

# BELGIUM

at

## SMART CITY EXPO WORLD CONGRESS 2017



**14-16 Novembre 2017, Barcelona**  
**Hall 2 - Stand D423 - E523 - E520**



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## SMART CITY EXPO WORLD CONGRESS 2017



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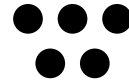
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**Wallonia.be**

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AWEX, partner of the international economic development of Wallonia.

The Wallonia Export-Investment Agency (AWEX) is in charge of the development and management of Wallonia's international economic relations.

With regards to foreign trade, the Agency has a promotion and information mission with regard to both the international and Walloon business community.

Intended for purchasers, decision-makers, importers and foreign prospects, the Agency can, on request:

- pass on economic data regarding Wallonia and its export potential;
- provide information on the products and services of Walloon businesses;
- seek Walloon businesses for the conclusion of international partnerships;
- distribute lists of Walloon exporters.

Vis-a-vis Walloon businesses, the Agency is their comprehensive international partner, providing a range of services and activities covering the entire export process:

- General and commercial information on foreign markets;
- Production of individual market studies on request;
- Organisation of commercial canvassing operations (participation in international shows, organisation of economic missions, sector-based contact days, etc.);
- Contacts with international organisations;
- Promotion of Wallonia and its export potential;
- Financial support and funding for exports;
- Training and raising awareness of international professions.

With regards to foreign investment, the Agency provides general expertise in the areas of promotion, prospecting and informing potential investors. It also ensures active monitoring of investors based in Wallonia, as well a mission to find foreign buyers for Walloon industrial sites in the process of restructuring.

AWEX is also competent for the strengthening of the Wallonia brand image overseas.

AWEX has a workforce of more than 400 people and about one hundred offices overseas.



## FLANDERS INVESTMENT AND TRADE

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The Flanders Investment & Trade agency promotes sustainable international business, in the interest of both Flanders-based companies and overseas enterprises.

Whatever sector you are involved in, Flanders Investment & Trade will help you establish contact with the Flemish companies you are looking for. This includes not only products or services you may be sourcing, but also various types of business relationships, from joint ventures to technology transfers.

At another level Flanders Investment & Trade enhances Flanders' position as the gateway to Europe for inward investors. The agency identifies, informs, advises and supports overseas enterprises by establishing production and research facilities, contact centers, headquarters, logistics operations and the like in Flanders, the northern region of Belgium. This broad focus on international entrepreneurship, involving outward trade as well as inward investments, requires not only a thorough knowledge of Flemish economy, but also an extensive network outside of Flanders. We have just that for you.

Do visit our website and discover our worldwide network. With over 75 offices we are bound to be conveniently located near you, wherever you are.

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BRUSSELS Invest & Export is the foreign trade and investment agency of the Brussels-Capital Region. It aims to promote the internationalization of the Brussels economy. Brussels is not only the Belgian and European capital, home of NATO and EU headquarters, but it is also a large business centre at the heart of the European market.

BRUSSELS Invest & Export assists Brussels' companies operating in foreign markets. More than ninety economic and trade commissioners across all continents provide free guidance to SMEs, target potential local prospects and partners, organize matchmaking events... Concrete initiatives in Brussels and abroad include trade missions, contact days, invitations of decision makers and collective stands at international trade fairs.

Brussels' exporters are listed in a database, [www.brussels-exporters.be](http://www.brussels-exporters.be), which can be accessed by all foreign companies searching for partners.

Another mission of BRUSSELS Invest & Export is to attract foreign companies to Brussels and to provide them with support, should they decide to locate their business in the Region. To enable investors to assess the benefits of establishing in the capital, BRUSSELS Invest & Export offers them a « Welcome Package » which includes equipped office space at no cost for a three-month period. To support the above mentioned activities, BRUSSELS Invest & Export has developed a trade counseling service to help companies individually with their internationalization process as well as a competitive and economic watch service to monitor and inform on international trends and opportunities.

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The Agence du Numérique (AdN) is a limited liability company under public law, set up at the initiative of the Walloon Government to contribute to the definition, implementation and monitoring of the Walloon public policies on digital information. The AdN is a subsidiary of the Agence pour l'Entreprise & l'Innovation (AEI).

Open, innovative and independent, AdN is a catalyst for the digital transformation of the region, a center of expertise and trusted advisor of the Walloon Government and Wallonia. AdN is responsible for implementing the digital strategy for Wallonia : Digital Wallonia.5





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The ICT platform for Wallonia.

Located at the heart of the ecosystem of initiatives and ICT stakeholders in Wallonia, Digital Wallonia is their place of convergence, expression and support.

Digital Wallonia is a true Hub, offering layers of customizable services activated on demand, in an open and participative model:

- Dynamic mapping of the ICT ecosystem. ICT profiles (companies, actors, innovative users), products and services, technology clusters, digital communities, ...
- Vision & digital uses. Plan for the digital by the Walloon Government. Technological, legal and economic watch, content and white books, barometer and ICT indicators, ...
- Services and Support. Online (data, API, calendar, ...) and physical, for the partners and all the stakeholders of the ICT ecosystem (schools, public services, companies, ...), according to the needs.
- Open Data. Hub for the Walloon Open Data, services for the public actors for the management and open data, ...

Digital Wallonia is powered by the Agence du Numérique (AdN), subsidiary of the Agence pour l'Entreprise et l'Innovation (AEI).





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INFOPOLE Cluster TIC is the business cluster that brings together and unites professionals from Information and Communication Technologies (ICT) in order to promote business and innovation through partnership.

Our ambition is to contribute to the implementation of a specific and original response to strengthen synergies and allow operators to better position themselves on the market.

