

Canadian Crisis Response COMMUNITY WORK PLAN

- Addressing life, liberty and security of the person -

- Welcome -

We present here a Community Work Plan, inviting all to join.

A public Canadian Social Security Action Plan with three main parts.

Your life and work protected under the Canadian Constitution Act (1982).

Respective of our Canadian Charter Rights and Freedoms to crisis response.

In care for seniors and this young generation, creating work and going green.

1. Social Care

Join our Hours Bank, a new pillar of Canadian Social Security.

Help someone in need. Bank your hours. Receive help later in life.

This is social security across the generations. Get help with anything you need.

2. Business Creation

We invite you to join our federally incorporated Company of Canadians.

We have multiple ventures on the go, covering all sectors of the economy.

This is not a hiring situation. Join as a club, connect with others, start a business.

3. Government Relations

Introducing Public Government, forming a second City Hall online.

Join our Canadian Charter Action Team, the Ccats, directly defending our lives.

Directing our employees in government as to the work they must do for us under the law.

Operating under Supreme Court of Canada Constitutional directives, I am pleased to offer these crisis-response initiatives of social care, business creation and government relations.

Dr. David Teertstra, National Care Coordinator, HoursBank.ca

- Introducing Three Public Initiatives -

Concerning the Right to Decide, Direct and Determine Your Own Life

1. Join our Hours Bank. Connecting people to create work and solve social issues. This being non-economic social security including all volunteer work. In care for seniors, creating the public part of a National Retirement Care Plan. *Help someone in need. Bank your hours. Receive help later in life. Get help with anything you need.* This being Section 7 Constitutional social security across the generations, the right to ask for help and the freedom to give help. Inherent to friends and family, now including broader circles with additional skills. In care for people, recording work done banking **Social Security Hours**. In ecologic care, planting trees or food and flower gardens, banking **Eco Hours**. In job creation, banking **Venture Hours** that may or may not see a return. *With help needed now, building our social website connecting people by causes and projects, covering all issues of public concern.*

2. Join our Company of Canadians. This is not a hiring situation. You simply join as a club, connecting with others to create work. Operating under the Canadian Charter of Rights and Freedoms, allowing access to your inherent social and economic rights to work freely with others. Gathering people around ideas and projects. Pitching in time, talents and ideas, our work ensuring foundational Section 7 life security. In parental care, creating a permanent pool of work for youth recognizing their Pioneer Rights to gain a foothold in life. The right to work, fundamental to security of the person, requiring access to people, places, tools and trucks, a Community Work Plan. Join an existing venture or start your own. *Welcome to the Company of Canadians, your company of family and friends.*

3. Public Government. Directing our employees in government, who live on our social assistance, as to the work they must do for us under the law. This being our right to decide, by equality under the law. Under the Charter, our contract recognizing who pays. Recognizing what we are free to do in all areas of life off-limits to politicians. The right to determine and decide our lives at a Constitutional level above and beyond the interference of government. The primary parental right to ensure a fair, sustainable, and survivable future for our children. Our right to use our best ideas to move forward. Our right to direct, decide and determine the best use of our time and money, as an inherent right of trade, also evident in our structure of government as a Constitutional monarchy. *Now creating a second City Hall online, addressing the content of all laws and bylaws under Supreme Court of Canada directives and processes to ensure fair engagement.*

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Groups, Ventures and Causes

Concerning integrity of the person, the fundamental human dignity of work.

Many market-tested, complete with business plans, structured to add your own interests.
Including open-source projects, work, business ventures and National Security Initiatives.

Hours Bank, a new Public Pillar of Canadian Social Security

Founding Members Drive, starting now. Final cost, 25 cents per Canadian.

Help needed: Community Servers and Social Media Website. Bank your Social Security Hours, Eco Hours and Venture Hours * Climate Kids * YouthWorks * Retirement Care Plan * Spring Seeds Fundraiser * Food & Flower Gardens * Crisis Response Command Centre * Farm Help * Mobile Work Camps * Labour-backed Work Loans * Homeless Crisis Action Plan * Plan to Save Our Kids * Connecting all volunteer communities by social care across the generations. See UCNewsCanada.ca video 2, also 1, 5, 6, 9, 10, 12, 25, 32, 36, 46 to 48.

Company of Canadians, Federally Incorporated under the Charter for all to Join

Social Media Servers Team, needed now. Reporters, join UCNewsCanada.ca.

With servers hosting videos and Community Work Plans. Join our Truck & Tool Club * InventCamp * Land Buy Group * Inner City Orchards * Inner City Gardens * CNC machining group * CC Banking and Insurance * DirectPay * Take-a-Look Car Repair * Take-a-Look Appliance Repair * Pizza Party * Community Work Land. Forming manufacturing groups in wood, metals, plastics and electronics. Join our E-bikes, batteries and SEVs group, making Small Electric Vehicles and Off-Grid Power Tools. Many new inventions and products to roll out. Sustainable development goals in housing, food security, greenhouses, cold rooms, an Energy Research Group. With National Security Initiatives in energy and medicine founded on new electrochemical physics for predictive battery manufacturing. Needing all people of all skills to go green at large scale. Structured to run your company within the company, accessing people and resources as needed. Got a project? *Write Your Plan, Find Your Team.* See UCNewsCanada.ca video 3, also 1, 9, 10, 12 to 14, 21, 26, 32, 36, 37, 46 to 50.

