MED countries

Foreign Direct Investments (FDI) and international partnerships in MED countries (9 Mediterranean partner countries, plus Libya and Turkey) have developed positively in 2012. This is what the latest annual review of the Mediterranean Investment and Partnership Observatory (ANIMA-MIPO), published in November 2013 found. The report states that "after two difficult years of struggles on the political and global economic fronts, the region registered an excellent year in terms of FDI attraction - the fourth best in the last decade".

With € 37 billion FDI announced in 2012 (a 36% growth compared to 2011), the MED countries are back to their 2008 levels; back to the pre-crisis level.

The report also found that much of the growth of FDI

has to be contributed to a

few major projects so that the number of FDI projects has decreased by 10 per cent to 645 projects in 2012.

In view of the exceptional political and economic context the positive FDI development can be valued positively. However, The ANIMA report cautions that globally, the FDI market share of the MED region has been decreasing, from 3.3% in 2008 to 2.6% in 2012 of global FDI flows (according to UNCTAD).

For more information visit the [ANIMA website](#)

The full report is available for [download](#)



France in 2014 will invest € 1 billion to boost innovation and growth

Bpifrance is a publicly owned bank set up to assist companies by all means of finance, from start-up to IPO, through credit as well as equity.

In January 2014 bpifrance Director of Innovation, Paul-François Fournier, announced a € 200 million program to target simplification of applications for finance and development of a supportive ecosystem for start-up and growth companies. Additionally € 500 million are earmarked for financing capital intensive innovation. The overall aim is to generate more “French Champions” through supporting innovation and helping companies to grow. The initiative is part of “[plan NOVA](#)”, one of the 12 key measures of the “New Deal for Innovation” of the Ministry for SMEs, Innovation and the Digital Economy.

For developing the ecosystem investments under [French tech](#) , a



program of the Ministère du Redressement Productif (Productive Recovery) investments are foreseen for developing and supporting accelerators and establishing the Bpifrance co-working space, the first co-working space in a bank, as well as helping French companies to settle in the US, through the [UB I / O program](#) that brings 8 French companies for 10 weeks to the Silicon Valley. All in all the French government has announced to provide € 1 billion for boosting innovation and growth of businesses in the country.

For more information visit [bpifrance/OSEO](#) website <http://www.oseo.fr>

ANDE: Toolkit to evaluate Entrepreneurial Ecosystem available

The Aspen Network of Development Entrepreneurs (ANDE), with the support of the UK Department for International Development (DFID) has developed a Toolkit to evaluate Entrepreneurial Ecosystems. It is available for download and provides methodological guidance on assessing the current state of entrepreneurial ecosystems. Included is a set of resources and tools that for development practitioners. This toolkit is intended to serve as a basis for other organizations to build upon; it is not aimed to be exhaustive. As basis

for developing this toolkit, ANDE conducted a comprehensive review of publicly available literature on entrepreneurial ecosystems and identified, assessed, and synthesized key elements and indicators of nine evaluative frameworks. ANDE encourages practitioners to use this toolkit as a guide that can be adapted to fit the local and/sectorial context



Link for more [information](#) / Link for [download](#)

With half a century of experience - exploring new horizons of incubation

The **Science Center** in Philadelphia is one of the most successful and most experienced inner-city research parks of the US. Started back in 1963 today it features different programs for supporting entrepreneurship and growth of start-up companies. The **Port** incubator offers lab and office space, entrepreneurial support programs plus networking, and professional development. **Quorum** helps client companies to grow it into a successful business by connecting entrepreneurs and innovators with information, funding and resources.

Breadboard focusses on the creative sector and offers subsidized access to NextFab Studio facilities, classes, and exhibition opportunities to selected and invited resident artists. The **QED** Proof-of-Concept Program targets researchers and scientists at participating colleges and provides access to funding and business advice.

Now Science Center has started a new state-financed **digital health accelerator**, and is accepting first applications. Successful applicants will receive up to \$50,000 from the Pennsylvania’s “Discovered in PA – Developed in PA” n PA” program. To be successful,

applicants must meet criteria that include a focus on digital health systems or medical information technology and the likelihood of project completion by the spring of 2015. The application deadline is March 15.

The Science Center has an impressive track record with



more than 350 organizations graduated from the center since its inception in 1963, 15,000 people (with an average salary of \$89,000 per year) employed by the 93 graduate companies that are located in the Greater Philadelphia region, of employees of our graduate companies, and more than 40,000 regional jobs generated by graduate and resident organizations that started in Science Center. There is more information available in the full report available for [download](#) and the anniversary [video](#).

Contact: Jeanne Mell, info@sciencecenter.org

SDO Profile: www.spica-directory.net/centers/?id=2583

Digital copies of *The Business Incubator* magazine are available for download free of charge. To download the magazine just visit the magazine’s website (www.theincubatormagazine.com) and log in with password (register first), and access the download page. On the website offers access to the actual edition



of “The Business Incubator” as well as all earlier issues. You also may order the print version

Creative Industries are considered an important part of economic development strategies. The importance is seen by communities, region, economic development agencies as well as and business incubators. Also in the political arena creative industries are receiving increasing attention. Therefore we decided to provide information about this business sector aggregated o special pages of the newsletter "SPICE Update"

Creative Industries

Mapping Culture: Communities, Sites and Stories

Cultural Mapping reflects the spatial turn taken in many related areas of research, including cultural and artistic studies, architecture and urban design, geography, sociology, cultural policy and planning. Traditional approaches to Cultural Mapping emphasize the centrality of community engagement. The process of mapping often reveals many unexpected resources and builds new cross-community connections. The recent adoption within a variety of disciplines leads to re-thinking and expanding the 'traditional' approaches. Cultural mapping is adopting new methodologies, perspectives and objectives. Internationally, cultural mapping became closely associated with professional cultural planning practices. Two key research dimensions are:

- the participatory and community engagement aspect in the context of mobile technologies

- Mapping the intangibilities (stories, histories, etc.) that provide a "sense of place" and identity to specific locales

These two aspects will be highlighted in an international conference "**Mapping Culture: Communities, Sites and Stories**", to be held in Coimbra, Portugal, May 28 - 30, 2014. The conference presentations and Symposium workshops will bring together interests of both researchers and practitioners. The conference is intended to explore conventional as well as alternative approaches to mapping cultures and communities in an international context. Presenters will discuss and illustrate innovative ways to encourage artistic intervention and public participation in cultural mapping. **Contact:** Nancy Duxbury: duxbury@ces.uc.pt
For conference information visit [Website](#)

UK universities collaborate for creative Industries Development

CREATE, formally launched January 31, 2013 with a public event at the University of Glasgow is leading a consortium of seven UK universities: the University of East Anglia, the University of Edinburgh, Goldsmiths (University of London), the University of Nottingham, the University of St. Andrews and the University of Strathclyde. CREATE is the center for copyright and new business models in the creative economy, designed to help the UK cultural and creative industries thrive and become innovation leaders within the global digital economy. CREATE, with funding of more than € 6 million (2013 - 2016), will examine the business, regulatory

and cultural infrastructure, of the cultural and creative industries by exploring cutting-edge questions around digitization, copyright, and innovation in the arts and technology with an ambitious program of 40 interdisciplinary projects involving expertise from law, economics, management, computer science, sociology, psychology, ethnography and critical studies.



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SDO Profile: www.spica-directory.net/asf/?id=2581

Fourth research workshop: Higher Education & Creative knowledge

The **Fourth research workshop: Higher Education & Creative knowledge: Exploring digital co-production and communities**" to be held March 20, 2014 in the CREATE Center at the University of Glasgow will focus on the collaborations, networks and spaces shared by creative industries (including creative practitioners, artists and freelancers) and higher education. It will look at formal arrangements and practices (such as residencies, workspaces and teaching) as well as informal net-

workshops and shared activities. It will consider issues of sustainability and ask how benefits are equally shared by the partners involved. It will also examine the role played by institutions, geographies and policy frameworks that influence the development of these shared initiatives.

Contact: R. Comunian, Roberta.Comunian@kcl.ac.uk
SDO Profile www.spica-directory.net/asf/?id=2581&cc
Website; <http://www.create.ac.uk/>

Cultural Heritage as source for Creative Industries

Europeana Creative is a European project to enable and promote greater re-use of cultural heritage resources by Europe's creative industries. The project was launched in early 2013 involving 26 partners from 14 European countries are contributing to the project. These include content providing institutions with world famous collections, creative industry hubs and organizations, the tourism and education sectors, living labs, software developers and multimedia experts, as well as think tanks.

Project Partners will develop pilot applications focused on **design, tourism, education and social networks**. A series, **a series of open innovation challenges** will be launched with creative



industries entrepreneurs to identify, incubate and spin-off more viable projects into the commercial sector.

Contact: Katharina Holas, katharina.holas@onb.ac.at
For more information visit [website](#):

Incubator Quality

SPICA Directory has introduced a minimum “quality standard” for being listed on SPICA World Map”. This standard does not evaluate the quality of an incubator / technopark operations, but the quality of information provided.

- Organizations that have provided actual and complete data within recent two years are shown on SPICA World Map
- Profiles inserted or updated more than 24 months ago are not accessible for directory users.

SPICA World Map only shows locations of “Centers” (incubators, technoparks, associations, consulting, support and finance organizations) that have provided a complete profile and information has been updated last not more than 2 years ago



www.spica-directory.net

SPICA World Map now is the main entry point for users of the directory. From that page access to the individual incubator technopark/ association profiles in SPICA Directory is possible in different ways. There also are other possibilities to find a specific profile. For example, by using tabs “countries” or “associations”.

If your organization is listed in SPICA Directory but you did not yet receive a user name and password please contact SPICA Directory at update@spica-directory.net

Note: to access SPICE Directory profiles you need to be registered as user. Profiles that have been updated recently are available at www.spica-directory.net/recent.php

The ASF Section of SPICA Directory

The section “Advice – Support – Finance in SPICA Directory offers access to information about organizations and companies active in the ecosystem to provide important functions for innovation, entrepreneurship and growth organizations. We invite you to try and test the new section and help us to improve www.spica-directory.net/asf/entry.php

NEW on SPICA World Map

Portugal: the Science and Technology Park of the university of Porto, **UPTEC**, started in 2007 and is operating four technology specific incubation centers: for creative industries, biotechnologies, and maritime e technologies.



SDO Profile: www.spica-directory.net/centers/?id=2558



Iran: The **Rooyesh ICT Incubator** since opening in 2003 has already served more than 370 clients. At this time 29 client firms are working in the incubator and 6 companies have graduated.

SDO Profile www.spica-directory.net/centers/?id=1995

Australia: The **Designedge** business incubator is focused on creative industries, fashion, and textile , and since opening in 2003 has graduated more than 750 companies.



SDO Profile: www.spica-directory.net/centers/?id=2199



Iran: **Kermanshah STP** is going to establish the agricultural business technology incubator in Ravansar and Sarpol this year. It serves 150 clients with 500 employees.