Several application areas are the foundation of our actions : health (eHealth), intelligent transports (Intelligent Transport Systems), green technologies (ICT for Green), the public sector (eGov) but also the fields of activity that are rapidly changing such as the Internet of Things (IoT), the Serious Game, Big Data, Open Data, Transmedia, ...



**TWIST**



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TWIST (Walloon Technologies for Image, Sound and Text) is the business Cluster Cinema & Digital Media in Wallonia (BELGIUM) and is the main business cluster active in the sector of digital audiovisual and multimedia technologies in BELGIUM.

TWIST groups together 100 members (4,500 direct jobs) including 80% SMEs, 5 TV channels, 7 universities & research centres, 2 investments funds and the public authorities working within the media and audiovisual sectors. TWIST is mainly active on the markets related to the cinema, TV and rich media industries, with a focus on transmedia contents (immersive & interactive technologies, new business models and artistic challenges).



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Uniting startups with incubators & accelerators, startup communities, investors, entrepreneurial experts and public agencies, Startups.be is the one-stop-shop for Belgian tech entrepreneurship. The non-profit organization provides entrepreneurs easy & qualitative access to all of the supporting instruments, programs and activities throughout BELGIUM.

They can also effectively speed up their international market-entry of Belgian startups through the unique Go Global programs.



## **BEP (Enterprise Europe Network Wallonie)**

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The Enterprise Europe Network (EEN) offers support and advice to European SMEs, helping them to make the most of business opportunities in the EU. Launched in 2008 by the European Commission, EEN has branches in more than 60 countries and is supported by 600 partner organizations in and outside Europe.

Its 3000 experts help businesses to:

- grow and innovate,
- find business partners and new markets abroad,
- turn ideas into marketable products and profits,
- make the most of EU financing and funding, and research funding in particular.

Walloon SMEs can easily benefit from this substantial and accessible business and technology partnering network, thanks to 9 local organizations delivering support right to their doorstep.



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### **COMPANY BACKGROUND**

High design, eco sustainable developments, and Net Zero Energy feasibility studies. With its experience, PH expertise and large range of competences, A2M is the perfect partner to value your projects.

A2M team is composed of architects, engineer architects and thermal engineers. All trained specifically in the aspects of sustainable development, passive design, and particularly in natural light analysis as well as dynamic simulation.

These skills gathered under one roof enable us to combine the economic with the exemplary dimensions in each of our projects.

### **ADDED VALUE**

Although all our projects are passive - and for many Net Zero Energy, Exemplary Buildings, or Breeam - more than 50% are priced at an equivalent or lower cost than standard market prices.

A2M projects reach high standards with a pragmatism approach. A2M is specialized in feasibility studies for large scale developments.

Design approach, economic feasibility, high performance: the perfect combination to make a difference.

### **RANGE OF PRODUCTS**

- Architectural services: conception, follow-up of the construction site, realization;
- Advice: feasibility study, assistance to public decision-maker;
- Expertise: project ownership assistance, advice and orientation of projects;
- Training: for professionals or universities;
- Publications: articles and/or participation to publications, media production.

### **MAIN REFERENCES**

- Belgian embassy in Rabat
- Belgian embassy in Kinshasa
- Buildings in Lisbon, New-York, Seattle, France

### **CERTIFICATION**

- MIPIM Award 2016
- 19 prizes "Exemplar Building"





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#### **COMPANY BACKGROUND**

Accelleran was founded in December 2012 to meet the global need for high quality, carrier-grade, reliable 4G LTE software and design solutions to power networks delivering the next generation of mobile internet. The founding team are veterans of the wireless and small cell industry, working together since 2007.

#### **ADDED VALUE**

Accelleran's unique SW architecture is independent from any HW platform. MNOs and Neutral Hosts can leverage one LTE software solution for integrated small cells and for disaggregated & virtualised RAN networks to enable the Smart City connectivity infrastructure and new business and service models.

Accelleran participates in projects with Virtualisation, Network Slicing, Neutral Host and Cloud Computing and their application for Smart Cities. In 5GPP 5GCity it develops a distributed cloud & radio platform for 5G Neutral Hosts (Barcelona, Bristol and Lucca) to enable 5G Smart City use cases. Neutral Hosting, Internet of Things, VR/AR, V2X,.... are just a few of the services enabled with our Small Cell technology.

#### **RANGE OF PRODUCTS**

Our Mobile RAN software solutions for virtualised RAN deployments running in the cloud, local enterprise servers or city cabinet microservers enable 5G services already with 4G technology. Our E1000 Series LTE Small Cell product family is a cost-optimized, carrier-grade, performant and robust outdoor LTE eNB with very small form factor which makes it very suitable for concealed deployment in Smart City urban furniture.

#### **MAIN REFERENCES**

Accelleran has many deployments and ongoing operator trials worldwide for urban, enterprise, rural and remote Small Cell segments targeting a wide base of industries, applications and use cases.



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### **COMPANY BACKGROUND**

BHC is an IT Services company based in Mons (Wallonia - Belgium - Europe). Our wide range of ICT products and services aims to fit all professional needs including network setup support and maintenance, business applications, custom development, ERP integration and mobile technologies.

### **ADDED VALUE**

N°1 Odoo Partner in Belgium, we do offer the possibility to work with an existing software that can be adapted and customized to meet your business requirements. The software can also be available on mobile devices in order to allow mobile staff (salesmen, technical staff,...) to access their to do, tasks,... while they are on the way.

With extensive experience in implementing the Odoo software for a wide range of customers, BHC has developed a specific suite of products for smart city governance.

### **RANGE OF PRODUCTS**

Smart Governance solution: an innovative suite of integrated applications for public administrations. The solution is based on the Odoo ERP, which has been adapted and extended to fit the needs of public administration.

The solution includes the following features: Human resources management- Budgetary accounting -General accounting- Public buildings management- Road occupancy management- Site intervention management-Cemeteries management-Assemblies management- Public procurement- Grants management- Public website- Citizens portal- Citizens mobile app- Administration staff mobile- app IoT integration- "Itsme" secured authentication.

