SpeedPort Innovations

I.T. Social Innovation Hub Proposal

ADB Project Proposal

May 2020

This document entails the entirety of the I.T. Social Innovation Hub Project Proposal for Asian Development Bank Funding, including technical, economical and managerial aspects of the proposal and its implementation.

SpeedPort Innovations

SUMMARY

SpeedPort Innovations a visionary approach to design to innovate, establish and sustain a progressive Technology hub in Sydney's Central Business District (CBD). Through the coherent utilisation Asian Development Bank (ADB) fund of $4 million in contributing to the deployment of the sophisticated and cutting-edge research and talent driven outlook to achieve sustainable poverty alleviation technologies of the Jakarta region of Indonesia. The Technology hub will cater for the technical aid of clients of ADB and other domestic/ global affiliated organisations while creating a definitive presence in the social and economic components of business relating to our pilot companies. The growth of this venture will uncover to strengthen leverage through relationships and affiliations of globally recognised educational institutions, legality and legitimacy networks with government sub-divisions and specific industry rank/ certifications.

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OVERVIEW

SpeedPort Innovations will provide advanced business and technical integration techniques in the implementation of successful Technology hub in Sydney CBD to establish an epicentre for catalytic guidance and opportunities to young and promising start-up companies. By doing so, adapt to variance in demand and client needs to provide sustainable, certified and standard tested It solutions of the greater motive of poverty alleviation within Jakarta region of Indonesia. SpeedPort Innovations actively extends the capabilities and opportunities of viable members of the team through sophisticated task-driven training and scholarship incentives developed alongside ranked industry partners.

COMMERCIALISING OF TECHNOLOGIES

SpeedPort Innovations allocates majority of its scaling and commercialising in three divisional sectors being specialised social assistance in Cloud training and bootcamp opportunities for aspiring yet economically disadvantaged clients, With the divided socio-economic sector of Jakarta, SpeedPort Innovations' outlook provides wide-range of outreach programs. Urban and rural development through 3D modular and visualisation technologies to cater for the growing population of the developing regions of Jakarta while achieving definite net growth when scaling of technology solution especially with the exponential growth in IT/civil industries of Sydney and Indonesia in last decade of 26% compounding annually. Also, innovative network infrastructure through data-driven development processes. For the mounting demand for internet as population and technology itself propagates in scale and capacity rapidly.

ASSOCIATED PROJECTS

Social Aid project: GET Access (High-speed Internet solution). It is the ability of individuals and organizations to connect to the Internet using an innovative patented approach through a new mathematical geometrics network infrastructure that extends internet signal connectivity across rural communities on long distances. While, catering to urban demand for high-speed internet access. A comprehensive, sophisticated design and manufacturing processes ensures the solution can continue to sustain with low primitive and maintenance economics.

Innovative Urban development project: BUILDTrac (3D modular construction software and technology). Creates opportunities to address the staggering homeless- citizen statistics of Jakarta and the divided socio-economic sectors within its population. SpeedPort innovations provides an effective IT solution through the emerging 3D printing and object-oriented visualisation technologies available. Sustainable data and advanced mitigation/implementation techniques for Design and manufacturing processes ensure the solution can continue to sustain with reduced economics

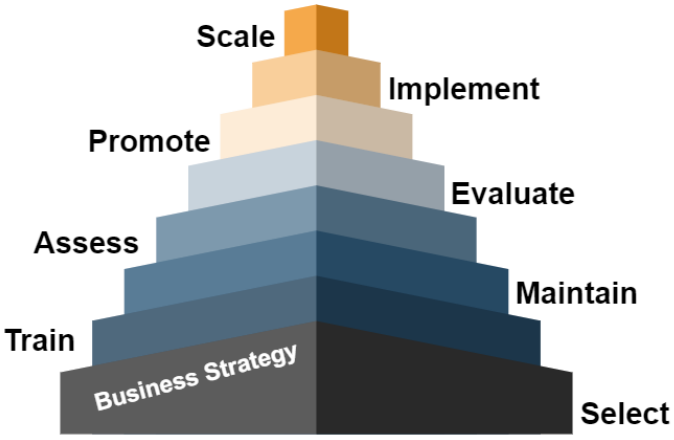
Projected Partnerships. Universities/organisations/companies for affiliation status for the Social innovation hub include USYD, UNSW, UTS, AgriDigital, Deloitte, Facebook, Microsoft, Versent, Aon