SDO Profile: www.spica-directory.net/centers/?id=2433

Saudi Arabia: **BADIR** Program for Technology Incubators. The **BADIR** program, which was initiated in 2007 for technology incubators national program to activate the development of business incubators and technology in Saudi Arabia. **BADIR** has served already 52 clients



SDO Profile: www.spica-directory.net/centers/?id=2578

Germany: The **Technology Center Dresden** started in 1990 and has served almost 400 client



firms, 258 companies graduated and 14 with 1900 employees are working in the incubator at this time.

SDO Profile: www.spica-directory.net/centers/?id=596

Belarus; The **Business Innovation Center Gomel** works since 1992 and 68 client companies with 470 employees graduated from this incubator since it opened



SDO Profile: www.spica-directory.net/centers/?id=33

Poland: The **Wroclaw Technology Park** operates since 1998 and at this time has 150 companies with more than 1500 employees on site



SDO Profile: www.spica-directory.net/centers/?id=44

Serbia: The **Business Technology Incubator of Technical Faculties Belgrade** operates since 2006 and and at this time has 38 clients (20 of them off-site). Since 2012 18 with 130 employees companies graduated



SDO Profile: www.spica-directory.net/centers/?id=2206

Latvia: **Creative Andrejsala** since 2010 works to support start ups the creative industry sector and has 100+ graduates



SDO Profile: www.spica-directory.net/centers/?id=2265

Business Incubation in MENA

This page provides information about incubation activities from MENA (Middle East and North Africa). MENA^{inc} is the regional infoDev supported network of business incubators and technology parks. More information: <http://iisc.infodev.org/en/Region.5.html> or <http://www.menainc.org> contact Mr. Mohammed Allam at m3allam@gmail.com



Palestine Entrepreneurship and Innovation Systems National Strategies and Policies

by Hasan Omar: In the January 2014 issue of “This Week in Palestine” many aspects of innovation and entrepreneurship are discussed by various authors. One of them, SPICE Group member Hasan Omar, CEO of the Palestinian Incubator PICT, puts a spotlight on the national strategy.

The article begins with a short description on of the economic and social situation of Palestine including the limitations and challenges. This is followed by comparing the performance of Palestine compared by different reports and indices, including the “Report on the Implementation of the Euro-Mediterranean Charter for Enterprises” by the European Commission that was conducted on the basis of the Euromed Charter for Enterprise, the Global Innovation Index 2013, and the

Knowledge Economy Index (KEI) of the World Bank. The benchmarking shows that Palestine is performing low compared with other countries in Middle East and Northern Africa. Putting the business incubation and entrepreneurship activities of Palestine into this framework the article concludes with a call for revising the entrepreneurship and innovation eco-system in Palestine, strengthening the involvement of the private sector (as well as the diaspora), and improving coordination and integration of the various players in the ecosystem, and developing a National Innovation Strategy and related policies to create an accepted and reliable framework for entrepreneurship and business development.

Read more in “[This week in Palestine](#)”

Bahrain Frist Women Incubator in Bahrain started operations

Riyadat is a new center in Bahrain with the mission to assist Women Entrepreneurs. Officially opened on November 6, 2013 with a ceremony under the patronage of HRH Princess Sabeeka bint Ebrahim Al-Khalifa, President of the Supreme Council for Women who back in 2010 began promoting the idea based on perceiving the need to invest in showcasing products and services lead by Bahraini women.

The Women Business Incubator Centre benefits from collaboration between Bahrain Development Bank, Supreme Council for Women and Bahrain Business Incubator Centre.

Partnering with Bahrain Development Bank whose sole focus is supporting Small Medium Enterprises in Bahrain, ensures having the expertise and the services necessary for the kick-off of the business.

By providing incubation and a wide array of services to assist our future business women, Riyadat is the first facility in the region focused on investing in women entrepreneurs. Riyadat’s philosophy is

- Development of women's project management skills and self-employment; by providing an appropriate environment
- Provide training and advisory services to support

women micro-entrepreneurs

- Promoting an entrepreneurship culture of creativity and innovation
- Provide a support system for micro enterprises to transform into SMEs

Through their services the Centre aims to support women with an ambition to start and grow their business and to develop women entrepreneurs who can turn their SME into brands known locally and internationally.

The Centre offers 60 units on 3floors and, with the ground floor allocated for showcasing products; the top floor serves as Business Centre with 17 office units for service providers. The incubation period at Riyadat is 3 years. Entrepreneurs are supported in terms of low rent as well as advisory and accounting services.

“We hope to establish an entrepreneurship mentality and support Women ready to spread their wings and fly in the direction of their dreams.” is the slogan Riyadat’s Team is working under.

Contact: Mrs. Shatha Al-Jalahma

Email saljalahma@bdb-bh.com

SDO Profile: www.spica-directory.net/centers/?id=2560



Bahrain Website informing about Entrepreneurs’ Activities

The website BahrainIPRENEUR was set up by **Janan Habib** to inform about the new talents and aims at giving visitors of the website easier access to new and innovative, but still hidden entrepreneurial talents.

For example, the website features Janan Habib, a Lebanese architect who is the architect behind many of the interiors recently renovated historical buildings in Bahrain (Muharraq and Manama)..

Another interview is with **Noor Al Shaikh** who is known in the country as the co- anchor of the daily

morning show “Hala Bahrain”.

But Noor is “really an entrepreneur at heart” and informs in the interview about

her first business venture – and why this had to close – very valuable information that hardly can be found.

BahrainIPRENEUR invites all innovative entrepreneurs to join

Website: www.bahrainipreneur.com/



Abu Dhabi *Developing the Entrepreneurship Ecosystem in Abu Dhabi*

ADU Enterprise was established in 2010 with a vision to become a full ecosystem to support innovation and entrepreneurship at Abu Dhabi University and in the Abu Dhabi Emirate and the UAE.

