

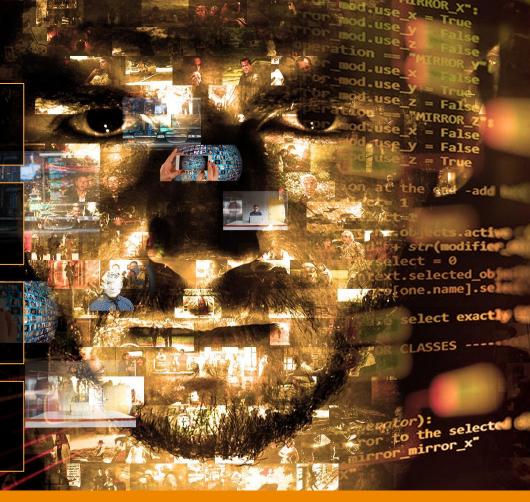
Problem

Complexity due to intertwined technologies.

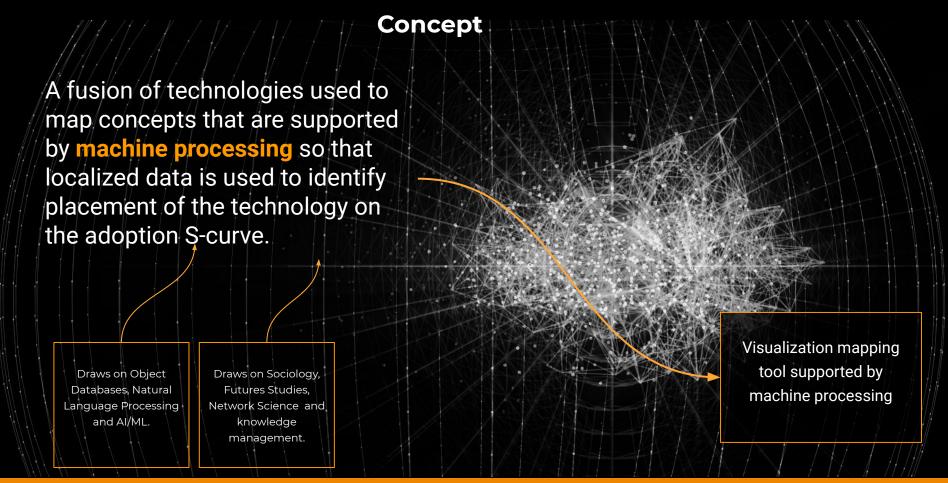
Growing masses of data from a growing number of sources.

Mixing of existing technologies to solve new problems.

Different rates of adoption and commercialization in the component technologies.











Concepts - Are discrete ideas for which we analyze the STEPE [Social, Technological, Economic, Political, Environmental] facets, along with the three types of innovation, [sustaining, efficiency, market creating], its maturity [Technical Readiness]

Concepts, Relationships, Clusters and Engagement



Relationships - Describe the linkages between concepts and clusters implemented as tags to allow many to many relationships that can be visualized depending on the point of view of the analyst.



Cluster - Allow groupings of concepts and clusters to form more complex systems. It forms set behavior in that a cluster is composed-of concepts or smaller clusters.



Engagement - Forms the types of engagement with a specific concept or cluster [Delphi Survey, Futures Wheel, Futures Cone, Scenarios, Horizon Scanning, Visioning].



Key Personnel

Ev. Stackelberg, MSc-IS

Entrepreneur with over thirty-years experience in technology and management. He has held senior management positions with Anethum Corporation (2001-2016), M5 Airborne Solutions Inc (2015-2016), 24Seven-Inc. (2003-2006), Chimera Visions Corporation (2001), Cogent Technologies Corporation (1990 – 2001) and worked extensively with databases, software design and innovation for clients in industry, academia and government.

P. Tang, BSc

Entrepreneur experienced in the development of Social Network Systems and demonstrated by ZanQ, a platform linking entrepreneurs that uses Natural Language Processing to sift through large databases and find relevant publications.

