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## CLEEN Oy launches a 50M€ research programme on environmental monitoring

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Helsinki, Finland, July 5, 2010 - The Strategic Centre for Science, Technology and Innovation for Energy and Environment, CLEEN Oy, launches an ambitious 50 M€ research programme for five years on environmental monitoring and services. The programme has been developed and is executed by a wide cross-functional consortium including the leading technology providers and research institutes, with Vaisala Oyj as the largest industry contributor.

The Measurement, Monitoring and Environmental Assessment (MMEA) - programme will create new tools, standards and methods for environmental measurement, monitoring and decision support. The programme promotes new applications and services based on environmental data to improve the energy and material efficiency of infrastructures and industrial processes. The programme combines development of new measurement technologies, data quality assurance methods, modeling and forecasting tools and information and communication technology (ICT) infrastructure needed to create the integrated environmental observation networks and environmental decision support systems of the future. An important part of the programme is the MMEA Testbed, which will integrate data from several environmental measurement networks in a portal to be analyzed, modeled and used as raw material for the new environmental services. MMEA Testbed will be developed in close cooperation with TIVIT Oy, the Strategic Centre for ICT.

Development and execution of the programme is facilitated by CLEEN Oy. Programme objectives have been set in collaboration with the industry and research institutions enabling extensive cooperation and promoting breakthrough innovations in wide interfaces. "Companies, research institutes and universities working together through joint R&D programmes will considerably facilitate the development of globally competitive technology ensuring world leading know-how", says Dr. Tommy Jacobson, CEO of CLEEN Oy.

Participation to Strategic Centres are not only intended for large companies. Input from the small and medium-sized enterprise (SME) sector is significant in the MMEA programme: 18 out of 30 company members are SMEs, representing 50% of the whole industry contribution. Characteristic for the programme is wide research cooperation between the enterprises. "Within the programme, enterprises can do piloting in a suitable reference group and expand their cooperation internationally, which is an important opportunity for the SMEs", says Lauri Hietaniemi, Managing Director at Green Net Finland.

The annual budget of the MMEA programme is 10 M€ with a total programme volume of 50 M€. The programme is jointly funded by the Finnish Funding Agency for Technology and Innovation (Tekes) and the participating enterprises and research institutes.

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The consortium is exceptionally large, consisting of 45 leading Finnish companies and research institutes in the area of environmental monitoring and services.

**CLEEN Oy** was established in 2008 to facilitate and coordinate world class industry driven research in the field of energy and environment. CLEEN Oy is a wide and heterogeneous consortium which has 44 shareholders consisting of the major companies and research institutes which have significant energy and environmental related R&D activities in Finland. [www.cleen.fi](http://www.cleen.fi)

**Vaisala** is a global leader in environmental and industrial measurement. Building on more than 70 years of experience, Vaisala contributes to a better quality of life by providing a comprehensive range of innovative observation and measurement products and services for meteorology, weather critical operations and controlled environments. Headquartered in Finland, Vaisala employs over 1400 professionals worldwide and is listed on the NASDAQ OMX Helsinki. [www.vaisala.com](http://www.vaisala.com)

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