With this goal the center has setup its strategic plan to establish a culture of innovation and entrepreneurship at the university and the Abu Dhabi community in general, and to build the enabling environment for innovation and entrepreneurship. At present, the center is focusing on the pre-incubation phase and developing entrepreneurship. The program consists of two levels:

- Academic level within Abu Dhabi University Students (undergraduate and graduate levels).
- The Abu Dhabi Emirate community level to support entrepreneurs in the community and to bridge the gap between the academia and the industry.

The center conducts activities that contribute to the creation and development of an inspiring ecosystem:

- Organizing entrepreneurial competitions;
- Organizing seminars and workshops on entrepreneurship, leadership, and innovation,
- Partnering with organizations that support entrepreneurship for the youth.

The center has partnered with key support organizations such as Khalifa Fund for Enterprise development

the Abu Dhabi Chamber for Commerce and Industry, and the Department of Economic Development

Business incubation initiative

Abu Dhabi University is an entrepreneurial university, it is the first university in the United Arab Emirates to start business incubation program that connects research with the industry. In 2011 the university has signed incubation agreement with AccuVisBio, a research based biotech startup company supported by Khalifa Fund for organization development, this agreement links the company research with the university resources. In return the university will be able to get researchers and students to work with the company researchers on new innovative researches that could be developed as commercial products in the field of biotechnology.

ADU Enterprise is working to expand this program and attract new startups with innovative research and technology based ideas to offer incubation and commercialization support services.

Contact: Rima Shaban, rima.shaban@adu.ac.ae

SDO Profile: www.spica-directory.net/centers/?id=2435

Web: <http://www.adu.ac.ae/aduenterprise.html>



Abu Dhabi *First techno-preneur program in UAE is under way*

Khalifa Fund for Enterprise Development in partnership with Abu Dhabi University (ADU) is organizing the first techno-preneur competition in UAE. This competition is an accelerator program to help technology-based entrepreneurs take the first step towards initiating their innovative ventures.

The main obstacle for technopreneurs in the Arab world is the transition phase from the technical idea to the product prototype that is ready for commercialization. The Khalifa Fund and ADU therefore worked on this new program that will bridge this gap and help technopreneurs to start technology and knowledge based ventures.

This competition is a complete program that merges all needed components for technopreneurs, it will provide

technical support and mentoring in addition to access to university facilities.

Applicants can be individuals or groups of young entrepreneurs holding a technology based idea and looking to transform it to a viable business. Short listed teams will attend a workshop to develop business model and the three winning teams will get seed funding in addition to short incubation to develop prototype at the innovation and entrepreneurship Center at Abu Dhabi University. This will be accompanied by coaching and mentoring for the business model development and the prototype development. The submission of applications ends February 26, 2014.

web: <http://www.technopreneurae.com/>

Applications: <http://www.technopreneurae.com/en.html>

Abu Dhabi *Award for ADU Enterprise for outstanding entrepreneurship support*

In December 2013 Abu Dhabi University (ADU) was awarded "Best Supporting University for Entrepreneurship" in the UAE and the Arab World during the Mohammed Bin Rashid Award for Young Business Leaders. The award aims to create a competitive environment among entrepreneurs in the UAE and the Arab World as well as recognize individuals and organizations who contribute to the development of SME sectors in the country.

Receiving the award, H.E Ali Saeed Bin Harmal Al Dhaheri Chairman of ADU 's Executive Board explained that it represents the vision to create an atmosphere of creativity within different organizations and encourages individuals to put forward initiatives that

promote the advancement of the nation's economy. Bin Harmal added that receiving this award encourages ADU 's staff, faculty, students and alumni who were all an integral part in promoting a culture of organizational excellence within the University, and the creation of a learning environment that encourages entrepreneurship. This was the basis for establishing The Innovation and Entrepreneurship Centre "ADU Enterprise".

The Chancellor of ADU, Dr. Nabil Ibrahim, expressed his pride in the university's most recent achievement. "SMEs constitute the backbone of the UAE's non-oil GDP, and receiving



....continued on next page

... continued from previous page this award for the university's efforts in supporting young entrepreneurs is showing us that we're on the right path".

Rima Shaban, Manager of ADU Enterprise, explained that since its inception in 2010 the Centre has provided advice, guidance and services to entrepreneurs, as well as providing them with the knowledge and tools they need to develop their SMEs and ensure greater chances of success: "The Centre has also worked in collabora-

tion with the College of Research and Graduate Studies at ADU in becoming the first business incubator for AccuVis Bio supported by Khalifa Fund".

For more information read the report and visit the SDO Profile: www.spica-directory.net/centers/?id=2435

Contacts:

ADU Enterprise, R. Shaban, rima.shaban@adu.ac.ae

Abu Dhabi University, PR & Media Office,

Omnia Hassan, Omnia.hassan@adu.ac.ae

Lebanon *Berytech Rewards Women Entrepreneurs*

For the second time the competition «**The Best Women Entrepreneur**» was held by Berytech in Beirut, Lebanon in partnership with AUF and BLC Bank In November 2013 the winners were honored in a ceremony at Sagesse University, during the "Confremo" conference. In the presence of Lebanese university rectors and stakeholders of the educational system the two winners could promote their business projects and received with their prizes in form of grants of € 13,850 (first winner) and € 10,000 (second). These funds will be the basis to start their businesses supported by partners and in Berytech's incubation program.

The first prize winner, Rollin'pen, by Céline Khoury, presents a web platform for editorial, translation and

copywriting and the second prize winner, by Dunia EL Khoury, offers safflower oil products with various and unique benefits. Representing Berytech during the conference, Nicolas Rouhana highlighted the increase of the number of women entrepreneurs in Lebanon, showcasing the importance of this program: "we are happy to see the interest and encouragement of women to startup their companies and to provide them with the right platform, supporting the development of their business".