### **MAIN REFERENCES**

WWF, Air Liquide, Securitas, Sodexo, SparkMicroGrants, Salon EDUCATION, City Of Quaregnon, City of Charleroi, City of Liège, HEC Ecole de Gestion Liège, BX1 Bruxelles Télévision, Proximus, Yvolution.



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## **COMPANY BACKGROUND**

Beeodiversity assists companies and local authorities/cities to set up strategies and develop environmental projects generating added value for the environment, the partner and its stakeholders.

It combines a scientific expertise, innovative tools based on nature and environmental coaching techniques. Beeodiversity was founded in 2013 by Dr Bach Kim Nguyen amongst other entrepreneurs. The latter is a worldwide expert regarding biodiversity, bees, sustainable agriculture and an Ashoka Fellow. The company won several awards such as Chivas Venture in Belgium, Energy & Environment Award.

## **ADDED VALUE**

Beeodiversity carries-out innovative environmental projects that generate an added-value to its partners' activities. Thanks to its Beemonitoring tool, Beeodiversity can assess the state of the environment (pollution, pesticides, biodiversity linked to bees,...) of a city or of a large zone at a very low cost. It can then advise its partners (cities, architects, industrials,...) on environmental and/or urban farming solutions to be implemented. These solutions will be conceived with a scientific approach and in such a way that they have a positive effect on citizens, occupants of a building, employees and other stakeholders of the partner.

## **RANGE OF PRODUCTS**

- **Beemonitoring:** bees act as bio-indicators over 700ha to preserve the environment and strengthen the link with the partners' stakeholders. More specifically, via its bees, Beeodiversity can, on very large zones (e.g. cities), measure and analyze the pollution, the pesticides and their origin. It can also assess the state of the biodiversity and examine its nutritional quality. Based on the results, Beeodiversity can implement focused improvement actions.
- **Therapeutic Gardens:** Beeodiversity developed a specific garden that is scientifically proven to reduce stress & burn-out, improve workforce efficiency, improve the healing of diseases such as Alzheimer, Parkinson,...
- **Advisory for innovative environmental solutions and urban farming.**

## **MAIN REFERENCES**

Beemonitoring and implementation of environmental improvement actions for:

- the Region of Brussels, the city of Knokke-Heist, municipalities;
- industrial companies such as Suez, UCB,...
- architects and real estate companies in relation to major green building constructions, water producers and distributors such as Volvic, Spadel, Vivaqua, la CILE,...



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### **COMPANY BACKGROUND**

Cenaero is an applied research center providing to companies involved in a technology innovation process numerical simulation methods and tools to invent and design more competitive products. Cenaero is mainly active in the aerospace (in particular turbomachinery), process engineering, energy and building sectors. Cenaero operates a supercomputing infrastructure with 14,000 computing cores and experimental facilities in composite manufacturing and prototyping.

### **ADDED VALUE**

Cenaero's researchers provide expertise in multidisciplinary simulation, design and optimization in the fields of mechanics (fluid, structure, thermal and acoustics), manufacturing of metallic and composite structures as well as in analysis of in-service behavior of complex systems and life prediction.

### **RANGE OF PRODUCTS**

Cenaero provides engineering services in multidisciplinary simulation, design and optimization as well as software through its massively parallel multi-physics platform Argo and its design space exploration and optimization platform Minamo.

### **MAIN REFERENCES**

Cenaero is a research partner of Safran since 2007.

### **CERTIFICATIONS**

Cenaero is certified against the EN 9100:2009 and ISO 9001:2008 standards.





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### **COMPANY BACKGROUND**

CitizenLab is a Brussels-based SaaS startup in civic tech on a mission to build the digital infrastructure for local democracies. We empower citizens to have a direct say in the decision-making processes on the one hand, and help local governments take better informed decisions out of this civic data on the other hand.

### **ADDED VALUE**

The CitizenLab platform allows to reach out to more citizens by a factor of 3 times than by using traditional channels, reach out to younger citizens (50% of the users are younger than 35), to reach them faster with minimal efforts (city officials spend up to 75% less time in collecting and processing ideas), and reduces the “cost per engaged citizen”.

### **RANGE OF PRODUCTS**

On the CitizenLab participation platform, citizens post ideas, discuss them with each other and upvote the best ideas. The city uses CitizenLab to consult the opinion of citizens that were hard to reach before, increase its outreach and get insightful analytics on their local public participation. Our ready-to-use SaaS solution helps cities to tap into the collective intelligence of the citizens.

### **MAIN REFERENCES**

Today CitizenLab is present in almost 50 European municipalities, amongst which The Hague, Brussels, and Liège.



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## COMPANY BACKGROUND

Antwerp is the beating heart of the Flemish-Belgian economy. Its world port, the second largest in Europe, houses the continent's biggest integrated oil and chemical cluster. Additionally, Antwerp is the most important diamond trade center in the world, and Belgium's favorite retail location. The city is also much appreciated by expats for its top quality education, rich cultural life, diverse horeca scene, high quality healthcare etc. A solid economic base and groundbreaking innovative growth clusters, namely digital innovation and circular economy, attract a lot of new investors to Antwerp. The city is the perfect gateway to the European market and is open for business.

## ADDED VALUE

Digital innovation is an important pillar of the next economy in Antwerp, next to the circular economy. The city of Antwerp has adopted a radical approach to digital innovation in which partnering and matchmaking are the key elements. Over 350 startups thrive in more than 10 incubators, most of them private initiatives. One of these is the BlueHealth Innovation Center, an incubator for eHealth startups, which was initially founded by the City of Antwerp. The StartupVillage provides scale-ups with affordable office space and room for business meetings and events. StartupVillage 2.0, focused on Internet of Things, is being finalized. And Antwerp is about to become the largest Smart City Living Lab in Europe. Furthermore the city has the ambition to become the Capital of Things. The city, the Port of Antwerp, the University of Antwerp and the research centre imec, have joined forces in order to achieve this ambition. The Capital of Things will be a smart city that embraces eHealth, Industry 4.0, a smart port and circular economy.

