



**Johanneberg  
Science Park**



# Johanneberg Science Park

Annual Report 2016

# The year in brief

Johanneberg Science Park was founded in 2010 and thus far has attracted thirteen partners to the company. Our partners are companies and organisations with interests in our focus areas of urban planning, energy, materials technology and nanotechnology. Together we create contact points between the worlds of academia and business which provide opportunities to promote knowledge-based, sustainable growth in the region. The operation has resulted in a large number of interesting projects.

## Developing the area

Occupation of the new buildings has proceeded during 2016. Around 30 places are still available for letting on the “cooperation floor”, otherwise, the building is full. Detailed planning for a further 420 office places for the next stage within the framework of Johanneberg Science Park is under way together with Akademiska Hus. Several of our collaborative projects are contributing directly to the development of the area, together with the participation of Chalmers; HSB Living Lab, Riksbyggen Positive Footprint Housing, AllAgeHub, FED - the Fossil free Energy District and ElectriCity are a few notable examples.

## A selection of our activities;

### AllAgeHub

Johanneberg Science Parks and GR's work to set up a development and innovation centre for the living environment, accessibility and welfare technology entered an intensive phase during 2016. With financing in place from 11 GR municipalities and Vinnova, the centre started operations on 2017-01-01. A collaboration with a total of 24 actors from the West of Sweden within academia, the public sector, civil society and trade and industry. **Climate KIC** - As a partner, we have arranged a workshop within the Smart Sustainable District project surrounding data and typologies, and also contributed expertise in Helsinki. Together with Chalmers, a project surrounding development of tools for surface water has been in progress, including two workshops for climate-smart management of surface water.

### Collaborative Innovation

We know that collaboration is the key to success. The trick is how - and to have the courage to co-create and develop a route to obtain the greatest effect and to produce the best possible conditions for new thinking and innovation. New funds from Vinnova are providing us with the opportunity to enter more deeply into the subject and develop our shared abilities in a new collaborative project.

### ElectriCity bus stop

Johanneberg Science Park has linked the major collaborative projects Tysta Offentliga Rum/TOR (Quiet Public Spaces),

which establishes spaces in the city centre where noise is suppressed, and ElectriCity, where industry, research and society develop and test solutions for tomorrow's sustainable public transport. One of the results is the emergence of the quiet bus stop on ElectriCity's bus route. Johanneberg Science Park has conducted a project with the aim of installing a book exchange stand in the bus stop place in order to disseminate knowledge, encourage social interaction and contribute to sustainable urban development.

### FED - Fossil free Energy District

The EU wants to give Europe's cities the chance to test innovative new solutions for challenges such as migration and energy. The City of Gothenburg's application was selected in strong competition. The project will test new ways in which to use energy and hopefully get started in Gothenburg early next year. Johanneberg Science Park has the coordinatory role for the project on behalf of the City of Gothenburg.

### HSB Living Lab

The inauguration was in September. Research is under way on further projects.

**HSB Digital Challenge**, an initiative from Johanneberg Science Park, was awarded planning funds for "Innovation competitions for environmental technology in test beds". We are project managers in applying for funds together with Chalmers and HSB for intelligent and innovative digital services for the housing sector.

### M-Commerce

Johanneberg Science Park and the M-commerce project offered a course to make it easier for small and medium-sized businesses to become more effective in their E-commerce.

### Positive Footprint Housing

Construction of Riksbyggen's Brf Viva started in 2016, a stone's throw from Johanneberg Science Park. A result of several years' research and collaboration within Riksbyggen's sustainability project.

**The electric bus batteries** from the new electric bus line 55 are being reused for solar energy in Riksbyggen's Brf Viva, thereby creating a new development project. Göteborg Energi, Riksbyggen, Volvo and Johanneberg Science Park will be investigating storage of electricity using electric bus batteries in homes, which have their own electricity production from solar cells.

### Smart Cities

Johanneberg Science Park intensified its collaboration with the City of Gothenburg to push through joint EU applications for sustainable urban development. We are coordinating work for the City of Gothenburg in two applications, and are also performing the coordinatory role for the city in a potential implementation stage; SCORE and IRIS.



