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## Survey response

### Candidate statements and CV/resume

Please enter your name and email address below. [First Name]

Alan

Please enter your name and email address below. [Last Name (Surname)]

Edwards

Please enter your name and email address below. [Email address]

AlanEdwards@ecodb.com

What do you feel are the major concerns facing the citizen science community?

- a. Lack of continuity and paucity in funding of citizen science projects and their data repositories;
- b. Difficulty in accessing disparate data systems, which are overwhelmingly dominated by discrete data bases that have not been designed for data sharing purposes.
- c. Inability to effectively engage with the community of CS volunteers, and the consequent turnover of these volunteers which then jeopardizes the collection of long-term data sets.
- d. The corollary of the above is, lack of recognition at the volunteer CS level, which then jeopardizes their long-term commitment to projects that they have been trained for.

What skills and what types of experience would you bring to the CSA board?

- a. Talented strategic thinker with the ability to view the problem definition from a different perspective, and with a proven track record of establishing viable cost-effective solutions for diverse organizations in government and industry.
- b. Extensive business and management experience, balanced by a thorough education in science, engineering and modern computing technologies, and with strong and proven empathy with the environment.
- c. Proven ability to bootstrap start-ups, establish budgets for very large government and public corporations, and raise multi-million investment funds for start-ups.
- d. Proven ability to manage organizations profitably, even those that are experiencing challenging economic situations, including early stage start-ups.

# Resume of Alan Edwards

## Qualifications:

- M.Sc. (E-Commerce)
- MBA
- B.Eng. (Computer Engineering)
- B.Sc. (Physics)

## Skill set:

- Serial entrepreneur who has built several privately-owned businesses, and well as undertaken strategic reviews of client firms to re-establish competitive advantage;
- Exceptional abilities in strategic planning to support the needs of diverse organizations, and has been responsible for 31 strategic plans comprised of six private venture companies, and the balance 50/50 between large government and International corporations;
- Proven ability to grow and direct both major consulting firms as well as an international software development company that became the global market leader in its database technology niche;

## Career path:

- Early career has been in the analysis, design and development of complex data base systems of which Mr. Edwards had full responsibility and ownership.
- Rapid career advancement, from analyst programmer to principal consultant of a public company that merged with Deloitte Australia where Mr. Edwards held a principal consultant position, and was the Deputy Country Manager for their consulting division;
- Established largest privately owned software company in Australia that morphed into a systems software product company based in the USA with 500 large global license holders;
- Head of Online for a global business coaching firm with corporate head office in London, and regional offices in UK, USA, UAE, Singapore, Australia.
- Developed a series of wholly owned businesses across diverse industries that leveraged information technology to provide a competitive advantage;
- **Currently:** Requested to evaluate the business opportunity and define the strategy to establish a movie industry in San Diego county, requested to become the CEO of the firm, presented the strategic plan to potential investors, and rapidly raised the initial \$20 million. Now establishing the early stage organizational set-up, and about to embark on second round of fund raising of another \$40 – 80 million.

## Other:

- Has undertaken an extensive study of citizen science needs, and the requisite information technology and social media required to support them. Undertook the data base design and programming for a 500-program cloud based data base that enables the user to have

security and control over their data, enforces standards, provides a range of data manipulation and transformation functions, facilitates both private sharing and public publication with a range of download functions, data searching, data set authorship recognition, and optional e-commerce on data exchange. Project in launch mode, with initial project data take-up.

- **Citizenship: USA**