Contact: Nicolas Rouhana, nrouhana@berytch.org

SDO Profile: www.spica-directory.net/centers/?id=2028

More information on [website](#)



Saudi Arabia *Incubator Network provides training for Business Incubation management*

BADIR established the **Saudi Business Incubator Network (SBIN)** in 2009 with the aim to support the development and capacity building of the business incubator industry within the Kingdom. Currently SBIN has 112 members, and with the establishment of new incubators, this number is expected to grow.

The mission of SBIN is to support and promote successful business incubation by facilitating information and experience exchange among Saudi incubators, policy makers, clients, and related organizations. To enable capacity building and learning opportunities for incubator managers, SBIN in cooperation with infoDev has trained 11 national trainers who now offer opportunities to business incubator managers to receive training of the 12 infoDev business incubation management training modules. For the year 2014 SBIN is preparing to offer four trainings, each with several modules of the infoDev training program and in addition many other events to help building the ecosystem, for example :

- Startup Weekends in Riyadh and Jeddah Business Ideas contest with team forming and startup planning with a help of mentors and judged by a high

profile judges

National Technology Entrepreneurship Competition

- Mix & Mentor events to bring together promising entrepreneurs with industry experts and investors
- Pharmacy CSF II, a gathering of creative and inspiring pharmacist to discuss business potentials
- ArabNet Tech Night for young Saudi entrepreneurs and business leaders to discuss the entrepreneurship scene, share experiences.
- The 5th Annual Saudi International Technology Incubation Conference
- ArabNet Riyadh, the largest gathering of digital executives and entrepreneurs in Saudi Arabia bringing together more than 800 participants.

Part of the efforts to make information and knowledge available to entrepreneurship support organizations also is publication of the **BADIR White Paper** series available for [download](#)

Contact: Majed M. Rashad, mrashad@badir.com.sa

SDO Profile www.spica-directory.net/associations/?id=163



Lebanon *Festival of digital creativity: ArabNet Beirut 2014*

ArabNet Beirut 2014 is the festival of digital creativity, business, development and entrepreneurship taking place March 4 – 6, 2014. The event will feature more than 80 speakers from across the MENA region and abroad to discuss the opportunities in web and mobile for the media & entertainment industries, fashion, creative communities, food and beverage, and more. It will also feature a Design+Code Day, on March 4, which will host workshops for developers and designers to hone their skills and network.

ArabNet Beirut will include ArabNet's signature entrepreneur competitions, the Ideathon and Startup Demo as well as the Creative Combat, which aims to highlight emerging regional talents in digital marketing. The event will feature a lively evening program with meetups, dinners, and parties.

Contact: Beirut@arabnet.me

Web: <http://arabnet.me/conference/beirut/>



Bahrain *infoDev Business Incubation Management Training*

The Business Incubation Management Training, conducted in Bahrain January 26 -29, 2014 was attended by 37 trainees from Bahrain, Qatar, Oman United Arab Emirates, Saudi Arabia and Libya. This training was based on the infoDev training materials and organized by Bahrain Development Bank Group (the mother company of Bahrain Business Incubator Center) in association with MENAinc, the Middle East and North Africa Incubators Network, The 3-days training was delivered by two infoDev certifies trainers, Omar Oz (Turkey) and Mohammad Allam (Bahrain), and covered “Business Incubation Definitions

and Principles, “Business Incubator Models, Including Success Factors”, “Planning an Incubator”, “Managing the Incubator” and “Monitoring, Evaluating and Benchmarking Business Incubators”. As a special feature, training participants could visit the recently opened Women Business Incubator (Riyadat).contact Mohammad Allam, mallam@bdb-bh.com More [information \(modules\)](#)



SDO Profile: www.spica-directory.net/centers/?id=1980

Tunisia *Social Entrepreneurship in Tunisia*

Social Entrepreneurship is gaining increasing momentum and interest all around the world. Social models are switching from charity-based organizations to revenue-generating and sustainable structures. Funders are investing in social for-profit companies in emerging markets to generate positive impact in sectors like education, health and access to finance. While success stories exist throughout the world and social entrepreneurs networks are being developed in the Arab region, social entrepreneurship and impact investing are not developed in Tunisia, staying below potential, needs and opportunities of the country. The **Tunisian Center for Social Entrepreneurship** is

has been set up to support the development social entrepreneurship in the country, with four focus areas:

- Educating about social needs and innovations/promoting social entrepreneurship;
- Identifying and incubating social innovation;
- Advocating for a better legislation;
- Strengthen exposure to international social entrepreneurship networks, funds and investors.

Examples for incubation activities of the center are “OS Single Mother”, “Fair trade fashion” “Biofuel and Oil recycling”, or “Eco-tourism in North Tunisia”.

Contact: Anis Fnaiech, se.tunisia@gmail.com

Web: <http://medcsb.wordpress.com/about-the-center>

Business Incubation in Latin America

This page provides information about incubation activities and programs from the Latin America and Caribbean region. Relapi is the regional network of business incubators and technology parks that has been set up with support from the infoDev program. For more information, please visit the website http://www.relapi.org/site_novo/index.php



Costa Rica *Parque Tec Client Company attracts major Investment*

Aditi Multimedia, client company of the business incubator **Parque Tec** in San Jose, Costa Rica made a big step forward: **Grupo Nación** acquired a 35% stake of Aditi Multimedia, a company providing digital content (video films, music, e-books, games, coupons etc.) through its interactive “Kiboo” kiosks. 150 Kiboos already were installed in retail environments like Wal-Mart and Auto Markets as well as in convenience stores. **Grupo Nación** is “a communications company with editorial and financial independence, a leader in the generation of several files (print, digital and experiential) that are derived from its core business: the information”. History of this company reaches back to 1946 when it first time published the newspaper “La Nación”. Meanwhile the company unites more than 20 brands in the entertainment, advertising, and information sector. Certainly the investment financially is important for Aditi, but participation of Grupo Nación also extends the market for the start-up. "In Grupo Nación we are in the content business, but also in the marketing of these. The kiosks have a screen for a commercial space and the Group intends to sell those spaces", said Antoinette

Chaverri spokeswoman Nation Group and CEO of GN Media.

