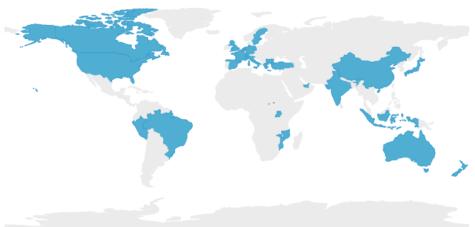


## Professional

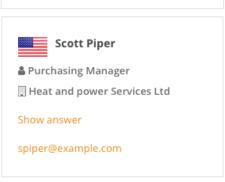


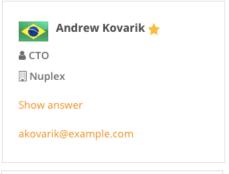
## Origin of responses

- 2/3 of responses come from Europe / 20% from the USA / Little reaction from Asia
- Aerospace engineers are the most represented profile. The project has received more reactions from aerospace actors than from potential users.
- It should also be noted that 26 professionals from large automobile manufacturers wish to be kept up to date on the project's progress, which is lower than the campaigns average of 73%.









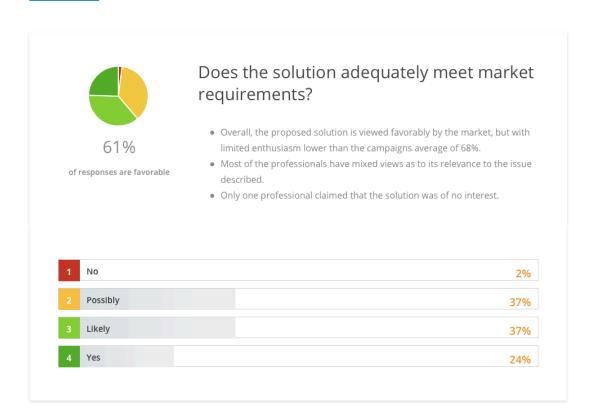




## Market Need

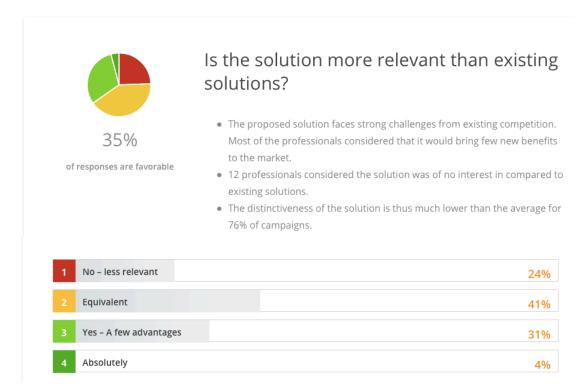


### Relevance of the solution





## Differentiation



# Expressions of interest



# What do you imagine your company can do with this innovation?

- A little over half of the professionals surveyed positioned themselves as potential actors in the project, lower than the campaigns average of 66%.
- The interest of the CTO of Techno Tek Corp., a leading actor in this market, should also be noted.





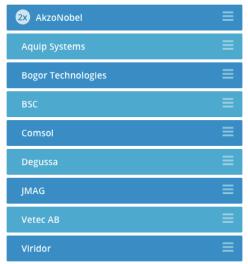


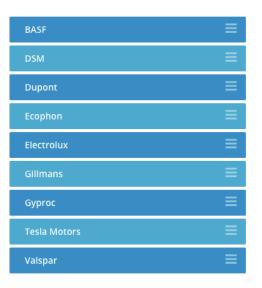
# Potential partners



# What other potential partners would you suggest?

- Several partners were suggested by a minority of respondents, including of course Innova Inc. Corp, a major actor in this field.
- It should also be noted that there are research centers in Japan that seem to be very active in these areas.
- Kyle Bryant, CTO of Techno Tek Corp, suggested several partners, and could be a good connection.





### 2 comments



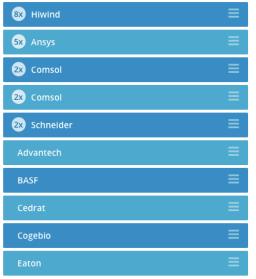


# Actual competitors



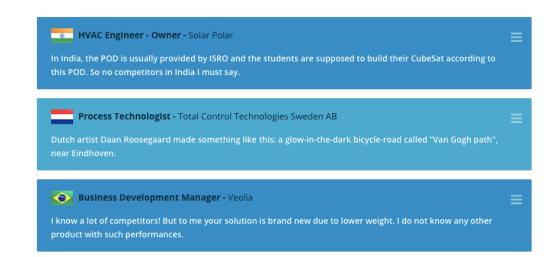
# What competitive/alternative solutions do you know of?