## RANGE OF PRODUCTS OF ANTWERP: CAPITAL OF THINGS

1. Digital innovation with a focus on: eHealth, Smart logistics and mobility, E-commerce; IoT and artificial intelligence; Industry 4.0
2. Circular economy with a focus on: Renewable energy, Sustainable chemistry, Sustainable building, Waste & by-products
3. Smart City with a focus on: Governance, People, Mobility, Security, Energy & waste
4. Smart Port
5. Internet of Things: call for IoT House, IoT Convention, IoT Living Lab, IoT Postgraduate





## CITY OF GHENT



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### COMPANY BACKGROUND

With more than 257K inhabitants, Ghent is the 2nd largest city in Belgium. It offers a rare combination of an intimate compact city and the openness of a metropolis.

Ghent is the largest student city in Flanders and its university is ranked 69th on the Academic Ranking of World Universities. The young heart of the city boosts innovation and creativity, as reflected by its economy and commitment to the fields of biotech, cleantech, ICT, materials, logistics and health care.

### ADDED VALUE

As president of the EUROCITIES-network, the City of Ghent is at the heart of city policies on European level. Ghent is a strong advocate of 'smart citizens', highlighting that (co-creation processes with) citizens should be at the core of urban policy. This is reflected in our baseline 'Ghent, City of People' pointing out that smart cities need to be built not for the pleasure of technology, but for the people who will live in it.

### RANGE OF PRODUCTS

Responding to current social challenges and evolutions, Ghent is constantly and consciously reinventing itself. Starting from its own DNA and involving society at large and all stakeholders, Ghent is co-creating its vision of the future. To pursue this vision in a 'smart' (or as we say: 'wise') manner, we see technology as an 'enabler' in function of solutions for social challenges. In a 'City of People' it's the people who are cooperating and co-creating to make the city.







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### COMPANY BACKGROUND

CommuniThings is an enabler of Smart-City solutions, headquartered in Brussels. Founded in 2014, CommuniThings is a multi-technology provider of wireless Smart-Parking solutions, with extensive track record of LPWAN (Low Power Wide Access network) deployments across Europe. CommuniThings was among the first providers worldwide to launch commercial scale Smart-Parking solutions over LoRaWAN.

### ADDED VALUE

CommuniThings primary focus is on alleviating the congestion associated with lengthy searches for parking. We do so by first addressing each of the stakeholders in the city - and providing a tailored mobile application for commuters allowing guidance to available spots in real-time, a management dashboard for parking stewards, and reporting tools for better urban planning by the municipality.

### RANGE OF PRODUCTS

CommuniThings offering consists of:

- o Guidance to available spots for drivers via mobile app
- o Management dashboard to parking controllers
- o Statistics on usage patterns to municipalities
- o Dedicated zone offering
  - Disabled zones + EV Charging spots - parking guidance and authentication of eligible users
  - Shop & Drive solutions for increased rotation, and loyalty programs by retailers

### MAIN REFERENCES

COMMUNITHINGS IS PRESENT IN THE FOLLOWING CITIES:

- Shop & Go Solutions: Mons, Aarschot, Belgium
- Disabled Zones: Utrecht, Netherlands
- General availability: Mechelen, Belgium
- Availability + control: Middelkerke, Belgium
- Off-street parking: Leusden, Netherlands. Dimension-data - Belgium



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**COMPANY BACKGROUND**

DAPESCO was founded in 2002 and provides both Energy Management Services and Energy Monitoring Software.

The software solution, called JOOL, is a cloud-based Energy Monitoring and Information System. It collects information from multiple sources (meters, invoices, contracts etc), from multiple sites (including international customers) and serve multiple user profiles, such as technical and maintenance people, finance director or environmental consultants.

**ADDED VALUE**

Specifically designed for multiple site companies and groups of public actors (Communes, Cities...), JOOL allows to manage hundreds of buildings, with specific energy contracts, meters etc and provides benchmarking and Artificial Intelligence capabilities to determine Energy Saving Measure.

**RANGE OF PRODUCTS**

JOOL; Energy Monitoring Software

**MAIN REFERENCES**

City of Brussels, about 150 cities in Belgium, Cofely and Vinci in France, Casino and Auchan, airports, hospitals...

**CERTIFICATION**

IPMVP



## DIVERCITIES

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### COMPANY BACKGROUND

Based on experiences and solutions developed in France by 1D LAB, Divercities aims, from Brussels, to developing digital cultural resources in the EU territory, for public and private clients in digital shift contexts (focusing first on local belgian experimentations). This economical laboratory for alternative models works on collaborative processes of development and users centric dynamics.

### ADDED VALUE

Divercities provides a transmedia experience within independent catalogs and various devices to support emerging creators. Based on an innovating remuneration model for creators, Divercities offers a human editorialization and personalized recommendations through algorithms.

### RANGE OF PRODUCTS

Divercities has two main products to offer:

- the free mobile app called Divercities, designed as an alternative city guide as well as an innovative tool for urban and cultural modern communication,
- the Kiosk, which brings together several digital services, 1D touch, a fair streaming BtoBtoC platform with music and video games, and Munki, an app for kids.

### MAIN REFERENCES

Divercities already involved important partners such as ING, City of Brussels, the European Commission, Media Marketing, Point Culture, Impulse, Creatis, Hôtel BLOOM, Hôtel Marivaux and Walden Project.



