

#9 Zoom Newsletter at 18/08/2016

NEWS FROM THE ICN SECRETARIAT

Climate Chance in Nantes 26-28 September

ICN will organise a workshop at the Pre-COP22 conference on 26 September 13:30-15:00 that will include participation from Tenerrdis, Cleantech Delta and Schneider Electric. The objective is to emphasize the importance of Cleantech clusters and their role in overcoming the world's climate challenges.

Establishment of ICN Task Forces

Following up on the conclusions from the strategy session at the ICN Annual meeting in Cape Town, ICN has established 3 task forces with a high degree of member involvement:

- **TF Funding (TFF)** will focus on writing applications for funding programs. The TFF aims to conduct 3 application processes this year/early next year for COSME, INNO-SUP and a third joint action (TBD). Next TFF call will take place end of August.
- **TF C40** will focus on ICN's involvement in the C40 program. The main objective from ICN's perspective is to present an overview of cluster companies who could provide solutions for the designated cities challenges around the world. Next TF C40 call will take place end of September.
- **TF C2C** will focus on sharing information amongst clusters regarding common projects, possible B2B matching and events/conferences. First TF C2C call will be held on 6 September where all clusters are invited to join the call.

C40 project

The C40 project, where ICN is a partner, has now received a number of interesting project challenges from cities around the world. Each application will be analysed and presented this autumn and boiled down to 4-6 cities where ICN members will be in the loop to deliver solutions.

NEWS FROM THE MEMBERS

CLEAN

CLEAN is among the finalists to receive the prestigious [RegioStars Award](#), which is honouring Europe's most inspiring and innovating regional projects. The project in case is the Copenhagen Cleantech Cluster project that generated 1,000+ jobs. -

CLEAN is in currently being re-certified according to the Cluster Excellence standards. The evaluation is on 23rd August, and is part of the SCALE-UP project.

Clean Tech Delta

Clean Tech Delta has just recently achieved the bronze label of cluster management excellence from the [European Cluster Excellence Initiative \(ECEI\)](#). A big congrats from ICN! Click [here](#) to access the site article.-

Save the date for the after summer Cleantech Atelier on 21st of September. Clean Tech Delta will focus on the “greenness” of the [Roadmap Next Economy](#) and the transition paths that are necessary to achieve this leading to sustainable and inclusive growth. In this context Clean Tech Delta will organize an atelier taking place in Rotterdam. More information [here](#). -

Rotterdam was chosen to receive the Europe’s first plant of the project Waste-to-

chemicals. More information about the project [here](#). -

Clean Tech Delta has now two new members! [Heijmans](#) and [Drechtsteden](#). Check [here](#) for more details.

Écotech Québec

During the 8th [Regional Leaders Summit](#) that took place in Munich this July, Écotech Québec and the Bavarian Environment technologies cluster ([Umweltcluster Bayern](#)) signed a formal cooperation agreement. The partnership aims at strengthening the clean tech sectors both in Bavaria and in Quebec, as well as networking the economic and scientific activities of both clusters. A continuous information exchange, and the development of a common strategy to identify promising projects and markets shall be the key to achieving this goal. Check [here](#) for more details about the agreement. -

Écotech Québec is working closely with the Canadian Working Group on Clean Technology, Innovation and Jobs that will provide a report this fall with options on how to stimulate economic growth, create jobs, and drive innovation across all sectors in the transition towards a low-carbon economy. This working group will consider a range of policy tools to bring forth new and emerging technology and innovations to the market, sustain a competitive economy, reduce GHG emissions, encourage growth and

investment, and increase exports of clean technologies, services and expertise. Check [here](#) for more information. -

Écotech Québec initiated the creation of [CanadaCleantech](#), a national partnership between organizations from four Canadian provinces that represents the majority of Canada's cleantech sector dedicated to enable cross-regional collaboration, to promote Canadian cleantech nationally and internationally, and to provide information and advice to key decision-makers across the country and around the world. -

The 28th International Mineral Processing Congress will take place in the Québec City Convention Center from the 11th until the 15th September 2016. See more information regarding the event. -

