

## SGX Sensortech SA

### Short description:

SGX Sensortech SA (ex MicroChemical Systems SA) is a company specialized in gas sensor development and production. Since 2001, the Swiss based company has established its reputation in the automotive market as a provider of semiconductor gas sensors. Building upon its strong knowledge of the AQS (Air Quality Sensor) function, SGX now offers complete AQS solutions to both HVAC manufacturers and OEMs. SGX is an experienced partner for mass production at low cost. In the past, SGX (MiCS) contributed to the development of innovative micro-nano-structured gas sensors within the EU projects NanoSensoFlex (Growth) and CleanRcab (Growth Transport). The company is also active in the COST action EuNetAir (TD1105).

### Partnership / cooperation possibilities:

The company is primarily looking for new partnerships, which will help to lower the energy demand of the semiconductor gas sensors. This includes may include new material, design and/or operation scheme, which will lead to potentially mass manufactured products. The high interest is also in the in the miniaturized systems for particle analysis. The cooperation is also sought for wider integration in the building HVAC systems and for pilot installations of existing products for indoor air quality. Foreseen partnership could include research groups, device and system manufacturers, building technologists and public bodies (e.g. municipalities).

### Possible H2020 calls (2016-2017):

EEB-03-2016:	Integration of advanced technologies for heating and cooling at building and district level
PILOTS-01-2016:	Pilot lines for manufacturing of materials with customized thermal/electrical conductivity properties
ICT-03-2016:	SSI - Smart System Integration
ICT-26-2016:	System abilities, development and pilot installations
NMBP-04-2017:	Architected /Advanced material concepts for intelligent bulk material structures
EEB-07-2017:	Integration of energy harvesting at building and district level
PILOTS-04-2017:	Pilot Lines for 3D printed and/or injection moulded polymeric or ceramic microfluidic MEMS
PILOTS-05-2017:	Paper-based electronics
ICT-04-2017:	Smart Anything Everywhere Initiative

EUB-02-2017 (Brazil):IoT Pilots

& various calls from: Factories of the futures and Sustainable Process Industries

### Contacts:

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