## DSP VALLEY

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### COMPANY BACKGROUND

DSP Valley is a cluster organization active in the domain of digital technologies. DSP Valley is active in the cross-border region from Leuven in Belgium to Eindhoven in the Netherlands. DSP Valley was founded in 1996.

### ADDED VALUE

The mission of the DSP Valley is to improve the competitiveness and to accelerate the growth of its members by setting up activities and services which support:

1. Building emerging and cross-disciplinary value chains
2. Getting access to the international and global market
3. Getting access to the required resources: i.e. state of the art technology, expertise and funding

### RANGE OF PRODUCTS

DSP Valley organizes matchmaking and brokerage services, trade missions, workshops and brainstorm sessions. To support the internationalisation activities DSP Valley has developed a strong international orientation and is involved in several cross-regional and international initiatives, virtually enlarging the reach of the cluster to a European and even to a global scale.

### MAIN REFERENCES

DSP Valley currently counts 125 members from industry and academia. Furthermore DSP Valley is a leading partner in 2 EU partnerships: SmartCityTech and Silicon Europe.

### CERTIFICATION

SmartCityTech and Silicon Europe are recognized as European Strategic Cluster Partnership by the EU.





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#### **COMPANY BACKGROUND**

Energis NV/SA is an SME company located in Louvain-La-Neuve and Brussels in Belgium and in Caserta in Italy. It provides digital solutions such as Energis Cloud and Raspicy supporting the Rational Use of Energy in smart buildings, cities and mobility. Examples of end users are offices, schools, public administrations, hospitals, data centers, retail & industrial sites, cities.

#### **ADDED VALUE**

Energy efficiency is by far the cheapest energy resource and this realization drives investment in energy efficiency projects in private and public organizations. Using digital solutions in energy efficiency projects help boosting the reductions of energy consumptions, costs and CO2 emissions.

#### **RANGE OF PRODUCTS**

Energis Cloud is designed as a platform for energy experts and end users to work together. Energy experts have at their disposal a variety of tools for analysing, comparing and quantifying energy indicators and for creating a range of reports, dashboards and other deliverables that are then made available to end users, sending them information as soon as new results become available or alerts are detected.

#### **MAIN REFERENCES**

These projects are realised by ESCOs (Energy Service Companies) delivering energy services or other energy efficiency measures in end users' premises. Energis is internationally present at companies/organisations such as Veolia, EU Parliament, Helexia, Nethys Energy, Vinci Energies, Ingenium, Gas Natural, Tecno,

#### **CERTIFICATION**

The software is certified ICP (Investor Confidence Project). See <http://europe.eepperformance.org>  
The software supports IPMVP certification and ISO 50001 certification.





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## COMPANY BACKGROUND

EnergyVille is a collaboration between the Flemish research partners KU Leuven, VITO, imec and UHasselt in the field of sustainable energy and intelligent energy systems. Our researchers provide expertise to industry and public authorities on energy-efficient buildings and intelligent networks for a sustainable urban environment. This includes, for example, smart grids and advanced district heating and cooling.

## ADDED VALUE

EnergyVille focuses on innovative and integrated approaches to sustainability. EnergyVille develops and applies framework conditions to enable cities to smarten up. Collaborative innovation together with new governance concepts are core to EnergyVille's specific way to coordinate and integrate smart city stakeholders – cities, businesses, and research organizations – within the change process, and so to identify strengths, weaknesses, opportunities and threats. EnergyVille brings together these urban stakeholders in order to jointly experience and adapt their different perspectives, so that the process of becoming a smartly sustainable city can be mutually strengthened.

## RANGE OF PRODUCTS

In its research activities for projects such as STEP-UP, City-Zen and Ecodistr- ICT, the EnergyVille experts have built strong experiences in smart city research at local and European scale. As an example VITO initiated a Flemish network of smart cities and integrated this learning network into other European smart city networks. In addition VITO is active in technological innovations in the field of intelligent grids in urban context and is managing several living labs in this context.

## MAIN REFERENCES

STEP-UP-[https://eu-smartcities.eu/related\\_web/step-strategies-towards-energy-performance-and-urban-planning](https://eu-smartcities.eu/related_web/step-strategies-towards-energy-performance-and-urban-planning)

City-ZEN - <http://www.cityzen-smartcity.eu/>

Ecodistr-ICT - <https://ecodistr-ict.eu/>

City Portal - <http://www.energyville.be/en/sheet/city-portal-your-building-stock-repository>



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### **COMPANY BACKGROUND**

Online private neighbourhoodplatform that connects people living in the same neighbourhood. To connect them with each other, their local government and the local businesses in their neighbourhood (Without traditional advertising).

Active in Flanders (Belgium) and the Netherlands.

### **ADDED VALUE**

The unique combination of an online neighbourhoodplatform and a tool for the local government in one place. The local governments are using this tool to communicate, facilitate citizen participation and generate relevant data from and for all their neighbourhoods.

### **RANGE OF PRODUCTS**

2 Webplatforms: www.hoplr.com & services.hoplr.com

1 app: Hoplr for Android & IOS

### **MAIN REFERENCES**

City of Mechelen (Bart Somers, elected best mayor of the world year 2017)

City of Ghent





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### **COMPANY BACKGROUND**

Hydroscan was founded in 2003 and is, today, a world-leading expert in holistic, integrated solutions for more sustainable and cost-effective water management. We deliver preventive warning for water impacts and smart urban water solutions, based on our unique real-time alarm and modelling intelligence.