ECONOMIC INFRASTRUCTRE

Initial funds towards technology hub centre will utilised for base foundation and integration purposes. With further sources of funding gathered from venture capital, grants, subsidies, and taxes. While the crowdfunding incentives will mainly depend on the economic status of the technology centre within set time periods across a financial year. While the bulk of preliminary funding and its associated support will come from the ADB and successful implementation of marketing; start-ups' quality and maturity on business strategy and outcomes. Successful and promising start-ups based on economic growth and scalability assessed by SpeedPort Innovations business analysts. Elite of those within start-up incubators may receive seed funding through leverage within the industry partners. The future attainment of venture capital and government grant/program funding attracted through mass propaganda and client/start-up tailored guidance from our team in business success in scaling and economic growth. This will spread awareness, increase demand and develop traction for our products within the communities we see as potential markets, subsequently accelerating our market reach and funding expectancy.

SUCCESS CRITERIA

- Assess SpeedPort Innovations net growth financially per quarter and annum
- Profit against growth
- Consumer, public satisfaction and appeal
- performance and financial rate
- No. of new start-ups per year
- Leverage in industry against competitors
- Number of and Quality of Affiliations

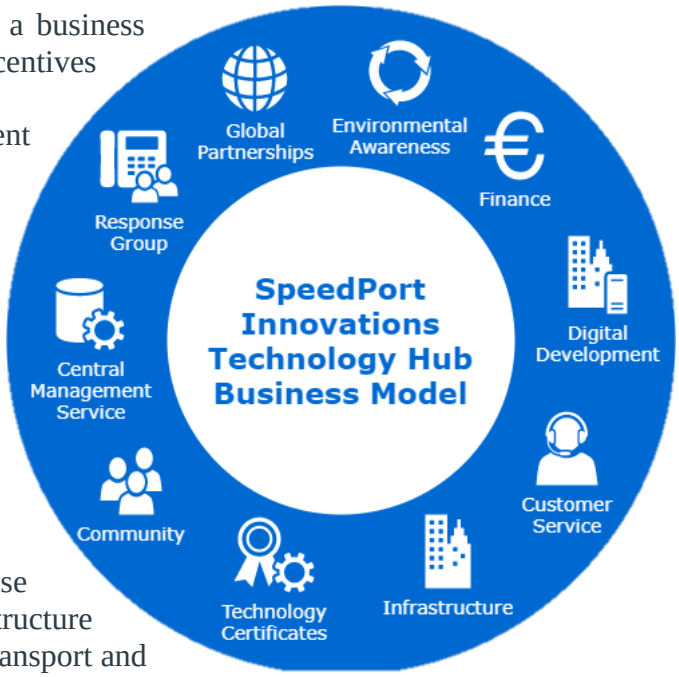


TECHNICAL AND MANAGERIAL ASSISTANCE

The implementation of the Social Innovation Hub demands a high-performing team of members specialising in majority 12 sectors within the operations of Technology Hub. These include:

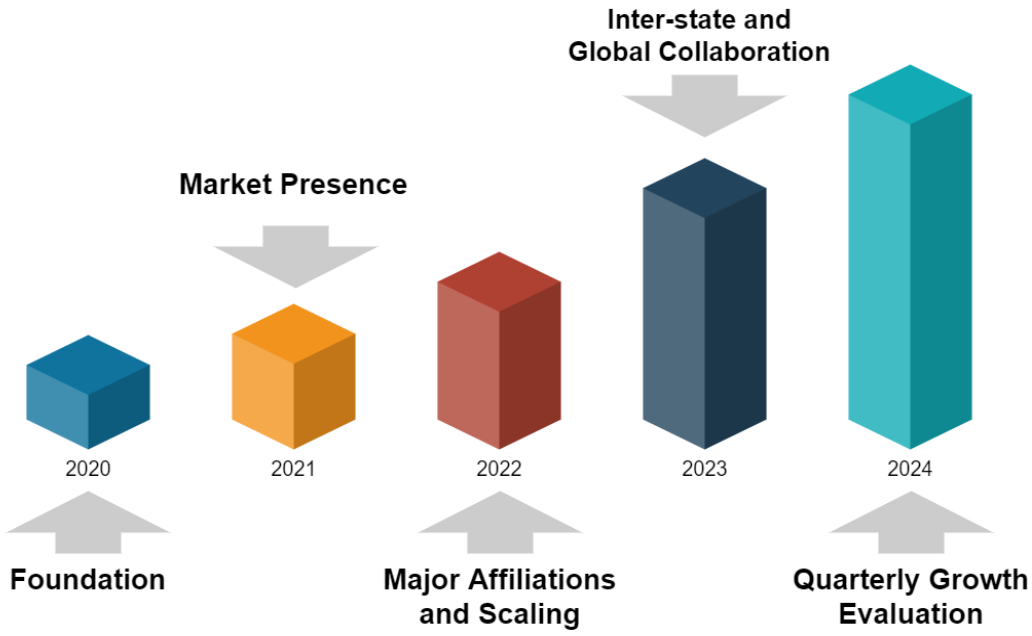
a) **Telecommunication in marketing.** Competent and pathway-specific marketing to cater for client interests/requirements or manipulate attitudes and perceptions on IT solutions
b) **Financial.** Definitive financial foundation allows for accurate economic modelling and support for business development
c) **Business.** Ability to integrate IT solutions while maintaining commercial bias within implementation provides strengthen reliability of promising outcomes.
d) **Cloud/Data integration and management.** Caters for the growing risk of Volume and capacity of data management as data- driven start-up business and solutions approach new scaled capacities.

e) **Management.** Client/project -oriented directing of a business effort for the purpose of accomplishing goals, incentives accurately and timely
f) **Security.** This skill would cover the data securement and legal leverage for start-up and project safety.
g) **Strategist.** Logical understanding on possibility of pathways and consequential mitigation components.
h) **Human resources and public relations.** Based for the front-end competency with clients for assistance with external affairs on their knowledge of company interests, outcomes and incentives

