

Workstreams (look at the format at <http://www.iot.org.au/workstreams/> and put some pretty graphics beside each)

The CommunityLink Development roadmap and Project Plan has 3 project sections, Section 1 Community Foundation (creating the Foundations), Section 2 - Commercial (supply) & Section 3 – Community (demand) and contains 11 project workstreams.

Each workstream is part of the Phase 1 Smart City Commercialisation strategy/business case which comes with a project funding allocation revenue margin and project chair which leads to a defined commercialisation milestone start point being the Council smart city solution delivery.

The CL model and project workstreams involves establishment of an open commercially neutral national open data infrastructure and governance system funded through the system efficiencies it creates. Community Project workstream contributors, many who are currently making unpaid contributions to aligned smart city stakeholder projects, can now be paid without creating a conflict of interest.

Project Workstream 1 – CommunityLink Global Foundation (CLF) - Section 1 - Create the “building” foundations

Purpose

Establish a global cooperation amongst a decentralised autonomous network of smart communities enabled by the CL smart society system to create systemic change at scale. Create a global community whose mission is to support a global rebalancing based on a system which enables locally based sustainable wealth creation and its equitable distribution

Terms of reference

- Bring together values aligned global leaders who share the CommunityLink vision to establish a CLF close group 32 consensus group utilising the safeworknetwork.org system established by Maidsafe Founder David Irvine and CL smart society model designed by ULB Founder Ian Wilson
- Define Close group members to contribute funding and process support to develop the CL smart system genesis block within the Social Capital Investment Trust Knowledge Infrastructure Fund
- Establish the CommunityLink Foundation to own the system IP created by SCIT Knowledge Infrastructure Fund to protect CL as an open system
- Use the Phase 1 smart city program au pilot to
 - a. capture generic access templates for global “Access stewards” council
 - b. Create financial sustainability for the Foundation to support global smart society system deployment
- Establish a global data governance structure for a commercially neutral open data system for global co-operation.

Chairman TBA

Project Workstream 2 –Knowledge Infrastructure Asset Fund (KIF) – Section 2 Commercial - Social Capital Investment Trust/

Purpose

Provide the initial collective investment mechanism for the project. Receipt and disseminate investment funds of \$25ml for the Phase 1 Smart city systems re-engineering project workstreams whilst protecting community ownership of the system in perpetuity.

Terms of reference

- Implement CL Smart city Integrated portfolio design
- Create CL Foundation Close group foundation or genesis hub
- Create a learning and formal product development environment to enable Access stakeholders to
 - establish their Close consensus groups /autonomous data hub
 - test the interactions to meet the Phase 1 smart city CDC/Council product requirement in a coordinated manner.
- Retain perpetual right to deploy system Smart society system whilst vesting ownership of IP created to the CommunityLink Foundation (see workstream 4) to secure a commercially neutral open data system.
- Receive ROI annuity revenue stream in perpetuity for CL system to operate as an internal system “social capital investment bank” of funds
- Fund global CL deployment and *Data Transvestment* from the old disconnected system to the new inter-operable system.

Chairman: Ian Wilson

Project Workstream 3 –Portfolio Infrastructure Asset Fund (PIA) – Section 2 Commercial - Social Capital Investment Trust

Purpose

To create a smart society and smart city system which learns continuously we need to be able to bring multiple IT systems/players together with the ability to plug in and out as they become obsolete without disruption to the system so it cannot be held captive to existing "capital ROI's". The purpose of the Portfolio Infrastructure fund is to provide a single commercial engagement and ongoing management point for the systems IP requirement.

Terms of reference

- Secure all open source & commercial IP licenses required for the underlying CL operating system development and Phase 1 Phase 1 smart city business case requirement to be licensed the Knowledge Infrastructure Asset Fund for integration and commercial deployment
- Receipt CL system IP royalty allocation which is then paid to IP licensees
- Manage the ongoing system IP administrative function

Chairman: Co Chairman Paul Rigby/Ian Wilson

Project Workstream 4 - Strategic Investment Fund (SIF) – Commercial Section 1 - Social Capital Investment Trust

Purpose

The Strategic Investment Fund will invest in key supply (e.g. ICT) & demand (Clients e.g. CommunityLink Access) partners fundamental to the commercialisation of the Knowledge Infrastructure Asset Fund asset and delivery of the Phase 1 Smart City implementation plan.

