

**AUSTRIAN SMART CITY TECHNOLOGY DAY**  
- **SMART CITY & URBAN TECHNOLOGY WORKSHOP**

**INVITATION**

On behalf of the Austrian Federal Ministry for Transport, Innovation and Technology (bmvit), the Austrian Research Promotion Agency (FFG), ADVANTAGE AUSTRIA – Austrian Trade Commission Hong Kong, Austrian Technology Corporation (ATC), the Smart City Consortium (SCC) and Connected City Alliance (CCA), we would like to invite you to join the Austrian Smart City Technology Day – a very target smart city and urban technology workshop on Friday, Nov. 9 at the Hong Kong Club Building in which we would like to introduce you to best practise solutions from Austria for Hong Kong's Smart City and Urban Tech Challenges. The visiting Austrian experts will share their experience in the field of urban planning, water leakage, street cleaning and lamp posts with you and will suggest some solutions suitable for Hong Kong. The event will also enable a direct exchange and discussions. Please join us:

**Date:** Friday, Nov. 9, 2018

**Time:** 09:00 – 13:00 hrs

**Venue:** 1501-02; 15/F Hong Kong Club Building, 3A Chater Road, Central, Hong Kong

**Smart City Technology Experts:**

**Smart Urban Planning & Management Solutions**

1. Ms. Sandra Schneider, International Business Development, Austrian Institute of Technology (AIT)

**Smart Water & Water Leakage Detection Technologies, Water and Waste Water Solutions**

2. Mr. Diether Kohlenbrein, Sales Manager, MTA Messtechnik
3. Mr. Edmund Luksch, Managing Director, RTI Rohrtechnik International
4. Mr. Johann Gergela, CEO, GWT Wasser- und Wärmetechnik

**Smart Mobility, Street Cleaning Machine**

5. Mr. Christian Weinguny, Area General Manager, and Mr. Günther Hanns, Operational Manager, both: MUT/(also representing Hako)

**Smart Streets / Smart Lamp Post**

6. Mr. Alexander Meissner, CEO, Fonatsch

We look forward to your advice **by Friday, Nov 2, 2018** whether you could join the Austrian Technology Day. You can find the programme, speaker and organizer details in the annex. For more details and reply, please contact Ms. Yvonne Choi, Tel: +852 2522 2388, [hongkong@advantageaustria.org](mailto:hongkong@advantageaustria.org) or Victor Huang at [info@connected-city.org](mailto:info@connected-city.org)

Franz Roessler  
Austrian Trade Commissioner for  
Hong Kong and Macau

KF Tsang  
Chairman, IoT Committee  
Smart City Consortium

## **AUSTRIAN** SMART CITY TECHNOLOGY DAY

### **Background**

Smart city development can improve people's daily lives and make Hong Kong a more liveable city. The HK Government has released a Smart City Blueprint and plans to invest substantial amounts to push ahead with key infrastructure projects for smart city development.

Smart City Consortium (SCC) is a non-government and non-profit organization to facilitate the development of the smart city agenda in Hong Kong. On 26 January, 2016, the Hong Kong Smart City Consortium signed a Memorandum of Understanding (MOU) with the Austrian Technology Corporation in Hong Kong, witnessed by Mr Nicholas Yang, Secretary for Innovation and Technology, Dr. Claudia Reinprecht, Austrian Consul General in Hong Kong, and Ir. Allen Yeung, Government Chief Information Officer. Mr. Eric Yeung, Convener of Smart City Consortium, signed the document with Austrian Technology Corporation's Chief Executive Officer Tino Terraneo. The signing of the Memorandum of Understanding facilitates the Smart City information exchange between Austria and Hong Kong. Both, Austria and Hong Kong, can learn from each other's experience.

To support Hong Kong smart city development and enhance the closer collaboration between Austria and Hong Kong on the development of smart cities, bmvit, FFG, ADVANTAGE AUSTRIA, ATC and SCC work with Austrian and Hong Kong experts from a wide cross-section of smart city technology providers, consultants, research institutes and technology groups. Its vision is to empower industry to nurture the nation's competitive advantage through smart city technologies.