L. Barreto

Designer and animator for mixed realities. Experience building and managing teams to produce television series, films, art exhibitions, live events, video games, advertising, and online experiences. Broad experience in leading teams that merged storytelling with digital and traditional art techniques such as illustration, 2D and 3D animation, stop motion, motion graphics, video games, VFX, projection mapping, set design, VR installations in Canada, USA, Spain, England, France and Colombia

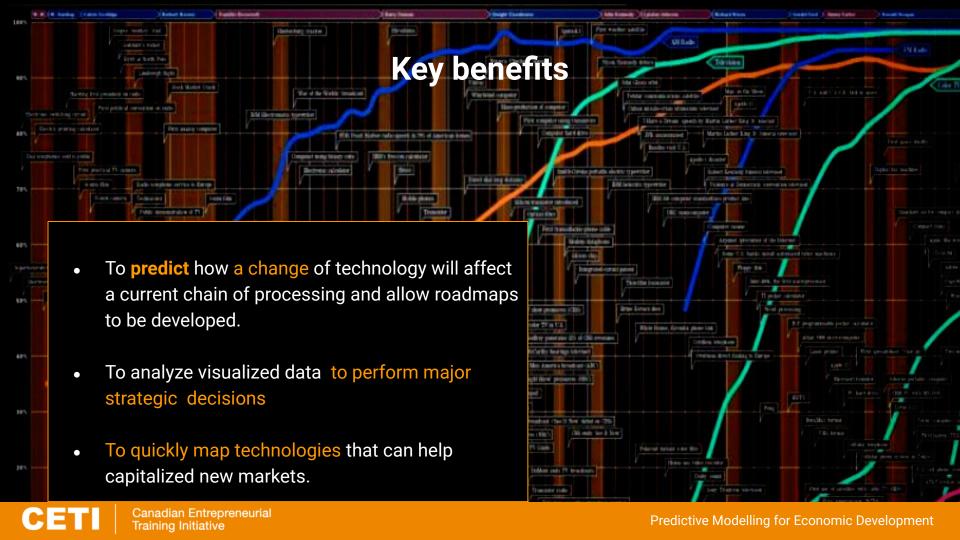




Grow Cycle Solutions Inc. Founded in 2016, is an early stage company created to design, develop and operate Controlled Indoor Agriculture facilities that include co-generation, hydroponics, control, monitoring and analytical systems to optimize operations. Our niche expertise is focused on: Multidisciplinary research and development; Technology and process integration; Agricultural development; Custom and commercial development. As part of their applied research in generating our designs we are also involved in an ongoing development of our Innovation Network which includes Partners with synergistic products and services in Agricultural and Aquaculture Development, IT/IM, Digital and Transmedia, Distributed Energy Resources and Strategic Intent. Our existing presence is in Canada and continue to pursue expansion into USA, India, New Zealand and Columbia.



The Canadian Entrepreneurial Training Initiative (CETI) is an Alberta non-profit incorporated June 2017 with a mandate to provide training and economic development throughout Western Canada. We use a social contract to outline the expectations that define our culture and we attempt to foster diversity. While much of our attention is directed to a younger audience (16-30) we strive to make our programming available to all that are prepared to follow the social contract and we attempt to help them through early stages to Series A. Since incorporation we have explored projects with collaboration partners in UK, USA, India, Australia, New Zealand and Columbia in attempts to allow Western Canadians to become more familiar with global business opportunities and cultures. Our website is https://ceti-ltd.ca/.



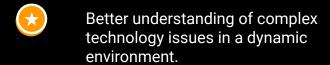




- Technology as a new approach to predictive modeling there are significant unknowns related to what we are building. We manage this by using a spiral iterative development approach.
- Financial insufficient financial resources for a complex product. Managed by minimizing outlays using Mitacs and Government funding where possible.
- **Change** Managed as part of an engagement platform demonstrating positive results.

Reward





- Application for Economic Development and the impact of Innovation on the System.
- Identifying and highlighting the influence of Sustaining, Efficiency, Market-Creating Innovations.
- Use by investment funds to increase Return On Investment (ROI)

