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# Investment Proposal

“KŌRERO”

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## **INVESTMENT PLAN**

The idea, “Karmic Thistle,” remains the sole property of the individual ALEXANDER VIVIAN HUGH MCPHAIL, born in Wellington, Aotearoa.

The interface, *Kōrero*, is the subject and object of this proposal.

The research interests internet page of Neil Leslie, on the faculty at Victoria University of Wellington, was the original source of pointers to literature.

OM Consulting Limited, the licensee, holds a license to develop and market the interface.

The licensee seeks to procure an investor.

The investor and the licensee would jointly [50/50] own a subsidiary company, the “implementer,” to which the license would be sublicensed for an annual fee.

The investor would provide capital for initial infrastructure and an annuity, termination of which would require written and legally witnessed consent of both owners except after verification and proof that fixed point IV is unattainable, after which point both owners must agree to continue.

All major decisions, likewise, are subject to the same main default agreement principle [negative consensus — unanimity to change].

## **THE IMPLEMENTER**

The implementer must adhere to the spirit of perfect fair sequences [1].

[1] [sologj](#), Perfect Fair Subsequences

Each stage of implementation must be sound, where “sound” is constant, fluid, and self-enclosed.

To this end, should obstacles be encountered, verification and proof of soundness take priority over time constraints.

## **RETURNS TO THE IMPLEMENTER**

Any return from all and any products or services resulting from the efforts of the implementer are subject to the following terms:

- (i) Employees, executives, and directors receive fair and reasonable compensation for their investment of time and effort;
- (ii) Owners must fully leverage the company through debt until sufficient capital is accumulated to contribute philanthropically to the global and/or local community through well-defined, predetermined self-contained projects;
- (iii) The initial returns beyond (i) and before (ii) must replace the principal invested and opportunity cost incurred by the investor;
- (iv) In the extraordinary event of the occurrence of a detachable, self-contained idea, the owners jointly own all and every right to such;
- (v) Sound investment in Research and Development of quantum simulators must precede (ii) and follow (i).

## **THE INTERFACE**

Haskell [2] is a computer programming language freely available and based upon the lambda calculus [3].

[2] [www.haskell.org](http://www.haskell.org)

[3] Church (?1936)

All programming is to be done in Haskell or an approved successor and verified and proven at each and every stage.

All employees must be approved by the Board or approved by the direct agent of the Board.

Fair and reasonable benefits, beyond direct remuneration, must be provided to each and every employee and executive.

## **THE INTERFACE SPECIFICATION**

The interface is a mechanism to transform symbolic representations:

- (i) Between dialects;
- (ii) To and from an internal common form.

Given the Incompleteness Theorem of Gödel [4]

[4] Gödel (1931)

there is no single Church-equivalent logic to accomplish all tasks. However, given the notion of parameterised complexity [5]

[5] Downey & Fellows (1999)

such is not a problem.

## THE PLAN

### I. Infrastructure

Six (6) months to establish secure infrastructure, including but not limited to:

(1) Auckland, New Zealand

- a. Office space;
- b. Redundant and secure storage, computer, and communication hardware and software;
- c. Business maintenance and efficiency procedures and protocols;
- d. Remotely accessible communication technology.

(2) The property of the investor

- a. Redundant and secure storage, computer, and communication hardware and software;
- b. Remotely accessible communication technology.

### II. Proof of Concept

Translation of

- a. the Universal Declaration of Human Rights to and from German and English within one (1) year following successful completion of I.
  - i. NOTA BENE: This includes correct handling of idiom.
- b. the Declaration of Human Rights of Cyrus of Persia
- c. the *Magna Carta*
- d. the United States Declaration of Independence
- e. the United States Constitution
- f. the Treaty of Waitangi

### III. Implementation

Within four years of completion of II:

- (1) Acquisition or development of real-time voice recognition software.
- (2) Completion of translation to and from German and English.

### IV. Test Case

- (1) Successful real-time translation of United Nations dialogue.

### V. Completion

- (1) Addition of each and every United Nations dialect.