## AUSTRIAN SMART CITY TECHNOLOGY DAY

### Programme

<b>09:00 – 09:10</b>	<b>Welcome</b> Mr. Franz ROESSLER, Austrian Trade Commissioner Mr. Tino TERRANEO, CEO, Austrian Technology Corporation (ATC) Dr KF TSANG, Vice President, Smart City Consortium (SCC) Mr. Alexander UNKART, International Technology Cooperation, Austrian Federal Ministry for Transport, Innovation and Technology (bmvit)
<b>9:10- 9:30</b>	<b>Smart Urban Planning &amp; Management Solutions</b> Ms. Sandra SCHNEIDER, International Business Development, Austrian Institute of Technology (AIT)
<b>9:30 – 10:30</b>	<b>Smart Water &amp; Water Leakage Detection Technologies, Water and Waste Water Solutions</b>  Panel host: Dr. KF TSANG, Vice President, Smart City Consortium (SCC)  Mr. Diether KOHLENBREIN, Sales Manager, MTA Messtechnik Mr. Edmund LUKSCH, Managing Director, RTI Rohrtechnik International Mr. Johann GERGELA, CEO, GWT Wasser- und Wärmetechnik
<b>10:30-10:45</b>	<b>Coffee Break</b>
<b>10:45 – 11:15</b>	<b>Smart Waste &amp; Street Cleaning Machine</b> Mr. Christian WEINGUNY, Area General Manager, Mr. Günther HANNIS, Operational Manager, both: MUT/also representing Hako
<b>11:15 – 11:45</b>	<b>Smart Streets &amp; Smart Lamp Post</b> Mr. Alexander MEISSNER, CEO, Fonatsch
<b>11:45 – 12:00</b>	<b>Closing</b> Mr. Christian FREY, Head of Unit Business and Innovation, FFG Mr. Alexander UNKART, bmvit Mr. Tino TERRANEO, CEO, Austrian Technology Corporation (ATC) Mr. Clube NG, Chairman, Partnership & Industry Liaison SIG, SCC
<b>12:00 – 13:00</b>	Lunch

## AUSTRIAN SMART CITY TECHNOLOGY DAY

### SPEAKERS

## AIT AUSTRIAN INSTITUTE OF TECHNOLOGY



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Donau City Straße 1  
1220 Wien,  
Austria  
Sandra SCHNEIDER  
International Business Development  
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The AIT Austrian Institute of Technology takes a leading position in the Austrian innovation system and a key role in Europe and is one of Europe's leading research and technology organisations. focusing on the key infrastructure topics of the future.

AIT provides research and technological development to realize basic innovations for the next generation of infrastructure related technologies in the fields of Energy, Mobility Systems, Low-Emission Transport, Health & Bioresources, Digital Safety & Security, Vision, Automation & Control and Technology Experience.

AIT is an independent, urban know-how partner that develops cutting-edge urban management and planning solutions. They combine innovative processes with the latest digital planning tools using big data and Artificial Intelligence (AI). In addition to high-level research, consulting and capacity building services, AIT provides their clients with a global knowledge network and access to selected expert communities.

For more information please see:

<https://www.ait.ac.at/themen/smart-and-resilient-cities/>

And

<http://www.ait.ac.at/solutions/traffic-safety/traffic/ebe-smartbase>

*Sandra Schneider will share the new generation of AIT urban planning tools and methods (also applied in Singapore) with you. Also learn about their solutions to analyze and optimise pedestrian flows, count passengers and to automate data collection and processing for traffic management around construction sites.*

## MTA MESSTECHNIK



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Austria  
Diether KOHLENBREIN  
Sales Manager  
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W <http://www.mta-messtechnik.at>  
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MTA is one of the foremost companies in Austria in terms of solving practical problems in water distribution systems. As the water losses ranging from 20 to 50% caused by leaking pipes is highly underestimated, MTA decided to approach the matter in a different way. Through the development of the MTA PIPE INSPECTOR any defects in pressurized pipes with at least 10 cm diameter are detected immediately, without interrupting the water supply. Additionally, the overall aging process of the pipeline can be inspected by the device. For more info also check at <http://www.mta-messtechnik.at/mzga/leckortung/?lang=en>

MTA also invented the Air-Water-Jetting LW87, which works as an effective cleaning procedure without the use of chemicals or solids. Saving energy costs, documented measurement of cleaning degree and the improvement of valves operation can be seen as other advantages of the device.

