

PARTNER SEARCH FORM

(for specific project ideas)

FP7 Cooperation Work Programme	Theme 4 – NANOSCIENCES, NANOTECHNOLOGIES, MATERIALS AND NEW PRODUCTION TECHNOLOGIES - NMP
Call identifier	FP7-NMP-2009-2.6-1
TYPE OF RESEARCH PROJECT	<input checked="" type="checkbox"/> Collaborative project <input type="checkbox"/> Network of Excellence <input type="checkbox"/> Coordination action <input type="checkbox"/> Support action
DEADLINE	17 February 2009
PRIORITIES (specify the topics/areas in FP7)	<p>Georg Fischer, Division GF Piping Systems, are interested in participating in the FP7 Sub-Activity 2.6-1 Novel membranes for water technologies</p> <p>Our expertise in the field of designing and manufacturing water filtration systems for desalination or water purification in water scarce areas.</p> <p>In order to increase the availability of these systems in the Mediterranean and in Africa, the systems have to become more cost efficient, easier to maintain and more robust. Reverse osmosis is a very promising venue to the goal of clean water for everyone.</p>
CONTRIBUTION TO PROJECT e.g. are you a research expert in the field, can you offer testing, lab facilities, etc	<p>GF Piping Systems, with its headquarters in Schaffhausen in Switzerland and production facilities in Europe, America and Asia, has a large experience in the field of reverse osmosis. We have designed and manufactured systems for small and large water users. In close collaboration with membrane suppliers.</p> <p>GF Piping Systems, a global provider of water solutions with a turnover of more than 600 Mio. Euro, can both provide engineering capabilities, specially engineered pipe fittings, actuators, control and sensors for a fully automated easy to use solution</p> <p>We have vast experience in flow simulation, process control, polymer part design and assessments of the lifetime of a system. We are able to test the stability of the system under harsh conditions, e.g. chlorine and other disinfectants, heat, abrasive particles.</p>

Are you linked to other potential partners?	<p>GF Piping Systems has many ongoing activities with universities and applied schools if engineering.</p> <ol style="list-style-type: none"> 1. Empa, Dübendorf, Switzerland 2. University of Aachen, Institute of Plastics Processing (IKV) 3. Veolia Water Solutions& Technologies 4. GE Water 5. Siemens Memcor 6. Norit Membrane , Toray Membranes 7. Our Own R&D for Instruments GF Signet 8. Our own R&D for control & automation 		
YOUR intended role in the project (Max 10 lines)	<p>We are keen to be the system integrator and technology expert in water quality monitoring, sensing, plastic part design, laboratory and field testing w.r.t. robustness, sensitivity to pollution, lifetime and long-term stability</p>		
ORGANISATION PROFILE	<p>The key experts in reverse osmosis and nano-filtration are:</p> <p>Jean-Pierre Petit (GMDI Water)</p> <p>Dr. Christoph Mosler (Technology Center)</p>		
ORGANISATION TYPE	<input type="checkbox"/> SME <input checked="" type="checkbox"/> Large Company	<input type="checkbox"/> University <input type="checkbox"/> Research Centre	<input type="checkbox"/> Consultancy <input type="checkbox"/> Public Administration
Date of this search	December 2008		
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Further information: upon request			