The business of Aditi evolved in Parque Tec through a process of coaching and investment. The President of Parque Tec, Marcelo Lebediker, evaluates the actual Grupo Nación investment also as an important event for the entrepreneurial ecosystem and an example for all start-ups in the region: “We are comforted to know that entrepreneurial talent is being supported by major corporations like Grupo Nación. This investment, encourages the creation of value”. The entrepreneur, Mauricio Robles, CEO of Aditi Multimedia, confirmed the importance of the incubators services, saying “to have the support and backing of Parque Tec was instrumental in achieving the launch at this early stage market." Robles, through this expansion of the business expects to create over 20 new jobs in the medium term.

More information [click here](#)

Contact: M. Lebediker, mlebediker@parquetec.org

SDO profile: www.spica-directory.net/centers/?id=2034



Business Incubation in Africa

This page provides information about incubation activities and programs from the AFRICA region. AIN is the incubators and technology parks that has been set up with support from the infoDev program. For more information, please visit the website <http://www.infodev.org/en/Project22.html> or contact



Liberia

Liberia Promoting and Supporting Entrepreneurship nation-wide

The Business Start-up Center (BSC) Monrovia is the first initiative in Liberia focusing on promotion and supporting entrepreneurship through information and training. BSC was established in 2009 with support of SPARK, International Youth Foundation (IYF), and Bid Network. BSC in 2013 in Buchanan at the Grand Bassa Community College has opened a branch office that is planned to become a full Business Development Service Center once the college has moved to its new campus. Now, BSC is expanding to other regions of Liberia to increase the economic activities through start-up businesses, supporting existing companies, and creating an entrepreneurial environment.

Beginning in September 2013 the roll-out now has been accomplished in the “Bread Basket” of Liberia, Bong, Nimba & Lofa counties, a region is known for its high agriculture and fishery potential, for its social activities, a raising population in small business ventures and long-time international trade with the neighbor country Guinea. Prosperity of fishery sector results in much international trade with the Ivory Coast and has further potential.

The two centers beginning operation now are the BPC in Gbarnga located at the Cuttington University College (CUC) that graduates 500 students annually and an Entrepreneurship Center at the **Tubman University (TU)**. TU plays a pivotal role in developing human capacity regionally by providing education, vocational training as well as technical and research services. As a member of the Association of Liberian Universities (ALU), and partner under the MFS II Program by SPARK, TU has prepared for the new center developing “Entrepreneurship Course” that aims at creating a new mind-set of youth.

Among the aims of the new centers are the creation of at least 10 registered start-ups owned by young entrepreneurs, providing employment to about 50 youth as a result of 2 Business Plan Competitions; increased employability of 40 youth through certified training self-sustainability; and , the development of the new centers matchmaking of at least 4 entrepreneurs to invest supported by the BD Network.

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SPICA Profile: www.spica-directory.net/centers/?id=2548



Botswana

Botswana Innovation Hub launches CleanTech Centre of Excellence

The Botswana Innovation Hub (BIH), in November 2013, launched the Clean Tech Centre of Excellence at the University of Botswana (UB). Clean Tech includes a wide variety of environmental, social and economic activities in the fields of recycling, renewable energy and information technology and the center is aimed at boosting developments that will help Botswana deal with problems like water shortages, increased aridity, extreme temperature regimes and cumulative waste materials.

When launching the center, Deputy Permanent Secretary, Mr Inchidzi Mmolawa, for the Ministry of Minerals, Energy and Water Resources, said that BIH existed to enable scientific, technological and indigenous knowledge based innovations and was mandated to contribute to the development of new sectors of the economy, especially those with a science and technology inclination. “These are mining, biotechnology, ICT and clean tech,” he said and stressed the need for concerted efforts to develop long lasting and sustainable solutions that would ensure that Botswana could create sustainability into the future. New technologies especially are needed in water saving, energy efficiency, renewable energy, bio-energy, cleaner-coal as well as waste management and recovery.

Mr Mmolawa added, “Skills development remains a critical element in the enhancement of a



clean tech sector capable of rolling out sustainable projects with a significant impact on the economy. Global figures show that the clean tech industry grew by 18 per cent between 2012 and 2013 and is currently worth of US\$170 billion. Such growth also indicates job creation in the different sectors,” and continued that it is essential for local companies to adopt new technologies that will exploit clean tech in bio-fuels production both from plant and animal material. The clean tech program blueprint document and five year implementation plan were produced in partnership with Lund University and Krinova Incubator and Science Park in Sweden.

This article is based on a report by Thamani Shabani (BOPA), [source](#)

Contact: Alan Boshwaen, info@bih.co.bw

SDO profile: www.spica-directory.net/centers/?id=2095

SDP Profile Krinova Science Park, Sweden:

<http://www.spica-directory.net/centers/?id=1879>

SDO profile IDEON Science Park, Lund, Sweden:

<http://www.spica-directory.net/centers/?id=1886>

Important upcoming Events

<http://www.spice-group.de/events/>

If the conference hosts are members of **SPICE Group** the respective logo is shown at the event. As the full list of events is taking too much space in the newsletter only a brief overview can be provided. We recommend visiting the "Events" section on the SPICE Group website. This page also offers the feature to put your own event on the list. Just click on "[Add new information](#)" and you will be guided through the simple process.

