

DHC Days 2017: Local to Global Approaches for Innovative District Energy Solutions

INVITATION



Dear Sir/Madam,

On behalf of [CELSIUS](#), [Métropole de Lyon](#), the [United Nations Environment Programme's](#) (UNEP) [District Energy in Cities Initiative](#), and [DHC news](#), in collaboration with [AMORCE](#) and [SweHeat & Cooling](#), you are cordially invited to [DHC Days 2017: Local to Global Approaches for Innovative District Energy Solutions](#), a two day workshop on **February 21 & 22, 2017 in Lyon, France**.

For decades, the value of modern district energy systems has been recognised as crucial to reduce primary energy demand, integrating renewable energy, improving energy efficiency and attaining multiple environmental benefits. Despite these undeniable strengths, there are still clear disparities that need to be bridged between cities and countries in terms of district energy development. So how do cities, with state of the art district energy systems, continue to innovate, adapting to future trends and challenges, and how do cities with nascent district energy systems choose the right technologies that will allow them to leap forward with smart and sustainable long-term strategies? This workshop will build on these strengths and point to the next step in the development of smart district heating and cooling solutions, independent on the starting point.

During the event, participants will find a space where utility companies, district energy operators, software & hardware providers, public institutions, academics and European projects to meet and exchange on innovative solutions that could potentially allow district energy systems to carry us to a sustainable future of energy security and smart growth. It will include interactive round table sessions focused on **urban waste heat recovery, district cooling and bringing district energy to the digital era**. Additionally, organised matchmaking sessions will allow participants to meet specific contacts according to their needs and preferences. For more information, please see the preliminary agenda below.

To register [please click here](#). We kindly ask you to **register before February 10th, 2017**. We look forward to exchanging with you in Lyon on February 21 & 22!!

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PRELIMINARY AGENDA



Day 1: Tuesday February 21, 2017

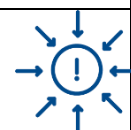
Venue: Métropole de Lyon Headquarters, 20 rue du Lac, Lyon, France

Moderator of the day: *Emilia Pisani*, Project officer for CELSIUS, Göteborg Energi*

08:30	Registration and welcome coffee	
09:00	<p><u>Welcome address</u></p> <ul style="list-style-type: none"> - <i>Katrina Folland</i>, Project Coordinator, Gothenburg City - <i>Lily Riahi</i>, Policy Advisor Energy Branch, United Nations Environmental Program (UNEP) - <i>Samia Belaziz</i>, VP for District Heating and Cooling, Lyon Métropole <p><u>District energy in France</u></p> <ul style="list-style-type: none"> - National challenges for DHC, what is at stake? <i>Nicolas Garnier</i>, Director of AMORCE - Promoting district energy development <i>David Canal</i> from ADEME 	
10:00	<p><u>Urban Waste Heat Recovery: residual heat at your doorstep</u></p> <p>Moderator: <i>Nicolas Garnier</i>, Director of AMORCE</p> <ul style="list-style-type: none"> - Integrating district energy networks to connect waste heat sources <i>Wouter Verhoeven</i>, Business Development Manager for Warmtebedrijf Rotterdam - Facilitating an increased recovery of urban excess heat: a world of possibilities <i>Kristina Lygnerud</i>, Senior Project Manager at the Swedish Environmental Institute (IVL) - Waste to energy - the triple benefit: space optimisation , electricity and heat <i>Fredric Pronchery</i>, municipal councillor for sustainable development and the environment, Municipality Belleville 	
11:00	<p>Coffee Break </p>	
11:15	<p><u>Session 1A: Negotiating & contracting with urban waste heat producers</u></p> <p>Moderator: <i>Kristina Lygnerud</i>, Senior Project Manager at the Swedish Environmental Institute (IVL)</p> <ul style="list-style-type: none"> - Unexpected business opportunities for the London Underground - Clever & innovative business models TBD - Connecting multiple actors: the Lyon experience <i>Camille Poulain-Viver</i> from Métropole de Lyon 	<p><u>Session 1B: Innovative solutions for urban waste treatment and heat recovery</u></p> <p>Moderator: <i>Wouter Verhoeven</i>, Business Development Manager for Warmtebedrijf Rotterdam*</p> <ul style="list-style-type: none"> - Micro waste heat recuperation <i>Christian Chefdeville</i>, Thermowatt - Intelligent heat exchangers for an efficient heat recovery & transfer <i>Mårten Ahlm</i> from Alfa Laval - The value of sewage water: the Oslo experience <i>Anders Westin</i>, Business developer for Hafslund Oslo

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12:30	Lunch Break	
13:30	Matchmaking: express networking	
13:30	<u>District Cooling: refreshing sustainable solutions</u> Moderator: <i>Michael Schack</i> , Director District Heating & Cooling, Cogenerations from ENGIE <ul style="list-style-type: none"> - The unexplored potential of district cooling - An unavoidable solution for a feverish planet <i>Ingo Wagner</i>, Policy Manager for Cooling EU of EuroHeat & Power - Cooling is the new heating: using waste heat for cool solutions 	
14:30	Coffee Break	
16:15	<u>Session 2A: End-user acceptance and adapted business models for district cooling</u> Moderator: <i>Ingo Wagner</i> , Policy Manager for Cooling EU of EuroHeat & Power <ul style="list-style-type: none"> - ROI of district cooling <i>Patrick Berardi</i> from Thassalia - Finding clients <i>Stéphane Montanari</i> from Enertherm - Using DH for comfort cooling Representative from Munters Belgium (tbc) - 	<u>Session 2B: DHC & The city - meeting the civil works challenges</u> Moderator: Representative from CELSIUS <ul style="list-style-type: none"> - Innovations in DC construction Representative from SPAC - Adapting the infrastructure <i>Gerald Campbell</i>, head of ELM – Dalkia - Protect your investment <i>Thibaut Mauron</i>, Mittel - Extend the life of your investment <i>Johan Persson</i>, HWQ (tbc)
17:30	Conclusions of day 1	
17:45	End of the Day	
18:00	Cocktail / dinner event	