### SME activities

Industrial Dynamics is a network projekt to boost SME companies' competitiveness. We had contact with 100 or so companies with impetus and potential, which were assisted in deriving benefit from new knowledge and expertise. Johanneberg Science Park's SME-network was established during the year. Members are invited to participate in seminars, make contacts and share experiences or participate in projects. Our aim is to strengthen companies and create more jobs in the region. 24 November was the date for the ceremonial opening of the network, with 130 members attending. The number of SME businesses which spontaneously contact us with ideas and enterprises is steadily increasing.

### Sustainable business models

Johanneberg Science Park has led the collaboration with the participation of a number of small, medium-sized and large businesses in a unique pilot scheme to refine their business models in the face of an uncertain future characterised by sustainability challenges.

### Transnational Living Lab for Active Ageing

Together with Johanneberg Science Park, Linnaeus University has been granted research funding from Vinnova to develop and test social innovations which address the needs and opportunities linked to an ageing population, in conjunction with the University of Tokyo, Japan. Johanneberg Science Park's role is to incorporate the commercial perspective and to work on aspects such as implementation of services and solutions of a social and technical character. The work is being performed in collaboration with AllAgeHub

### Visualisation network

Johanneberg Science Park has initiated the network, which coordinates activities surrounding simulation and visualisation of data which are in progress within the field. Research projects have been defined and received financing from Formas, and the group is also producing proposals for how digitalisation can become a natural part of the physical environment.

### The West Sweden Chemicals and Materials Cluster

2016 was Johanneberg Science Park's first year as new host for the West Sweden Chemicals and Material Cluster. A collaboration between 25 parties from academia, commerce and the public sector for fossil independence.

### Event

We started our activities for 2016 in the building with the aim of acquainting ourselves with each other's expertise, getting to know each other and building networks in order to find forms of collaboration in our everyday work. We arranged 18 breakfast seminars and 12 seminars for small and medium-sized businesses. In addition to that, there were a large number of project-related activities for trade and industry, community bodies and the academic world. We regularly receive study visits, national and international, which want to view the environment and obtain further information.



### Turnover thousand

SEK 22,400

Revenues come from our partners, project funds and the property owners, Chalmersfastigheter and Akademiska Hus, as well as from Västra Götaland region. The number of shares is dependent upon the number of owners, which totalled 13 in 2016. The two biggest owners, the City of Gothenburg and Chalmers University of Technology, each hold 1,000 shares, while the next seven biggest owners in 2016 had 90 shares each, and the remaining four, 10 shares each.

### Employees

16

In 2016, Johanneberg Science Park AB had a total of 16 employees of whom 9 were women and 5 men. Equality is an important aspect in sustainable growth, and we seek to achieve the best gender balance possible, not only in the projects we run but also among our employees.

### Partnership trends

1

In 2016, Mölndala Fastighets AB joined the owners, with the necessary drive for us to jointly tackle tomorrow's urban development challenges. This meant increased shareholder contributions. This has enabled more projects to be implemented.

### Event - visits

2,194

Owners, partners and collaborating companies participate with their know-how, research and innovation at breakfast meetings, seminars and training courses. There are many opportunities for networking and making new connections with academia, commerce and the community. In 2016, we had 2,194 visitors.



# Partners



Göteborgs  
Stad

**CHALMERS**



**BENGT  
DAHLGREN**



**Göteborg Energi**



HSB – där möjligheterna bor



**MÖLNDALA**  
FASTIGHETS AB

**PEAB**  
NORDENS SAMHÄLLSBYGGARE



**Riksbyggen**

**SKANSKA**



**TYRÉNS**

**VOLVO**

**Wallenstam**

**white**



CHALMERSFASTIGHETER



AKADEMISKA HUS

# Financiers



EUROPEISKA  
UNIONEN  
Europeiska  
regionala  
utvecklingsfonden



VÄSTRA  
GÖTALANDSREGIONEN