As part of the 66th edition of the [Canadian Chemical Engineering Conference](#), the Consortium de Recherche et Innovations en Bioprocédés Industriels au Québec (CRIBIQ) organises a conference under the theme: "Biobased Economy in Quebec: Innovation, Challenges and Opportunities" in Québec City on October 17 and 18 2016. Highlights of this event feature numerous activities of scientific and technological exchanges and networking in order to increase companies' visibility and to facilitate partnerships with Québec's bioeconomy key players. Registration to CRIBIQ's conference will give you access to the Pan-Canadian event for October 17 and 18. Check [here](#) the CRIBIQ conference program. -

Écotech Québec is collaborating with the Québec government and with the organizers of [Americana](#), the International Environmental Technology Trade Show and Conference, which is recognized as one of the leading multi-sector events of its kind in North America. It is a forum for the exchange of knowledge and practical experience, providing environmental and economic solutions. This major event will take place in Montreal, Canada from the 21st to 23rd March, 2017. Americana expects a turnout of 350 exhibitors, 200 speakers and 10,000 attendees from more than 50 countries. -

GreenCape

InvestSA, Wesgro and GreenCape received the UNCTAD Investment Promotion Award! The Partnership focusses on positioning South Africa as the green economy hub on the African continent. In this context their ongoing green initiative has resulted in an increasing share of sustainable FDI into the country. The most significant investment was the US\$19 million investment by Spanish multinational, Gestamp Renewable Industries (GRI) into the establishment of a wind tower manufacturing facility, creating nearly 300 new jobs in the Western Cape. -

GreenCape's website was a runner up in the Mail&Guardian's Greening the Future Award under the competition's Innovations for Climate Change Adaption category. The Competition held on July 28 2016 had a number of finalists for agriculture

innovations and initiatives. Take a look at the [GreenAgri](#) website: a one stop, curated information hub for farmers, researchers, private and non-government agencies interested in smart and sustainable agricultural practices. -

Green Tech Cluster

Innovation in recycling - from residual waste to hydro turbines: The new recycling plant at Mayer Entsorgung features the new REDWAVE XRF sorter, which ensures the highest level of purity and accuracy in sorting. For the first time, the sorter allows the separation from residual waste of alloys such as copper and aluminium, which were previously considered unsortable, into high quality secondary metals for processing into new products, which already include hydropower turbines. Check [here](#) for more details. -

Worldwide record with generators from Austria: Three turnkey gas-fired cogen plants, each with eight H-class turbines from Siemens Weiz, ensure high output in Egypt with record efficiency. The Siemens cogen power station at Lausward in Düsseldorf already achieved several world records in January 2016. As a result, the plant achieved an efficiency of approximately 61.5% and a record output of 603.8 MW. Follow this [link](#) to know more about it.

Lombardy Energy Cleantech Cluster

LE2C is organizing road shows and thematic seminars in several areas of the Lombardy Region. The first one on "Cleantech industry and internationalisation" was held in Legnano on May 26th whereas the second event will take place in Varese on the 27th of September with the title "The safeguarding of surface water bodies from sewage disposal. The Cluster actions in integrating research, industry and local governments". -

LE2C is supporting research and industry associated members in matching up for submitting project proposals linked to the regional RISS3 on energy. The new call launched by the Lombardy Region aims at setting up experimental strategic projects by means of public-private agreements. It will involve the triple helix relationships (university-industry-government) by carrying out long term research, development and innovation project actions assuring positive effects on the territorial competitiveness.

OREEC

OREEC invites all ICN members for a three stop bus ride! These circular study visits take place on the 24th August, and will allow you to take a deep dive into the value chain for mortgage bottles. Follow the [link](#) (in Norwegian) for more information. Participation is free but registration is required and deadline is on the 17th August.-

As already mentioned in the previous Zoom edition, OREEC will host a Circular Economy conference on the 13th September in Oslo,

with a focus on Circular Procurement and construction and demolition waste. The speakers' list includes experts from Norway, Sweden, Denmark and the UK. Check [here](#) for more information.