Day 2: Wednesday February 22, 2017

Venue: Métropole de Lyon Headquarters, 20 rue du Lac, Lyon, France.

Moderator of the day: *Emilia Pisani*, Project officer for CELSIUS, Göteborg Energi*

09:00	<u>Bringing district energy to the digital era</u> Moderator: <i>Eymeric Lefort</i> , director of district energy networks, Métropole de Lyon <ul style="list-style-type: none"> - The latest developments of DHC in Europe - District energy innovations in asset management & integration with renewable power <i>Håkan Knutsson</i>, Chairman of the Board for the Swedish Board of District Heating (SweHeat&Cooling)
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	- Smart networks and the IoT	
10:00	Coffee Break	
10:15	<p><u>Session 3A: Necessary & secure solutions</u> Moderator: Representative from CELSIUS</p> <ul style="list-style-type: none"> - Growing cities with growing demands Representative from Heat Roadmap Europe* - Building networks for the future - Insurance options & risk management of DHC networks* Representative from if Insurance - Engaging end-users through smart apps and control Gunnar Åberg, Regin 	<p><u>Session 3B: Innovative 4th generation DHC solutions</u> Moderator: <i>Stéphane Ronteix</i>, Editor for DHC news</p> <ul style="list-style-type: none"> - Sunny solutions for 4GDH* <i>Maxime Viot</i> from Saavosolar Finland - Trends in distributed energy systems and heat conversion <i>Dr. Jochen Schäfer</i>, head of Research Group for Siemens Corporate - Smart systems with digital solutions <i>Jesse Skierszkan</i>, Account Manager of Osisoft - Connecting cities & energy systems <i>Björn Malmström</i> from Energy Opticon
11:30	Matchmaking: express networking	
12:30	Lunch	
13:30	<p><u>Snapshot around the world - best practices of innovative solutions</u> (15 - 20 minute presentation of original and innovative solutions from around the world)</p> <ul style="list-style-type: none"> - Connecting active ships to district heating <i>Patrik Arvsell</i>, Göteborg Energi & <i>Christer Frennfelt</i>, Swep - District energy in Latin America: the Chilean case - Multiple fuel management, finding the right mix for sustainable systems <i>Elise Legoff</i> from CCIAG 	
14:30	<p>Closing remarks</p> <div style="text-align: center;">  </div>	
15:00	<p>Site visits, Lyon (optional)</p> <ul style="list-style-type: none"> • Gerland waste incineration plant <ul style="list-style-type: none"> • Technical introduction to the plant + visit (linking to the first day) • La Fayette heating and cooling plant <ul style="list-style-type: none"> • Technical introduction to the plant + visit (linking to the first day) <p style="text-align: center;">**Limited to 30 participants per plant (two groups of 15)**</p>	

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PRACTICAL INFORMATION



Targeted audience	Representatives of cities, private companies, utility companies, energy policy officers & European projects interested in district heating and cooling solutions,
Date & Time	Tuesday February 21 st – 08:30 to 18:00 Wednesday February 22 nd - 09:00 to 15:00 & site visits 15:00 – 17:00
Location	Métropole de Lyon Headquarters 20 rue du Lac CP 69003, Lyon, France
Recommended hotels	
Fee	There is no registration fee concerning the workshop and there will be a limited amount of available places.
Registration guidelines	<u>To register please click here.</u> The registration deadline is February 10th, 2017. Please note that due to the limited amount of spaces, priority will be given to CELSIUS Member Cities & CELSIUS City Supporters, UNEP, SweHeat & Cooling and AMORCE affiliates.
Questions	Emilia Pisani, Göteborg Energi Phone: +46 72 586 29 60 Mail: emilia.pisani.castaneda@goteborgenergi.se Fabien Challeat, Métropole de Lyon Phone: +33 4 69 64 58 77 Mail: fchalleat@grandlyon.com Celia Martinez, UNEP Phone: +33 144374252 Mail: Celia.Martinez@unep.org

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Under the Honorary Presidency of
Gérard COLLOMB
Sénateur-Maire of Lyon
Président of Métropole de Lyon

Roland CRIMIER
Vice-président of Métropole de Lyon
in charge of Energy

Samia BELAZIZ
Councillor of Métropole de Lyon responsible
for renewable energies and district heating
and cooling

are pleased to invite you to

**DHC Days : Local to Global Approaches for
Innovative District Energy Solutions**

**Tuesday 21st of February 2017 from 8:30
Wednesday 22nd of February 2017 from 9:00**

Salle du Conseil - Hôtel de la Métropole
20 rue du Lac, Lyon, France

This event is brought to you by :



In collaboration with :



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