### **ADDED VALUE**

Main added values:

- Spectacular reduction of non-revenue water in water supply
- Cost-saving asset management
- More accurate and real-time flood forecasting
- More integrated sustainable urban drainage systems (SUDS)
- Smarter on-site water management

### **RANGE OF PRODUCTS**

Hydroscan offers smart water solutions in 4 different areas:

- Smart water supply - Focus on non-revenue water reduction
- Proactive urban drainage - Focus on cost-saving asset management, sustainable urban drainage system (SUDS), sewer and urban drainage modelling
- Flood and water resources - Focus on real-time flood prediction, flood risk management, sustainable surface water and groundwater systems
- Integrated on-site water management for industry, construction and building. For example, water impact assessment, reduction of water consumption, flood resilience and sustainable water management

### **MAIN REFERENCES**

- Ground-breaking leakage detection and reduction system for a water supply company - Farys Belgium
- Water supply and sewerage master plans for the whole of Bulgaria - Bulgarian Ministry of Regional Development
- Storm water and waste water management master plan - City of Limassol Cyprus
- Flanders-wide high resolution pluvial flood maps - Belgium
- Water audit and sustainable water management for an airport - Brussels Airport Belgium

### **CERTIFICATION**

Certified distributor of Innovyze software.

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### **COMPANY BACKGROUND**

Imec is the world-leading research and innovation hub in nanoelectronics and digital technologies. The combination of our leadership in microchip technology and software and ICT expertise is what makes us unique. By leveraging our world-class infrastructure and local and global ecosystem of partners across a multitude of industries, we create groundbreaking innovations for smart cities and mobility, logistics & manufacturing, healthcare, energy & education.

### **ADDED VALUE**

We drive the Internet of Things by developing innovative solutions for massive, heterogeneous sensor networks to connect billions of devices within high speed networks. Imec is a worldwide reference in the design of ultra-low power electronics, low-power algorithms, data security and next generation wireless communication. Within its City of Things initiative, imec is offering a testing ground where businesses can test and develop their smart city applications.



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## COMPANY BACKGROUND

Immeractive uses its technological expertise, Experiential Media and precise knowledge of the Real Estate market to offer communication and commercial solutions at every stage of Real Estate projects.

## ADDED VALUE

We incorporate the latest technologies to create immersive and interactive experiences, adding a new dimension to your projects from construction to sale and helping you maximize your return on investment.

## RANGE OF PRODUCTS

Immeractive offers support solutions in all stages of development of a building project, from the initial contact with public authorities for obtaining building permit until the sale:

<https://www.immeractive.com/en/#solutionsen>

## MAIN REFERENCES

You'll find most of our references at: <https://www.immeractive.com/en/#projects>



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#### **COMPANY BACKGROUND**

At Joyn we believe that local retail will grow by creating personal and authentic experiences through new technology that connect people with the city.

We keep the local commercial heart beating because a city without a commercial beating heart, is not a city. It's just a residence.

Joyn is a digital loyalty program to save up rewards with multiple merchants, via 1 simply scanning system. Each scan provides insights into customer's behaviors, making it possible to set up a marketing strategy and personalizing offers and promotions.

Merchants and cities are able to personalize their marketing strategy while measuring the results and improving conversion and retention rates.

Today 7,500 merchants and 40 Belgian cities offer over 37,500 rewards to 2 million users via Joyn.

#### **ADDED VALUE**

An application that contains a digital loyalty card, a reward system and a marketing tool. Merchants and cities are able to personalize their marketing strategy while measuring the results and improving conversion and retention rates.

#### **RANGE OF PRODUCTS**

A loyalty system, digital (app) or fysical (card) helps to improve the communication strategy. A unique reward system builds customer loyalty.

#### **MAIN REFERENCES**

Today, 7,500 merchants and 40 Belgian cities offer over 37,500 rewards to 2 milion users via Joyn.



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#### **COMPANY BACKGROUND**

Letsgocity has been created in October 2015 by Gilles de Stexhe and Pierre Labalue. We have been incubated by LeanSquare and VentureLab, the incubator of University of Liège. At the end of 2015, we did our first fundraising with two investors. In September 2016, after several months of analysis and development, we launched our product in Wallonia and moved into our own offices located in Liège.

#### **ADDED VALUE**

Letsgocity is the missing link between the local solutions (micro-services & local informations) of a region and the final user, the citizen. It represents an enormous amount of data created and distributed by local authorities and third party companies and institutes. We integrate local solutions to present a smart web & Cell Phone front-end to the citizen and ease the citizens life.

#### **RANGE OF PRODUCTS**

Letsgocity is the smart citizen companion. We distribute our tool as a website and a Cell Phone application that runs on iOS and Android. The citizen selects its favourite cities of Wallonia and then connects to its preferred micro-services and local informations so that Letsgocity gives to the citizens the informations they want when they want it.

#### **MAIN REFERENCES**

LetsGO City SPRL has partnered with three important companies of the Walloon ecosystem. Editions de l'Avenir, Commissariat Général au Tourisme and NRB Group.

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### **COMPANY BACKGROUND**

Locate in Limburg is the Inward Investment Promotion Agency (IIPA) for the Euregio province of Belgium-Limburg. We provide welcome support to foreign companies interested in establishing a presence in the heart of Europe.

### **INVEST IN EUROPE, LOCATE IN LIMBURG!**

### **ADDED VALUE**

As pioneers in the field of new technology, we are home to world class research centers, knowledge institutes and technology clusters as a Smart Region with cross-border Euregional interactions. New business is welcomed and supported by the flow of talent coming from our schools, universities and abroad, to work for high-performing companies across a range of cutting-edge sectors.

### **RANGE OF PRODUCTS**

Locate in Limburg coordinates and provides free-of-charge services towards;

- location enquiries and availability,
- tax and legal advisory,
- facilitate to funding
- match science and business talent.



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#### **COMPANY BACKGROUND**

Founded in 1999 by the Faculty of Engineering of the University of Mons and the Catholic University of Louvain, Multitel is a research center recognized by the Walloon Region. The main objective is to develop and support companies in their process of innovation in: Applied photonics, Network Engineering, Signal & Embedded Systems, Computer Vision, Railway Certification, and Smart Technologies.