For more information, please see:  
<http://www.mta-messtechnik.at/mzga/ueberuns/?lang=en>

*Hear about their newest  
cable-less multi-sensor in-  
pipe inspection system  
with integrated leakage-  
detection in pressurized  
pipes.*

## ***RTI ROHRTECHNIK INTERNATIONAL***



*RTI Rohrtechnik International*  
*Bruckbachweg 23*  
*4203 Altenberg,*  
*Austria*  
*Edmund LUKSCH*  
*Managing Director*  
*E [office@rti.eu](mailto:office@rti.eu)*  
*W <http://www.rti.eu>*  
*T +43 7230 8686 0*

RTI has a wide service portfolio, which not only includes the trenchless inspection and cleaning but also the repair and rehabilitation of all types of pipes as well as new pipe installations, container/tank rehabilitation, sanitary engineering and landfill construction services. Trenchless pipe rehabilitation has several benefits as the preservation of surface and underground infrastructure, minimal traffic disruption as well as low noise and dust pollution for neighbourhood residents. RTI therefore combines high cost efficiency with the protection of the environment due to CO<sub>2</sub> emission reduction. Because of that RTI is one's of the first one to call in case of problems related to defective gravity and pressure arise.

For more information, please see: [www.rti.eu/en/](http://www.rti.eu/en/)

*RTi knows Hong Kong from  
previous projects and  
wants to suggest modern  
European trenchless pipe  
rehabilitation  
technologies.*

## GWT WASSER- UND WÄRMETECHNIK



*GWT Wasser- und Wärmetechnik  
Hirtenbergstraße 1  
2544 Leobersdorf,  
Austria  
Johann GERGELA  
CEO  
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W <http://www.gwt.at>  
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GWT is one of Austria's most known companies in drinking and industrial water purification systems. With over 30 years of experience in engineering and construction of water treatment plants and technical heating systems, GWT has steadily grown into a full-service provider in the field of water treatment and is very well established in every technological segment.

For more information, please see:  
[www.gwt.at/en/wuw/](http://www.gwt.at/en/wuw/)

Get to know Austrian  
technology in drinking and  
industrial water  
purifications systems.

## MUT/DISTRIBUTION PARTNER FOR HAKO



*MUT/ Distribution Partner for HAKO*

*Schießstattgasse 49,*

*2000 Stockerau*

*Austria*

*Christian WEINGUNY*

*Area General Manager*

*Günther HANNIS*

*Operational Manager*

*E [office@m-u-t.at](mailto:office@m-u-t.at)*

*W <http://www.mut-austria.at>*

*T +43 2266 603-0*

MUT is an Austrian company, offering solutions in the field of conveying, sorting, treatment and utilization of waste as well as the treatment of water and waste water. Using the Hako Citymaster 2200, a compact, manoeuvrable street cleaning machine characterized by a maximum of flexibility, economic efficiency and safety regarding cleaning public areas MUT is trying to increase the living standards of a whole city.

MUT sets new standards in terms of street cleaning and offers an optimal result with simultaneously high economic efficiency.

For more information, please see: [www.mut-austria.at/en/](http://www.mut-austria.at/en/)

Hear M-U-T's proposals for  
waste collection and  
street cleaning in very  
dense urban areas like  
Hong Kong.



