



Team up with Veolia to implement sustainable solutions for « resourcing the world »

Challenge Innovation : «Sulfide Sensors»

Why an open call for innovation?

Sulfides in wastewater are responsible for high nuisances in networks and treatment plants: odors, safety risk for operators, corrosion and damages of the asset. In the last decade, an expansion of these problems has been noticed due to the increase of the sensitivity of populations to any kind of nuisance in their environment and the increase of the networks length.

In order to reduce the production of sulfide, different types of treatment exist. Nevertheless their implementation is compromised by the fact that it is currently difficult to continuously monitor the concentrations of sulfide in waste water.

In this context, we are looking for innovative, cost-effective and low-maintenance solutions able to provide on-line measurement of sulfides in wastewater

Dec 15th 2015
Online application
opens



Feb 15th 2016
Online application
closure



Apr 7th 2016
Final pitch and
awards

The challenge process

Calls for external solutions

Veolia regularly issues calls for external solutions worldwide. The goal is to find solutions to technological, organizational and usage issues in line with the Group's strategic areas.

The decision to issue a call for external solutions is made by :

- the **technical teams** who have noted a technological barrier or a goal in terms of performance,
- and the **strategy teams**, including research program managers and marketing managers, who establish the goal in relation to the market.

Candidates will be assessed on the following criteria:

- WHAT the technology does and a general description of how it operates. Candidates may include a more detailed information if the intellectual property (IP) has been secured appropriately
- How the solution addresses the challenge
- What differentiates the solution from others in the field and unique aspects of the technology
- How the solution overcomes drawbacks of other existing technologies
- Performance or technical data (current or anticipated)
- The Technology Readiness Level (TRL) : (e.g. proof-of-concept, already in use, etc.). IP you may have around the proposed technology

Key outcomes for the applicants:

- Step1: Veolia will use the information you provide to judge whether we should pursue more in-depth discussions, with you. This initial evaluation requires about a month. Then you will be notified if you have been selected for progression or not. If you are not selected, you will receive a feedback from Veolia as to why you were not selected.
- Step 2: If selected for progression, the next step would be a conversation with us to answer any outstanding questions. You may initiate a contract such as a confidentiality agreement for further detailed discussion, a face-to-face meeting, or a submission of samples for evaluation.
- Step 3: Following a pitch, both organizations could initiate negotiations or other arrangements. If both parties wish to proceed with a **contract establishing an official business relationship. This could include a supply agreement, licensing, a research contract, or a joint development agreement. The ultimate goal is to establish a win-win collaboration**

For further information please visit us on:

<http://www.veolia.com/en/calls-external-solutions/>