Terms of reference

- Secure seed funding from the Knowledge Infrastructure Asset Fund investment of \$12.5ml
- Implement the ULB Development Capital “Product/Integrated portfolio methodology” to leverage profits from system efficiencies created
- Provide business & revenue model and funding of between \$1.5 – 2ml each for Not for profit partners driving Community project section Workstreams 4 -10 to solve the conflict of interest problem, funding problem and provide the 50% cash component to secure partner specific grants.
- Make strategic investments in key assets essential to the delivery of the system and whose value will increase exponentially when integrated into the system

Chairman Steve Richards

Project Workstream 5 – National Data Administrator Limited Partnership (NDA LP) – Project section 2 - Community

Purpose

Provide Consumer, Region, Industry, R & D, Charitable and Government Access stakeholders the CL system NDA business model and funding allocation. Establish CommunityLink as an innovative & visionary consortium in the form of a commercial partnership to innovate the CL decentralised autonomous smart society system to transition us to a smart and locally based sustainable society. Enable national steering committee to establish a national data administrator entity as general partner of the Community Access Partnership with themselves as the Limited partners.

Terms of reference

- Facilitate national co-operation session to align the national IOT stakeholders with Access workstreams as part of a single unifying national data/IOT vision, strategy, business model, organisational methodology, legal structure & commercialisation strategy to enable decentralised autonomous IOT network to facilitate inter regional and industry data sharing
- Secure the NDA Access business model, platform access and \$2ml start- up funding to secure matching grant funding or Limited partner capital funding and ongoing systemic revenue stream
- Provide Consumer, Region, Industry, R & D, Charitable and Government stakeholders to establish their own decentralized autonomous operations for representative user establishment of the NDA Close group consensus and data hub to provide governance of the decentralised autonomous network of smart communities operating as part of the Phase 1 Smart city solution

- Develop a "driving execution worksheet" to progress to a point where each stakeholders role, responsibility, \$ requirement, margin can be factored into the business model, collective investment methodology, and integrated project critical path to an agreed "local industry platform" *product roadmap start point*
- Each Limited partners to establish their specific Access Board advisory committee to ensure operational needs alignment by the NDA Board and operations.
- Leverage this platform to deliver further social and economic functionality to further support the local based marketplace and wealth creation

Chairman: Bruce Barbour

Project Workstream 6 – Regional Access Limited Partnership (RA LP) – Project section 2 - Community

Purpose

Provide the system Regional Access business model and funding allocation to an approved Not for Profit Regional partner. As the General Partner Regional partner establishment of the "Regional Access" Limited Partnership with members as Limited Partners. Limited Partnership governance to autonomously operate the Regional Access data hub within the CommunityLink decentralised autonomous smart city network on behalf of regional stakeholders.

Terms of reference

- Secure Regional Access business model, platform access and \$2ml start- up funding to secure matching grant funding or Limited partner capital funding
- Establish Regional Access Close group consensus and data hub to deploy the Phase 1 Smart city solution to member LGA's and Councils nationally that will provide an ongoing systemic revenue stream for the Access partnership
- Work with LGA based CDC's to establish their own smart community hub to enable Councils to outsource key functionality to establish their Phase 1 Smart Region Management Platform with multi IOT vendor access and enable Inter regional and industry data sharing
- Leverage this platform to deliver further social and economic functionality to further support the local based marketplace and wealth creation
- In partnership with Consumer, Industry, R & D, Charitable, and Government access partners establish the National data administrator.
- Provide ongoing governance of Regional Access hub and advocacy for the Regional stakeholders within the national data administrator via a Regional Board advisory committee

Chairman

Robyn Gunnis

Project Workstream 7 – Industry Access Limited Partnership (RALP) – Project section 2 - Community

Purpose

Provide the CL system Industry Access business model and funding allocation to an approved Not for Profit Regional partner. As the General Partner Regional partner establishment of the "Industry Access" Limited Partnership with members as Limited Partners. Limited Partnership governance to autonomously operate the Industry Access data hub within the CommunityLink decentralised autonomous smart city network on behalf of industry stakeholders.

Terms of reference

- Secure Industry Access business model, platform access and \$2ml start- up funding to secure matching grant or Industry Limited partner capital funding.
- Establish Industry Access Close group consensus and data hub to deploy Phase 1 smart industry solution to connect a panel of IOT suppliers to enable Councils to customise their multi-vendor smart city solution that will provide an ongoing systemic revenue stream
- Align CL Access workstreams with [IOTAA workstreams](#) as part of a single unifying national data/IOT vision, strategy, business model, organisational methodology, legal & commercial structure & commercialisation strategy to enable decentralised autonomous IOT inter regional and industry data sharing
- Enable Peak industry Associations to establish their own smart industry “open supply chain” hub to protect against private control and provide commercially neutral governance as part of a national open data infrastructure exchange
- In partnership with Consumer, Regional, R & D, Charitable, and Government access partners establish National data administrator.
- Provide ongoing governance of Regional Access hub and advocacy for the Regional stakeholders within the national data administrator via a Industry I Board advisory committee and click revenues

Chairman. TBA (Co Chair representatives from ASCA Industry Board and IOTAA recommended

Project Workstream 8 – Consumer Access Limited Partnership (RALP) – Project section 2 - Community

Purpose

Provide the CL system Consumer Access business model and funding allocation to an approved Not for Profit Regional partner. As the General Partner Regional partner establishment of the “Consumer Access” Limited Partnership with members as Limited Partners. Limited Partnership governance to autonomously operate the Consumer Access data hub within the CommunityLink decentralised autonomous smart city network on behalf of all consumers.