## FONATSCH

**mast have**  
BY FONATSCH

*Fonatsch  
Industriestraße 6  
3390 Melk,  
Austria  
Alexander MEISSNER  
CEO  
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W <http://www.ait.ac.at>  
T +43 2752 527 23-0*

Fonatsch is one of Austria's leading companies in the smart street business and develops lamp posts equipped with the latest light technologies. Mast have, their newest invention, provides a multifunctional supporting structure, which includes all features that correspond to the state of technology and thus also meet the requirements of the users. As features can be added to or modified at the supporting structure at any preferred time, the system is modularly expandable and therefore open for future innovative technology.

For more information, please see:

<https://www.masthavebyfonatsch.com/index.php/en/home/en>

Experience sharing from  
Austrian City Melk's Pilot  
Project equipped with  
smart lamp posts.

## **AUSTRIAN SMART CITY TECHNOLOGY DAY**

### **Organizers**

#### **The Austrian Federal Ministry for Transport, Innovation and Technology (bmvit)**

The Austrian Federal Ministry for Transport, Innovation and Technology (bmvit), Austria's "smart city" ministry, supports the Austrian economy and research in the development of new technologies, as well as in the introduction of innovative products and services to the market at home and abroad. Austria plays a leading role in European technology in numerous areas relating to intelligent cities. In cooperation with the Austrian Federal Economic Chamber, the bmvit published the industry information booklet FRESH VIEW on Smart Cities.

For more information please see:

[http://www.advantageaustria.org/zentral/publikationen/ae/157\\_Smart\\_Cities.pdf](http://www.advantageaustria.org/zentral/publikationen/ae/157_Smart_Cities.pdf)

#### **The Austrian Technology Corporation (ATC)**

In line with an initiative of the Austrian government the task of the Austrian Technology Corporation (ATC) is furthering the interests of Austrian technology providers abroad in order to implement an export drive. Closely linked to Austrian Federal Ministries, particularly the Federal Ministry for Transport, Innovation and Technology (bmvit), ATC unites important Austrian technology firms, export financing banks and operators and acts as coordinator, thereby allowing international customers to access know-how developed by industry and operators in Austria.

For more information please see: <http://www.atc.or.at/en/home/>

#### **The Austrian Research Promotion Agency FFG**

The Austrian Research Promotion Agency (FFG) is Austria's national funding agency for industrial research and development in Austria. The FFG supports Austrian research and university institutions, companies and other organisations in establishing and expanding cooperative relationships with international partners.

<https://www.ffg.at/en/content/about-ffg>

#### **ADVANTAGE AUSTRIA – Austrian Trade Commission Hong Kong**

The Austrian Trade Commission in Hong Kong belongs to Austria's official trade promotion organization ADVANTAGE AUSTRIA and is as such a reliable and trust-worthy provider of a broad range of intelligence and business development services for both Austrian companies and their international business partners. Services provided by ADVANTAGE AUSTRIA in Hong Kong range from introductions to Austrian companies looking for importers, distributors or agents to providing in-depth information on Austria as a business location and assistance in entering the Austrian market. ADVANTAGE AUSTRIA also organizes events and Austrian pavilions at leading trade shows to bring Austrian companies together with potential partners.

For more information please see: <http://www.advantageaustria.org/cn>

### **Smart City Consortium (SCC)**

The Smart City Consortium (SCC) is formed by a group of professionals from different corporations and organizations to provide opinions and suggestions to the Government for formulating related policies and standards in the development of Hong Kong as a world-class smart city. SCC encourages worldwide collaboration with different stakeholders to create the right ecosystem which fosters innovation and sustainable economic growth for Hong Kong.

For more information please see: <http://www.smartcity.org.hk>

### **Connected City Alliance (CCA)**

Connected City Alliance (CCA) is a non-profit organization dedicated to facilitate the utilization of the internet of things (IoT) and innovation technologies in city development as well as strengthening the city's capability of being better connected. CCA provides professional opinions to the government for policy formulating and is a close partner and collaborate with international professional bodies including IEEE to establish the IoT international standard which could significantly make contributions to the industry and economic development in the sectors of transportation, water management building transformation, environment management, and healthcare.

For more information please see: <http://connected-city.org/>