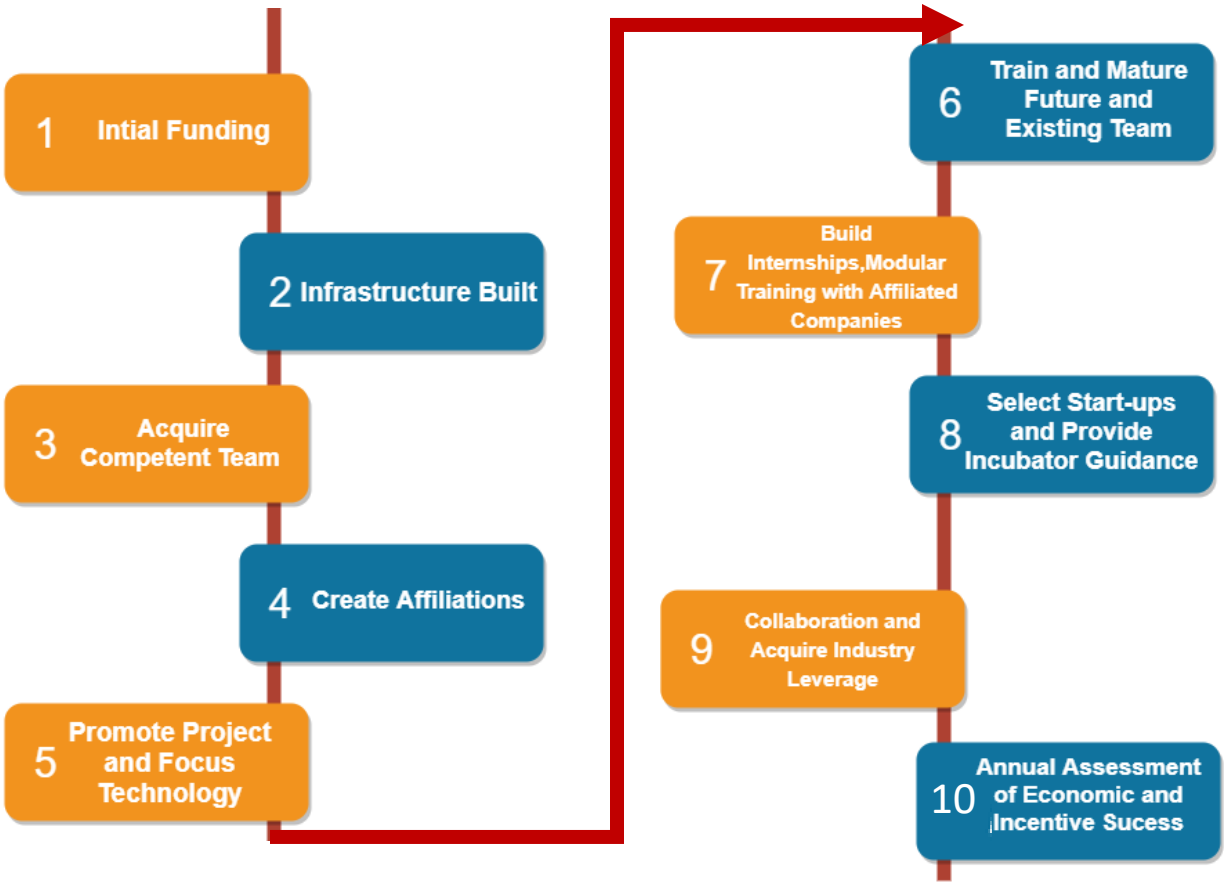


BASELINE FUNCTIONALITY

1. Initial funding of $4M from ADB to establish base location with necessary technological infrastructure targeting focus perspectives (Social Medical Aid, Transport and innovative urban technologies, network infrastructure)
2. This will allow for a base foundation on which we can begin creating affiliations with local and interstate patenting firms, marketing agencies, universities, social workshops and events.
3. With the aid of initial projects, and carefully selected team onboard. Promotion will elevate hub recognition.
4. The hub will utilise is its existing team of developers and business experts to acquire and train/nurture graduates of high calibre through training and bootcamps. Selection acquired through scholarships and academic, interpersonal capabilities.
5. These trained individuals will then be taken aboard based on their interests and skills set based on further assessment. They will be given opportunities to design and propose start up ideas for which selection teams.



6. While doing so there will be internships with affiliated companies (local IT /medical companies, Delloitte, AON, Facebook, etc) based on mutual benefit (hub gets more capable persons, and companies receive reliable employees). Modules and training programs for start- ups for guidance/direction from experts within these affinations.
7. By year 2 to 3, The hub can increase its scale of reach if it hadn't sooner by collaborating with interstate Tech hubs in Melbourne, Adelaide and Brisbane.
8. Establish our on-site patenting firm or engagement with recognised patenting firms to create a local and reliable legal support.
9. Start-ups will be assessed quarterly (every 4 months) on their economic growth, Technology Readiness Index (TRI) and financial services and investment policies will be monitored /altered as advised by corporate team of SpeedPort Innovations.



Among East Asian countries, Indonesia possesses a relatively small pool of skilled workers, which is attributable to the low proportion of Indonesians enrolled in, or graduating from, science and technology courses. (Yumiko Okamoto, Fredrik Sjöholm, Lund University). While previous study highlights need for development Indonesian IT industry development and solution to do so; The pursuit of sound macroeconomic policies, as low inflation encourages firms to make long-term investments in technology development. Also, the upgrading of human resources, as the technical human resource base is a key input into the process of acquiring, using, improving, and developing technologies. (Thee Kian Wie, 2006).

ASSOCIATED RISKS

Capability with Time. Start-ups scalability to mass produce solutions. Dependent on resource availability and effective scheduling.

Design solution functionality. Efficient management plans in place; research on target market, research into materials and cost of labour as well as ensuring that the solution being implemented by the start-up focuses on the problem at hand. By having done the proper research, a broader understanding can be created and former issues that may have been present such as material expenses and production costs can be minimised by sourcing materials that are cheaper and sturdier. Effective designing of the solution through research-driven solutions generate reliable profit.

Management and scheduling Accuracy. Training team to commit and handle the business efficiently through effective practices. Though this requires more time and resources, it ultimately benefits in the long term and allows for the start up to target areas comprehensively. Results show that the founders of start-ups exert continuous effort to achieve goals. Both founders had a quality education that they utilised during their professional careers and in the creation of their start-ups. (Sutarjo, Raharja, Sam'un Jaja, 2020)

Vulnerability to unexpected external economic factors. Secured reliable investors and strengthened contingency plans as well as economic packages as backup.

Start-up solutions obsolete. Team analyses and models research-driven data on demand growth and sustenance in the marketplace in future.