Renewable Energy Hamburg

EEHH will cooperate with the Canadian German Chamber of Industry and Commerce Inc. to prepare a "Canada Side Event" at the WindEnergy Hamburg 2016. The [fair](#) for wind energy will take place from the 27th until the 30th September with more than 80 participants.

Sustainable Business Hub Sweden

The Gothenburg municipality, one of SBH's partners, is organizing the [Electro Mobility in Smart Cities](#) conference. Some of the world's leading experts will be gathered to provide inspiration, increased knowledge and loads of insights regards the latest development in the electro mobility area. The two days' conference will take place on the 21-22 September.

Sustainable Business Hub has arranged a trip to Berlin for a small group of Swedish cleantech companies on 15th and 16th of September. The purpose is for the companies to meet Sjukhusen Charité and [German Heart Institute of Berlin](#) (DHZB). Roundtable discussions will take place between the companies and the hospital in order to find energy and environment solutions to

challenges that the hospital is currently facing. Click [here](#) for more information! -

Sustainable Business Hub will have its annual members' day – Cleantech Day on the 24th of November. This year's topic is Circular Economy. Take a look at the preliminary program in [here](#).

Tenerrdis

Tenerrdis 8th Members' meeting will take place on the 8th September 2016. In four years Tenerrdis has increased its size by more than 25% and now has more than 200 members. 36 organisations joined in 2016, in which 10 of these will make introduce themselves at that Members' meeting. -

The *Agence Française De L'environnement Et De L'énergie* (ADEME) SME Initiative consists on co-financing SMEs and start-ups innovative projects (under 4 renewable energy sectors). The purpose of the initiative is to accelerate development and implementation of methodologies, technologies, services and innovative solutions. Of 13 projects approved by Tenerrdis, 10 were selected for a total budget of € 4 million of which € 2 million were subsidies. -

Cluster Management Excellence: Tenerrdis is applying in 2016 for the Gold Label of ECEI. -

Call for Projects for Hydrogen Territories: Tenerrdis is actively involved in the submission of 15 projects across Auvergne

Rhone Alps Region. Project topics include mobility, power-to-methane, CHP applications. For more information, please contact: Ingrid.milcent@tenerrdis.fr -

The Energy Brokerage Event will take place in Lyon, on the 27th October. The event organized by the NCPs Energy from France, Italy, Germany and Spain will focus on Energy and NMBP. –

Tenerrdis will be coordinating the French Mission of the «Pôles énergie» in India from the 4th up to the 09th September and in Chile from the 7th up to the 11th November. Click [here](#) for more information. -

TWEED

The Summer Event at [Colruyt](#) was highly instructive and full of new insights! Check [here](#) to learn more about the results of the event about “Renewables & Hydrogen”. -

If you plan to go to the [Wind Energy Hamburg](#), don't forget to drop by TWEED's stand! The second edition of the global trade fair for wind energy will take place from the 27th until the 30th September. -

WallonHY is Tweed's a new project focused on Hydrogen. TWEED will do a mapping of players and develop a roadmap for H2 in Wallonia in Belgium. In the pilot phase TWEED will also support a new technology: a new generation electrodes and reactors for water electrolysis (innovation: new electrode geometries in 3-D, porous electrodes).

Americana 2017

- *Conference proposals*

Écotech Québec invites all ICN members to be part of the International Environmental Technology Trade Show and Conference by submitting your conference proposals by **September 5th, 2016**.

The conference will give preference to high-calibre international science and technology presentations dealing with current and major environmental issues for industrialized countries and the developing world. Priority will be given to presentations on socio-economic and environmental solutions, proven or little-known technological innovations as well as reinvented management approaches in line with the various themes listed [here](#). To answer this Call for Speakers, fill in this [application form](#).

- *Invite potential clients*

The government of Québec has reserved some funds to pay for the flights of potential clients that are interested in coming to Montreal to discover the cleantech offer at Americana. If you have some buyers in mind, Écotech Québec can provide you with an official invitation to validate their interest, and start the process with Québec government to see if they are eligible. Contact Amélie Bergeron-Vachon at abergeonvachon@ecotechquebec.com for more information.