#### **ADDED VALUE**

Recognized as a centre of excellence at the international level, Multitel develops and integrates emerging technologies in the industrial sector. Thanks to its diversified expertise fields, Multitel helps companies in their technological innovation projects, in the exploratory phase, the feasibility and the development.

#### **RANGE OF PRODUCTS**

IoT, Built-in intelligence, Embedded systems, Wireless Sensor Network, Intelligent Video Surveillance,

...

Some examples of ongoing projects:

- Smart Parking: availability of parking slots based on CCTV cameras and LoRa communication;
- Waste Management: LoRa sensor and optimization software for collection service providers.

#### **MAIN REFERENCES**

R&D projects and long-term partnership with 500+ Corporates, SME and start-ups.

[www.walecities.eu](http://www.walecities.eu)

[www.multitel.be/smartcities](http://www.multitel.be/smartcities)

#### **CERTIFICATION**

ISO 9001 and our Railway Certification department is ISO/CEI 17025.





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## **COMPANY BACKGROUND**

Rombit is an Internet of Things company dedicated to making cities futureproof through innovative products, end-to-end solutions and talented people. The Belgian company develops tailor-made solutions that closely integrate with your existing IT-infrastructure and assets, leading to more efficiency, transparency and usability.

## **ADDED VALUE**

Nobody likes endless paperwork. Requesting and managing public spaces or events should be easy, quick and failproof.

Rombit created Romcore™ Smart City, an easy and transparent request platform.

Thanks to the Romcore™ technology, the cloud platform can be implemented in a quick, scalable and GDPR-compliant way.

## **RANGE OF PRODUCTS**

Romcore™ Smart City is an end-to-end solution for public domain management, event management and asset management. It allows you to manage all requests from citizens, utility companies and other city-users in one, user-friendly cloud platform.

A\*Sign™, world's first mobile IoT traffic sign, is a unique digital sign for the management of temporary parking spaces in the public domain.

## **MAIN REFERENCES**

Antwerp, the largest city in Belgium, uses Romcore™ Smart City for the management and total automation of use of public domain. The number of regularizations and the revenue have tripled in less than a year.



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## **COMPANY BACKGROUND**

SettleMint is a Belgian based startup, and was incorporated in August last year by Matthew Van Niekerk and Roderik van der Veer. They met in 2013 while devising and developing Blockchain applications for KBC, a large Belgian financial institution. They very quickly realised that the promise of Blockchain technology far exceeded the boundaries of the financial world and would permeate industry and society entirely in the years to come.

## **ADDED VALUE**

We help organizations leverage the benefits of Blockchain technology: whether those enterprises are looking to improve efficiency, to extend their current products or to completely reinvent an existing business model by offering them our distributed middleware Mint.

Mint is a suite of software development kits and developer tools that enable any software developer to build Blockchain based applications. Mint encapsulates considerable R&D on the technical, operational and organizational aspects of Blockchain technology and packages this in easy to use software development kits that take away the complexity of Blockchain technology. These modular software development kits or SDKs contain the smart contract templates, API layers, micro services and browser components required to build full stack applications.

## **RANGE OF PRODUCTS**

Build your own blockchain app

The Mint middleware, or dAPI, is a zero-configuration smart gateway on top of your smart contracts. It makes working with Blockchain technologies easy for your IT team

## **MAIN REFERENCES**

Proximus, TO, Ateon, Islamic Development Bank, Bank AlJazira





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#### **COMPANY BACKGROUND**

Skylane Optics is a leading provider of transceivers for optical communication. We offer an extensive portfolio for the enterprise, access, and metropolitan fiber optical market as well as for Smarthome applications and home networks.  
We cover the European and South American market with a strong partner network and have offices in Belgium, Brazil, Sweden.

#### **ADDED VALUE**

Thanks to fiber, we are able to offer a solution for your broadband communication network. Indeed, with our many years of experience in the field of data transport outside the home, we are now able to support the need for broadband in homes, buildings and cities.  
We have our research and development center in Belgium, we are the editors of the standard smartcities of Etsi.

#### **RANGE OF PRODUCTS**

Skylane Optics supplies a new range of product that allows you to install a 1 Gbits network inside your house.

#### **MAIN REFERENCES**

free, Orange, SFR, Proximus , TeleSoniera, Tele2, Telia,...

#### **CERTIFICATION**

Skylane Optics transceivers are certified by TUV, CE, ROHS.





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### COMPANY BACKGROUND

Created in January 2015, the Smart City Institute is an academic institute dedicated to the thematic of smart cities. It was founded by an original partnership between:

- three private companies (Belfius, Proximus, Schröder et Strategy& (PwC)),
- a University and its Management School (HEC Liège),
- and Wallonia.

### ADDED VALUE

The mission of the Smart City Institute is to “contribute to the general development of smart cities by training future managers, developing research, entrepreneurship and innovation as well as facilitating sustainable value creation between actors of smart ecosystems thanks to networking and thanks to an access to multidisciplinary skills and to the most innovative technologies”.

### RANGE OF PRODUCTS

To tackle its mission, the Smart City Institute has developed three complementary activities:

- research,
- teaching and
- entrepreneurship.

The latter are supported by transversal activities of awareness.

From its beginning, a real national and international perspective has been given to the activities led by the Smart City Institute.



## SMART CITY VIRTUAL EXPO (by ExpoPolis)



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### SMART CITY VIRTUAL EXPO

The international Smart City Portal with a virtual Expo and a Network Community  
The Smart City Virtual Expo puts decision-makers from Cities and Administrations in touch with major Urban Infrastructure Suppliers.

### WORLD SMART COMMUNITY

Unique Meet & Exchange place for exhibitors & visitors  
Exchange about innovative concepts and current technologies for sustainable, safe and smart urban development.  
The only place where Visitors can also network with Visitors !