Funding consistency tackled with providing a smaller/more niche client base and definitive foul-proof policies and agreements

Legislative and Policy Risk ("Regulatory Risk"). Operators and clients will follow corporate governance structure, ensuring that it aligns with industry good practice. Strive to adopt and manage the regulatory risk framework expectations, business processes and challenges of the regulators. Also, identify improvement opportunities to ensure compliance of obligations

Operations Risk. Risk management plans, considering all possible scenarios, and with all stakeholders signing off on the project, expectations are made known to external and internal team. Disciplined monitoring practices while assigning and re-assigning resources/workforce where necessary.

Technology Risk. Identification of key risks, measurement of risks occurrence and their impact. Analysis on security threats, risk of hardware and software failure to be carried out. While outsourcing risk management and identifying controlled technology

Volume / Demand Risk. Take-or-pay contracts guarantee company payments from off-taker till it complies to corporate governance structure. Economic balance ensure compensation to company if investment's rate of return falls below the minimum threshold. Minimum revenue allows compensation to the project company if the revenues fall below the minimum threshold.

SpeedPort Innovations - Project Financial Proposal			
Name:	SpeedPort Innovations	Executing Company/Firm	SpeedPort Innovations
Nature:	Project Financial Proposal	Primary Fund Source	Asian Development Bank (ADB)
Country:	Sydney, Australia		
Sector	Investment Components	Purpose	ADB Financing ($ million USD)
IT Social Technology Hub		Poverty alleviation	
	Implementation Logistics		0.30
	Technology Infrastructure	Transport Software development Electronics laboratories	0.50
	Site building/land	Location	1.00
	Bilateral institution partnerships		0.20
	Industry affiliations Rank/Certifications		0.30
	Scholarship, Training and Bootcamp development		0.10
	Marketing	Outreach	0.10
	Legal and Financial affiliations	Legal security	0.20
	Mitigation Funds	Economic security	1.00
	Site facilities and logistics maintenance		0.20
	Networking	Partnerships building	0.10
	Total:		4.00

Time (Year)	Profit	Justification	Evaluation (revenue multiple 1.56 of TIMES for tech-start-ups in Sydney)
1	$600,000	Initial Infrastructure development and project appraisal	$936,000
2	$800, 000	With initial projects and affiliations	$1.25M
3	$1.5M	More start-ups onboard, with revised investments in marketing	$2.34M
4	$2.7M	Designated Training and bootcamps for start-ups as required	$4.21M

Initial Funds	Amount

ADB	$4M
Crowd-Funds	$100,000
Co-investors	0
Total	$4.1M

OUTCOMES

- Cater for the larger need for a start-up boosting tech hub
- Create social impact in terms of transport and urban development solutions starting with the lower economic status of citizen needs
- While creating a recognition in the Tech industry globally for efficiency and success rate
- Maintain transparency and discipline in quality of start-ups and their goals

CONCLUSION

SpeedPort Innovations provides an opportunity to envision the engagement with aspiring talent and demand to design, innovate, establish and sustain a progressive Technology hub in Sydney's Central Business District (CBD). Achieve escalating revenue through reliable venture and capital raising engagement with vendors and clients involved. Deliver and sustain to deliver sustainable poverty alleviation technologies of the Jakarta region of Indonesia. Uncover innovative business strategies and start-up development programs to provide the technical, managerial and economic assistance to the clients of ADB and other domestic/ global affiliated organisations while creating a definitive presence in the social and economic components of business relating to our pilot companies. With the prolonging of this venture with SpeedPort Innovations establish and solidify leverage in the industries concerned.

SOURCES

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Thee Kian Wie (February 2006). Technology and Indonesia's Industrial Competitiveness

https://www.adb.org/sites/default/files/publication/156680/adbi-dp43.pdf

Sutarjo, Raharja, Sam'un Jaja (2020). Entrepreneurial Spirit in Economic Development: A Study of Two Digital Start-up Companies in Jakarta, Indonesia

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Related article on implementation of Technology hub for poverty suffering regions of Africa

Jeremy de Beer, Paula Millar, Jacquelene Mwangi, Victor Nzomo, and Isaac Rutenberg (12 January 2017) –

A Framework for Assessing Technology Hubs in Africa

http://openair.africa/wp-content/uploads/2018/09/WP-2-Framework-for-Assessing-Technology-Hubs-in-Africa.pdf