GreenTec Awards 2017

In the GreenTec Awards 2017 context, we are pleased to let you know that handling fee of 200€ (normally charged to submit your idea, product etc.) will not be charged from applicants who are member of an ICN Cluster!

As you may know, ICN cooperates with GreenTec Awards in order to attract companies, start-ups, universities and to promote the event at an international level. Additionally Bernhard and Deni from Green Tech Cluster Styria will be part of the Jury on the event that will take place on the 12th May 2017 in Berlin. Based on that cooperation you just have to fill in the code "ICN" on the first page in the application form at the field Deviating billing address - Institution / Company.

The Green Tec Awards are the biggest award show in the world for innovative projects and products concerned with sustainability, green lifestyle and environmental protection. Especially award-winning companies can benefit from the huge marketing channels and partners the GreenTec Awards offers. There will be more than 3000 guests and 100 journalists at the event and it will also be broadcasted by the German tv channel Pro7. Check [here](#) (in German) for all the information about event!

Remember that the application period has started on **July 1th , 2016** and ends on **September 15th , 2016**.

| Date | Event | Theme(s) | Place | ICN participants |
|---|--|---|-----------------------|------------------|
| August 2016 | | | | |
| 24 th | <u>Circular Economy Study</u> | Understanding the value chain for mortgage bottles. | Akershus, Norway | OREEC |
| September 2016 | | | | |
| 7 th | <u>RTCC Annual Meeting</u> | Annual Meeting Featuring C40 Cities Simon Hansen | North Carolina, USA | RTCC and C40 |
| 8 th | <u>8^{ème} RENCONTRES D'ADHÉRENTS</u> | Tenerrdis members' meeting | Lyon, France | Tenerrdis |
| From the 11 th to 15 th | <u>International Mineral Processing Congress</u> | Promotion of scientific and technical knowledge in mineral processing and extractive metallurgy | Quebec, Canada | Ecotech Quebec |
| 13 th | <u>Circular Economy Conference</u> | Circular procurement and construction and demolition waste. | Oslo, Norway | OREEC |
| 21 st | <u>Clean Tech Atelier</u> | Greenness' of the Roadmap Next Economy | Rotterdam, Netherland | Clean Tech Delta |
| From the 26 th to 28 th | <u>Climate Chance: Climate Actors World Summit</u> | Climate Actors World Summit | Nantes, France | ICN |
| From the 27 th to 30 th | <u>WindEnergy Hamburg 2016</u> | Wind energy | Hamburg, Germany | EEHH and TWEED |
| October 2016 | | | | |
| From the 3 rd to 5 th | <u>Cleantech Venture Day</u> | Cleantech investor event | Lahti, Finland | - |

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|--|--|--|---------------------|----------------|
| <i>From the 17th to 18th</i> | 66th edition of the Canadian Chemical Engineering Conference | Chemical Engineering | Quebec, Canada | Écotech Québec |
| <i>From the 26th to 28th</i> | The Green Expo 2016 | Cooperation between clusters and SMEs both from Europe and Mexico. | Mexico City, Mexico | - |
| November 2016 | | | | |
| <i>From the 15th to 17th</i> | Smart City Expo World Congress | Smart City | Barcelona, Spain | CLEAN |
| <i>From the 7th to 18th</i> | COP22 | UN Climate Summit | Marrakesh, Morocco | ICN |
| 24 th | Cleantech Day | Sustainable Business Hub annual members' day. | Malmö, Sweden | SBH Sweden |
| <i>From the 30th to 2nd Dec.</i> | Sustainable City Development | Sustainability | Malmö, Sweden | SBH Sweden |
| March 2017 | | | | |
| <i>From the 8th to 10th</i> | ICN Annual Meeting 2017 (hosted by Tenerdis) | Be Positive | Lyon, France | ICN members |
| <i>From the 21st to 23rd</i> | Americana | Environmental Technology Trade Show and Conference | Montreal, Canada | Écotech Québec |