The idea for the virtual expo came from the explosive growth of the smart city community. As more cities around the globe introduce smart city tech, and more conferences are developed to connect the individuals involved in this movement, it becomes cost prohibitive and too time consuming for city officials to attend every event.

[www.SmartCityVirtualExpo.com](http://www.SmartCityVirtualExpo.com) is organised by ExpoPolis:

### COMPANY BACKGROUND

The ExpoPolis solution is a modular and integrated system to meet all the organizational needs of virtual fairs and events.

As a forerunner in this field and having extensive experience, ExpoPolis has developed a software for the organization of a temporary or permanent event, specific to each industry.

### ADDED VALUE

Experience based solution.

Flexible customization possibilities.

More than 2500 companies already participated at a fair using the ExpoPolis software.

4 languages (UK,FR,D,NL) - possibility to add more languages.

Unique solution due to an expanded backoffice.



## SMARTNODES



**Smartnodes**  
SMART CITIES THROUGH SMART LIGHTING

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### COMPANY BACKGROUND

SmartNodes is a technology company specialised in the development and sale of innovative dynamic outdoor lighting and public spaces solutions.

### ADDED VALUE

Smartnodes solutions optimise the management of public lighting network and pave the way for Smart Cities. By offering public lighting "on demand" (i.e. only in the presence of road users), Smartnodes can achieve up to 80% energy savings while guaranteeing visual comfort and user safety.

For better mobility and safety management, scalable technology allows, among other things, the measurement of traffic density, user speeds or control of traffic signs. Thanks to Smartnodes solutions and the integration of environmental, acoustic and parking sensors, the public lighting network in today's cities becomes the driving force behind tomorrow's Smart City networks.

### RANGE OF PRODUCTS

SLN-G3-R1-SPxx node devices

SLP-G3-R1-xW-x power unit devices

APS-G2-x gateway devices

### MAIN REFERENCES

Example of a SmartNodes installation in a residential area (400 houses and 250 luminaries) in Wavre (Belgium): <http://www.smartnodes.be/video/WavreEG.mp4> (Belgium Belfius Smart City Award 2017).

### CERTIFICATION

CE (EN55015, EN300328, EN60950, RoHS), IK08, IP67, EN13201



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#### **COMPANY BACKGROUND**

Thingsplay is a start-up company created in July 2014 with the aim to make agile and innovative technological tools available to industries in the context of the Internet of Things. After a few years in research and development, Thingsplay has developed technological solutions and a connected devices computer management platform. This platform integrates an Asset Management Solution for IOT.

#### **ADDED VALUE**

Industry has for a long time been using traditional data gathering systems. Solutions were developed with the goal of providing tools to control and automatically pilot production lines. We offer non-invasive, non-intrusive, low-cost solutions which are superimposed on existing solutions to take measurements directly on production lines and devices with an MQTT/MODBUS gateway.

#### **RANGE OF PRODUCTS**

Thingsplay provide 4 products:

- a) An asset management platform with realtime database
- b) A MODBUS-M-BUS to MQTT industry gateway
- c) An air quality controller
- d) A Track&Trace device

#### **MAIN REFERENCES**

Thingsplay is working for different industries in Europe like Stuv, Airria, HexagoneR. We are providing for those clients a full set of data solutions through Wifi, GSM, Sigfox connections.





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### **COMPANY BACKGROUND**

TomorrowLab is a global consultancy agency in smart city strategies, scenarioplanning and innovation management. We act as a neutral facilitator/catalyst within your city or organization. We build future visions, turn them into a 5 year roadmap. As a trusted coordinator we connect your cities with the right partners to develop pilots during the whole implementation process. TomorrowLab turns visions into action.

### **ADDED VALUE**

More than 40 cities rely on our 25+ years of experience in innovation and strategy to action. Our insights stress-test plans develop future city strategies. We connect them with the right research and implementation partners to turn these visions into pilots and real-life implementations. As a non-profit organization we help them avoid a lock-in of a closed solution and assure alignment with their smart city strategy.

### **RANGE OF PRODUCTS**

- STRATEGY: Foresight 360° program: a personalized future vision for cities or organizations.
- NEED DETECTION: City scan for (future) needs and translation into a priority actionlist. Optional: ISO compliant dashboard to allow global comparison.
- STAKEHOLDERS: Ecosystem mapping: connect, align and engage stakeholders and pilot partners.
- INMOTION: « start-to-pilot »: we search and connect partners for implementation, define the scope and manage the process

### **MAIN REFERENCES**

We work for individual Smart Cities and coordinate Europe's largest smart city region S.LIM (44 cities). We support +100 corporates (P&G, DHL,...) and public organizations such as De Lijn (Transport).

### **CERTIFICATION**

TomorrowLab scans cities, regions and corporations on innovation fitness with the World Council City Data. These scans are approved by the ISO institute (ISO37120) and assess more than 90 metrics. It allows benchmark internationally and track progress.





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### COMPANY BACKGROUND

WR Citizens is made of virtual reality specialists, web developers and designers. It was born on an idea to provide solution to architects and cities on projects to be evaluated by citizens. The project of the group won the first place at the Hackathon citizens of Wallonia in Mons (Belgium), now transforming in startup.

### ADDED VALUE

Answers the needs of architects, urbanists, cities and real estate project managers  
3D visualization of architecture  
Real time  
Online, web based solution  
Intuitive navigation  
Qualified votes and comments by users

### RANGE OF PRODUCTS

Web-based VR solution for evaluation and vote of architectural/city projects by citizens for architects, urban planners, real estate companies and cities administrations.

### MAIN REFERENCES

1st place Hackathon Citizens of Wallonia (Belgium)





EXPORT  
INVESTMENT

digital  
wallonia  
.be

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