Terms of reference

- Secure Consumer Access business model, platform access and \$2ml start- up funding to secure matching grant or Industry Limited partner capital funding.
- Establish Consumer Access Close group consensus and data hub to engage consumers underutilised computing resources for to support the underlying platform necessary to deploy Phase 1 smart industry solution
- Ensure Consumer driven imperatives, benefits and outcomes such as privacy, identity security and personal data ownership form the core of the single unifying national data/IOT smart city vision to enable decentralised autonomous IOT inter regional and industry data sharing
- In partnership with Consumer, Industry, R & D, Charitable, and Government access partners establish National data administrator.
- Provide ongoing governance of Regional Access hub and advocacy for the Consumer stakeholders within the national data administrator via a Consumer Board advisory committee and click revenues

Chairman : TBA

Project Workstream 9 – R & D Access Limited Partnership (R & D LP) – Project section 2 - Community

Purpose

Provide the CL system R & D Access business model and funding allocation to an approved Not for Profit Regional partner. As the General Partner Regional partner establishment of the “R & D Access” Limited Partnership with members as Limited Partners. Limited Partnership governance to autonomously operate the R & D Access data hub within the CommunityLink decentralised autonomous smart city network on behalf of R & D stakeholders.

Terms of reference

- Secure Industry Access business model, platform access and \$2ml start- up funding to secure matching grant or Industry Limited partner capital funding.
- Establish Industry Access Close group consensus and data hub to deploy R & D to support the Phase 1 smart industry solution and subsequent social & economic functionality whilst receiving an ongoing systemic revenue stream from the national system to support targeted R & D
- Enable the higher learning section to engage with a single unifying national data/IOT vision, strategy, business model, organisational methodology, legal & commercial structure & commercialisation strategy to enable decentralised autonomous inter regional, industry & R & D data sharing
- Enable Higher learning institutions to establish their own smart campus hub to support establishment of and create the ability to interact with an national open data infrastructure exchange and receive R & D funding
- In partnership with Consumer, Industry, R & D, Charitable, and Government access partners establish National data administrator.
- Provide ongoing governance of Regional Access hub and advocacy for the Regional stakeholders within the national data administrator via a R & D Board advisory committee and click revenues

Chairman : TBA (Data 61/CSIRO nominee recommended)

Project Workstream 10 – Charitable Access Limited Partnership (CHA LP) – Project section 2 - Community

Purpose

Provide the CL system Charitable Access business model and funding allocation to an approved Not for Profit Regional partner. As the General Partner Regional partner establishment of the “Charitable Access” Limited Partnership with members as Limited Partners. Limited Partnership governance to autonomously operate the Charitable Access data hub within the CommunityLink decentralised autonomous smart society network on behalf of Charitable stakeholders.

Terms of reference

- Secure Charitable Access business model, platform access and \$2ml start- up funding to secure matching grant or Industry Limited partner capital funding.
- Establish Charitable Access Close group consensus and data hub to receive and allocated an ongoing systemic charitable contribution from the systemic efficiencies created initially by the Phase 1 smart industry solution and subsequent social & economic functionality
- Enable Charitable Institutions to establish their own smart campus hub to support establishment of and create the ability to interact with an national open data infrastructure exchange and receive Charitable funding

- In partnership with Consumer, Industry, R & D, Regional and Government access partners establish National data administrator.
- Provide ongoing governance of Charitable Access hub and advocacy for the Charitable stakeholders within the national data administrator via a Charitable Board advisory committee

Chairman : TBA (Community First nominee recommended wots his name

Project Workstream 11 – Govt access Limited Partnership (RALP) – Project section 2 - Community

Purpose

Work with Government to design a CL system Government Access business model, funding and governance to autonomously operate the Government Access data hub within the CommunityLink decentralised autonomous smart society network on behalf of stakeholders in all levels of government.

Terms of reference

- In partnership with the Digital Transformation Office design a CL system Government Access business model, funding and governance to autonomously operate the Government Access data hub within the CommunityLink decentralised autonomous smart society network and .
- Establish Government Access Close group consensus and data hub to generate the systemic efficiencies created initially by the Phase 1 smart industry solution and subsequent social & economic functionality
- Enable Federal , State & Local government institutions to establish their own smart campus hub to support establishment of and create the ability to interact with an national open data infrastructure exchange
- In partnership with Consumer, Industry, R & D, Regional and Charitable Access partners establish National data administrator.
- Provide ongoing governance of Government Access hub and advocacy for the Charitable stakeholders within the national data administrator via a Government Board advisory committee

Chairman : TBA (DTO/Paul Shetler)