- Half of the professionals surveyed cited at least 1 competitor, and often several. This score is higher than the average of 46% of campaigns.
- From the results, it does not seem as though you will be a pioneer in this
  market
- Hiwind stands out as the main competitor, known by the majority of professionals surveyed (62%.
- Here is their product: www.example.com/datasheet





#### 3 comments





# Acceptable price





## Strengths

39

76%

## What are the strong points of this innovation?

- 1. The reduced size was cited 25 times
- 2. The ready-for-installation turnkey package was cited 18 times
- 3. The reliability of the system was cited 13 times
- 4. The limited environmental impact was cited 8 times

Also cited were: the ease of use / reduced cost / variety of potential applications / conformity with current standards



#### Operations Manager - Air France

New technology which serves a market demand. If the coating will not degrade organic substrates on which they are applied, the market for outdoor air cleaning (societal issue so in countries like China this may be a bit hit and also for indoor if the break down products are not more toxic than the original pollutant this may become a major product line. The added value of the product will depend on its application. If this would work for sterilization of medical equipment the price might be high per volume used. If for air cleaning, the over value will be bigger, however the price per kg much lower. Antimicrobial for packaging is probably in between. My company could be interested (and we have several key customers who will have an interest in developing this further with us. The technology got my attention by taking a closer look and if it indeed does work and does not destroy the organic layer it is applied to and the application/cure process is not too complex, this may well be a very interesting technology, of which I do think (as does my Innovation manager that our company can see way forward to roll this



#### Controlled Environment Testing Manager - WSP

May work well if correctly implemented by trained staff. Could help in isolation wards and surgical areas of hospitals. Monitoring in infectious isolation wards to help staff use the isolation rooms more effectively. For example keeping both negative and positive pressure isolation room doors closed. Infectious aerosols can migrate from one area to another easily when the room pressure differentials decay. A monitoring system may help



Sales Manager - Key Account Executive - Husbay Minerals Inc.

Fast solving time. I have been working with (parts of the subject for 10+ years I feel like this is actually an area where I could contribute. Since I also run a small private stock company I am very interested to get in contact with the inventor/inventing company to discuss eventual possibilities to become a distributer for the software. During my years of work in the field of electromagnetic simulations I have built up a network in Sweden and would therefore have good leads to start and try to sell the product.



# Objections

Objections 84%

## What are the weaknesses of this innovation?

- 1. Additional costs were cited 28 times
- 2. Incompatibility with technology X cited 16 times
- 3. Complex access / maintenance cited 13 times
- 4. Strong presence of a number of competitors cited 7 times

Also cited were: the lack of proof of concept / undemonstrated ROI / data export interface



## Technical Manager - BrBioEnergia



In my opinion, based on 25 years clinical experience, I do not think there is sufficient need for this product in healthcare. Therefore I would not invest in this type of product. Healthcare in the UK is under increasing financial constraints and this type of product will only tell us what we already know. Bed bound patients are high risk from pressure ulcer development. Nutrition, continence and mobility within their environment is essential for the prevention of PUs. More nurse time and decreased demand are the only way to prevent PUs. Therefore a sheet that tells me where they might develop a PU is not going to achieve prevention or help my practice.



#### Controlled Environment Testing Manager - WSP



Possibly cost of capital expenditure. Our DHB's (district health boards are notoriously slow at spending money on capital if the definitive payback period is not identified. A cost benefit analysis would really need some sound backing with facts. Also the DHB's are quite reluctant to provide any information on the rate of HAI in their



#### Senior Engineer Advanced Technology - Holonix

As far as i can see this functionality is already available in commercial finite element solvers (www.jcmwave.com and research on this topic is widely available. However, without further information I'm unable to evaluate if this particular solution offers any benefits over existing solutions.



## Business Development Manager - Alberta Health Services



Time impact - how long are dry cycles? Noise implications - high speed fans? Can you set drying levels in terms of



#### Aerospace Engineering and Management Services - Downey Aviation services

Qualification of new design. Most avionics OEMs seem to develop circuit protection internally. I don't see many failures related to voltage transients. Solution should be less expensive and qualified to appropriate MIL or DO standards.



# New application fields



# What other applications could this innovation apply to?

- Suggestions for applications in other sectors and other water network installations / underground installations / industry / etc.
- New functionalities proposed, particularly for researching and analyzing
   Causes
- New uses suggested, particularly for performance tests on ventilation and filtration in new installations.



SCADA Systems Gateway≡ Oil & Gas Instruments Gateway hospitals≡ home automation≡ gambling business≡ entertainment / advertisement  $\equiv$ business wireless control and command of trackside equipment Evaluating magnetic fields due to transient high current carrying wires Thermal simulation≡ structural simulation≡ Bioelectromagnetic applications multiphysics simulations to expand the type of equipment (not only electrical Pumps≡ External Aerodynamics District Heating networks≡ Hospitals≡ Clean rooms in computer electronic manufacturing plants Isolation rooms, Surgical areas



# Market potential

6.7/10

# What potential do you think this innovation has in this market?

- Assessment of this solution by the professionals surveyed was slightly lower than the average of 7.1.
- This mixed overall score is consistent in view of the other information expressed by the market in this exploratory study.

