

## nanoFlowcell seeks up to 500,000 square metres of industrial land for pilot facility

- Pilot facility for the QUANT-City innovation centre to be established within Europe
- nanoFlowcell Holdings wishes to complete search for suitable land in first half of 2018
- nanoFlowcell flow cell technology becomes ready for the market

*Zurich, April 2018* -- Research and development company nanoFlowcell Holdings is seeking to build a pilot facility in Europe for production of its nanoFlowcell technology and the complementary bi-ION electrolytes as well as the associated application technology. nanoFlowcell Holdings has already entered into discussions with individual local authorities relating to the acquisition of potential industrial land but is continuing its search for possible locations. The company has not yet decided upon a location for the innovation centre.

Nunzio La Vecchia, Chief Executive Officer for nanoFlowcell Holdings Ltd, says: "We have achieved a laboratory breakthrough in our bi-ION research that has prepared the way for mass production of the electrolytes - which is a key prerequisite for the market success of our flow cell technology. Supported by investors, we will now build a pilot facility replicating the entire value-creation cycle of our technology. It will serve as a blueprint for further innovation centres for our nanoFlowcell technology to be established worldwide."

The innovation centre - known internally as QUANT-City - will encompass research into a diverse range of mobile and stationary applications, a

production facility for the nanoFlowcell itself, its membrane and the complementary bi-ION electrolytes. Pilot production of prototype applications is also planned. This will initially take the form of CKD (complete knock down) production of the QUANTiNO 48VOLT and QUANT 48VOLT vehicles and of stationary generators for off-grid energy supply.

The QUANT-City pilot project will also replicate the necessary wide-ranging services - from complete supply and disposal management to logistics services to engineering and facility management. The experience with this project, from planning to operating the facility, will aid the development and implementation of plug & play facilities for other international locations.

An innovation centre of this nature will require a workforce of around 250 to 350, composed largely of developers, engineers and technicians.

nanoFlowcell Holdings already has secured the investment for establishing a pilot facility of this nature. The capital employed will be raised entirely by the company itself.

### **Call to local authorities**

"Given the realities of Swiss geography, it is no easy undertaking to find industrial land on a scale of between 380,000 and 500,000 square metres here in Switzerland that also fulfils the requirements for building QUANT-City. We have established in the past that suitable land does exist, but it fell down on the local constraints for integrated chemical production or on logistical requirements. We are thus expanding our search to include other European countries and invite local authorities in possession of industrial land suitable for our innovation centre to come forward. We would be happy to work together with them to conduct a first suitability evaluation."

Proposals related to nanoFlowcell Holdings' search for suitable industrial land

should be addressed to [ir@nanoFlowcell.com](mailto:ir@nanoFlowcell.com).

**nanoFlowcell Holdings Ltd** is an innovative research and development company operating in the field of flow cell technology and its applications. Besides prototype development of electric vehicles under the QUANT brand, the company also conducts research into opportunities for mobile and stationary application of the nanoFlowcell® technology in other sectors and industries.

**nanoFlowcell®** is the product brand used by nanoFlowcell Holdings Ltd for its proprietary flow-cell based energy technology. To store and convert energy, the nanoFlowcell® needs only a non-toxic, non-flammable and sustainably producible electrolyte liquid developed by the company and known by the brand name **bi-ION**. A nanoFlowcell® flow cell is not charged like conventional batteries at electric charging stations but is instead filled up with bi-ION. Similar to vehicles with internal combustion engines, the size of the tank is scalable and ultimately determines the energy available.

Under the **QUANT** brand, nanoFlowcell Holdings Ltd develops prototype vehicles for the purpose of testing the nanoFlowcell® 48VOLT flow cell technologies. In recent months, the company has demonstrated the potential of an electric vehicle powered by nanoFlowcell®, primarily with its **QUANTiNO 48VOLT** technology showcase, a road-legal mid-size sports car with nanoFlowcell® 48VOLT low-voltage drive that enables a range upwards of 1,000 kilometres on electric power alone – with a top speed of 200 km/h and acceleration from zero to 100 km/h lower than five seconds.

In short, **QUANT powered by nanoFlowcell®** stands for environmentally compatible and sustainable electric mobility with no compromise in comfort, inherent safety, performance or cost.

For further information on nanoFlowcell Holdings Ltd, nanoFlowcell® technology or the QUANT technology showcases, visit <http://www.nanoflowcell.com>.