March 4 –6, 2014 in Beirut, Lebanon: Festival of digital creativity: ArabNet Beirut 2014

Festival of digital creativity: ArabNet Beirut 2014
ArabNet Beirut 2014 is the festival of digital creativity, business, development and entrepreneurship. The event will feature more than 80 speakers from across the MENA region and abroad to discuss the opportunities in web and mobile for the media & entertainment industries, fashion, creative communities, food and

beverage, and more. It will also feature a Design+Code Day, ArabNet's signature entrepreneur competitions, the Ideathon and Startup Demo, as well as the Creative Combat.

Contact: Beirut@arabnet.me

Web: <http://arabnet.me/conference/beirut/>



March 14 –15, 2014 in Coburg, Germany: Come 2014 for Creative Industries

The Business Forum and Creative Industry exhibition "Come 2014" will be held for the third time already organized by the Design Werkstatt Coburg. The aim is to enable know-how transfer and dialogue under the headline "**Focus on the Customer**". Expert lectures and workshops cover topics like marketing, sales, management and retail.

The accompanying exhibition will present related companies in the cultural and creative industries.

Website: www.come-coburg.de/come-coburg/2012

Contact: info@designwerkstatt-coburg.de

SDO Profile www.spica-directory.net/centers/?id=760



March 18 –20, 2014 in Abu Dhabi, UAE: 10th INSME Annual Meeting

The **10th INSME Annual Meeting "Investing in Innovation: Building a Sustainable Knowledge-based Economy"** will take place in Abu Dhabi - United Arab Emirates. The event is co-organized by the Khalifa Fund for Enterprise Development. The **International Network for Small and Medium Sized Enterprises** is a non-profit association open to international membership. Its mission is to stimulate

transnational cooperation and public and private partnership in the field of innovation and technology transfer to SMEs

Abu Dhabi is well known for its active business society – a perfect location to host the 10th INSME Anniversary.

Contact 2014@insme.it **Web** <http://www.insme.org/>



March 17 –20, 2014 in Moscow, Russia: Global Entrepreneurship Congress

The Global Entrepreneurship Congress to be held in Moscow, Russia, March 17 - 20, 2014 is expected to become a truly significant event with more than 2000 participants. The program will cover a wide range of regarding entrepreneurship development. The Congress is a joint effort of the Kauffman Foundation and the Moscow City Government.

Key issues of the Congress include: From startup to scale up; Sustainable entrepreneurial ecosystems; Experience from Industries; and Services for entrepreneurs.

Contact: V. Shudrya,, v.shudrya@forinnovations.org

Website <http://gec2014.com/>



March 26, 2014 in Flensburg, Germany: 1st International Green Entrepreneurship Forum

The "1st International Green Entrepreneurship Forum (IGEF)" will be held under the title "Business Opportunities in the Green Economy – Combining Efforts of Science, Economy and the Public" and discuss, for example measures to stop climate change, to increase the use of renewable energy and resources as well as further improving energy and resource efficiency. The IGEF is a network forum for partners from education,

science and research, from businesses and the financial sector as well as the public sector (more details, see report on page 4).

For more information download the ICEF [leaflet](#) Registration is free of charge and available [online](#) The deadline is March 10, 2014.

Contact: S. Jordt, stefanie.jordt@fh-flensburg.de



April 23-25, 2014 in Barcelona, Spain: Conference on University Industry Innovation

The 2014 University-Industry Interaction Conference on "**Challenges and solutions for fostering entrepreneurial universities and collaborative innovation**" in Barcelona, Spain, to be held April 23 – 25, 2014, is organized by the University Industry Innova-

tion Network (UIIN) and the Catalan Association of Public Universities (AC-UP). **Contacts:** Arno Meerman, email conference@university-industry.com website <http://www.university-industry.com>



May 18 –21, 2014 in New Orleans, USA: 28th International Conference on Business Incubation



events. It provides access to firsthand how successful

The annual international incubator managers operate their programs in conference sessions, workshops, roundtable discussions and panels. Mark your calendars for the 28th NBIA conference to be held in New Orleans.

Info: <http://www.nbia.org/events/conf2014/index.php>

The

26th Global Business Incubation Summit

will be hosted by NBIA on **Sunday, May 18, 2014** for representatives of national business incubation associations. A separate invitation will be mailed soon

May 22 –24, 2014 in Rzeszow, Poland: Market for Innovation. 25th Annual PBICA Conference



Innovation Centres” will be held in Rzeszow, South East Poland on 22-24 May 2014.

This event will be the place to meet BIC managers and staff, businessmen and researchers. There will be pre-

The Polish Business Innovation Centers Association will hold its **XXV Annual Conference “,Market for Innovation. The Role of Business**

conference training and workshops.

This is also opportunity to discover the potential of South Eastern Poland, the region of aerospace industry since the beginning of XX century.

Co-organizer: Rzeszow Agency for Regional Development and Aeropolis Science and Technology Park.

Info: biuro@sooipp.org.pl

Website www.sooipp.org.pl

May 28 –30, 2014 in Coimba, Portugal: Mapping Culture: Communities, Sites and Stories

The Centre for Social Studies (Centro de Estudos Sociais – CES), a State Associate Laboratory at the University of Coimbra in Portugal, is calling for the submission of papers and panel/workshop proposals from academics researchers, public administrators, architects, planners and artists for an international

conference and symposium. CES is committed to public interest, including relationships between scientific knowledge and citizens’ participation.

Proposals can be submitted online at the [CES website](http://www.ces.ucp.pt):

Contact: Nancy Duxbury: duxbury@ces.ucp.pt



June 5-6, 2014 in Nicosia, Cyprus: Seventh International Conference ICEIRD 2014

A call for papers has been published for the **7th International Conference for Entrepreneurship, Innovation and Regional Development (ICEIRD 2014)**: “Igniting Regional Economies - Knowledge, Innovation and Entrepreneurship in South East Europe “

More information about conference topics and program as well as about the conditions for the submission of

is available on the conference website

Submission deadlines:

for abstracts: January 20, 2014

for reports: March 1, 2014

For more details, please visit the [ICEIRD website](http://www.iceird.org)

Contact: info@cyprusconferences.org



June 8 –11, 2014 in Dublin, Ireland: Innovation for Sustainable Economy & Society”

Organized by ISPIM in partnership with Intel Labs Europe and The Innovation Value Institute, the **25th ISPIM conference “Innovation for Sustainable Economy & Society”** is expected to bring together around 500 innovation experts from 50 countries. The three-day program will include: The Knut Holt Memorial Address; Industry-Leading Keynote Speakers; Innovation for Business Sessions featuring leading companies; "Hot Topic" Roundtable Discussions;

“Innovation for Sustainable Economy & Society” with academic and Practitioner Presentations; Workshops;

Special Interest Groups; Academic Research Development Sessions. Delegates also will experience a taste of local culture at magnificent dinner venues and plenty of time for networking.

Email: conference.ispim.org web: www.ispim.org



June 11–14, 2014 in Dublin, Ireland: Conference of the International Council for Small Business

A Call for submissions has been issued for the **59th Annual Conference of the International Council for Small Business** to be held in Dublin, June 11-13, 2014 und the title **“Entrepreneurship and Sustainability”**. Abstracts will be accepted in the following tracks: Sustainability, Policy, Minority, Small Business. The deadline is January 31, 2014

Management, Gender, Education, Internationalization, Different Contexts, Innovation, Firm Performance,

Family Business, Theory and Methodology.

Performance Contact: sorcha@conferencepartners.ie

Website: www.icsb2014.org/



August 18-22, 2014 in Kraków, Poland, Creative industries Workshop

The Workshop “Creative Industries: a driver of new spatial dynamics?” co-organized by the Adam Mickiewicz University and the University of Birmingham will be held as thematic session on creative industries, at the International Geographical Union Regional

Conference. More information as well as the possibility to [register](#) is available on the IGU [website](#)

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Sep 17–19, 2014 in Tartu, Estonia: Baltic Dynamics 2014



The Baltic Dynamics 2014 is organized by Tartu Science Park in cooperation with Tartu City Government, Tartu Regional Energy Agency and Interreg IVC Program. Rapidly changing environment, innovation and technology influence daily life in many ways: Where is the future?

For the BD 2014 key topics of future have been selected for discussion. Four finalists: HARDWARE,

START-UP, HEALTHCARE and ENERGY will compete for the title. The winners will be chosen by the conference participants.

The Baltic Dynamics conference is an initiative of the Baltic Association of Science/Technology Parks and Innovation Centers (BASTIC) and has been held annually since 1995.. This year it will be held in Tartu, and hosted by Tartu Science Park.

For more information

Watch the [teaser video](#)

Check the website: www.balticdynamics.com/why

Oct 15–18, 2014 in Shiraz, Iran: 18th ASPA conference

ASPA's 18th annual international conference titled "Science and Technology Parks: Innovation and Commercialization Opportunities in the Conceptual Age" will again present results from research and development activities in aspects of STPs. All managers and staff of STPs, faculty members in technology and entrepreneurship management fields, entrepre-

preneurs, technopreneurs and technology development investors, R&D managers, technology development policy makers, technology development and management experts should not miss this event.

Website: aspa2014.fstp.ir

Contact: aspa2014@fstp.ir



Oct 19–22, 2014 in Doha, Qatar: IASP World Conference

The IASP World Conference 2014 under the theme “Science parks: where technology goes to work” will take place in Doha, Qatar, on 19th – 22nd October 2014, hosted by Qatar Science and Technology Park. The main general themes of the conference will be “Role of STPs as technology development catalysts”,

“Models of cooperation between universities and companies and the role that STPs can or should play“, and “STPs and their resident companies”.

Website www.iasp2014doha.com



About Members

The first SPICE BÄR dinner in 2014 – was No 16

The SPICE Bears met for the first dinner in January to talk about the still hot memories of the SPICE G & G Workshop in December – and to plan activities for the new year. This meeting also offered the chance to explore the quality of food and service (both excellent!) at “Majellchen”, a restaurant offering East-Pussian cuisine



And finally...

And this concludes the first SPICE Update of the year 2014. There is much on the agenda for the little more than ten months to come. Training for business incubation management and staff will gain further importance – just as training for (would-be) entrepreneurs. Also interaction between incubation programs and the entrepreneurial ecosystem certainly will gain increasing importance. Let us know what your main issues are

Heinz Fiedler & Larisa Brovarska

SPICE Update is the newsletter of SPICE Group. It is published 4 -6 times per year and regularly is delivered free of charge to members of the network as well as selected partners. Articles for publication are invited and will be published under the name of the author. Although we do our best for making sure that published information is correct we cannot accept responsibility for errors that may occur nor for website links provided. Editor: Heinz Fiedler, SPICE Group, Niedstr. 40, 12159 Berlin, Germany, Email update@spice-group.net