Public Government, starting with a second City Hall online

Directing our employees in government as to the work they must do for us under the law. Join the Canadian Charter Action Team, the Ccats, defending our lives and freedoms, countering crime in government. Join our Tax Reduction Program. Join our Land Use Group, creating Charter Land. Help write the Pioneer Act, protecting each new generation. Creating a second City Hall online, the one we want. Determining the reasonable limits of government. Assessing our Constitution Act and writing a

responsive one by equality under the law. See UCNewsCanada.ca videos 1, 4, 5, 7, 8, 13 to 20, 22 to 25, 27 to 31, 33 to 36, 38 to 45, 49 and 50.

For Those Wanting More Detail

Finding here the content of three flyers, designed for two-sided printing on a single page, folded once. Canadians across the country being free under the Charter to use these flyers and their open public content in any social security initiative supporting life, liberty and security of the person. With downloadable logos, name-tags, sign-up sheets and how-to plans available to all to use. Having a right and freedom means you do not have to ask permission. In placing trust in individuals as the foundation of free life and democracy, here allowing the creation of needed diversities of ideas unique to the person and the culture(s) within which they reside. Additional documents for community organizers are available on UCNewsCanada.ca.

Hours Bank

A New Pillar of Canadian Social Security

Help someone in need. Bank your hours.

Receive help later in life.

Social Care Across the Generations

“Give the Gift of Help”

HoursBank.ca

This young generation, trapped between low wages and high house prices, also facing grim future. Unable to get started in life. Seniors, alone and isolated as prices soar. No one shows up to help. Who cares for them? **This is not about money, it's about care.** It's what we do. We show up and help. These being your social rights to safe & secure community.

Help a Senior. Plant a food garden. Bank your hours. Get help with your computer, car repair or any issue in your life. This is social care across the generations. **You'll be supporting YouthWorks,** creating green jobs for this generation of young Canadians. Under parental care, direction and investment, let's get this generation set up in life and business. Most of what we buy is not that hard to

make. With food prices soaring, the obvious plan is to grow food. Anyone can use the YouthWorks logo to get going.

Help needed: Join our Founding Members Drive. We don't need a lot to get going. We have a server. We just need programming. With operations like Wikipedia, we're looking at a final cost of 25 cents per Canadian. Canada's Hours Bank. Connecting, Building and Securing Our Lives.

What is the Hours Bank?

The Hours Bank is our natural system of care for people, friends and family. It's care for our life-sustaining ecosystems. In social security, parents spend about two decades caring for kids, but in old age require less than a decade of care. We naturally help those in need. Often our social circles are too small, our care systems too costly. When we need help, we have no one to turn to. How can we connect those needing help with those offering to help? **Join the Hours Bank; help us get it set up.** *Help someone in need, bank your hours, get help when you need it.* That help could be as simple as a car repair, planting a garden, or solving a computer problem.

How much does it cost?

It's free. It's not about money, it's who we are. It's run by volunteers, who also bank their hours. All across Canada, people stop to help others. Our currency is hours. But we have real expenses, of outreach and servers. We aim for a final cost of about 25 cents per Canadian.

Are all volunteers in organizations eligible?

There are many volunteer organizations, each critical to building a caring society protecting the vulnerable, protecting the future for our kids. Each volunteer will one day need help. Helping someone in need is an essential form of self-directed self-determination, a way we communicate care in a free, fair and just democratic society. Concerned by our children's rights to a healthy life. All volunteers in all organizations can bank their hours.

How is the Hours Bank protected?

The best protection is you. You decide if the help you provide is needed and necessary. You decide the best use of your time. One person starts with a request for help as a Freedom of Expression. It's your choice whether or not to respond. You are free to assist, or not. Just because someone built up a number of hours helping others does not mean they are owed help. To ask for help is a right. To offer help is a freedom, with neither being compelled.

What are we free to do?

All activities across the Charter-protected core economy of essential human needs. You can create a family support network. Any work that strengthens social security. Make a club of friends to call. Help a senior. Bank your hours. Get help with your computer, car repair, or planting Food & Flower

gardens. Find friends to start a business. We cover the full range of non-economic activities, anything that strengthens life and society.

Where are we?

Online, all across Canada at HoursBank.ca. We set this up as a self-serve structure with plans, ID badges and flyers freely available to anyone to download and use anywhere. Form a group of helpful friends or create an Hours Bank for your town. We are developing the online social servers in Waterloo, Ontario to make sure it works well.

Why is it needed?

In crisis, we need to respond to broad common needs of food security, housing, work and more. This response must be speedy. We need a free self-serve system, easy to start, understand and use. Flexible enough to meet local community needs, adaptable for friends and family. Helping is a fundamental Freedom of Expression, communicating care. Care having been removed from government, many are in crisis and requesting help.

How does it work?

Your time is valuable, as valuable as paid work. And just like paid work, you record your time and what you did. The person you worked for signs it off. You can work alone or in groups. You can solve specific issues, or as an organizer tackle all aspects of life at once. We aim to protect life and the basis of life for everyone by doing needed and valuable work. You are free to do anything meeting essential human needs, addressing critical issues, defending a fair and sustainable future for our kids. You are free to protect life and liberty and build security of the person. Within reasonable limits using consideration of impact on others as the basis of life and law.

Can I start now?

Yes. There's no need to wait. The Hours Bank is designed for immediate do-it-yourself use anywhere you live. Consider these FAQs as your personal DIY action kit. It can be as easy as gathering friends and family, and creating a personal life action plan to ensure you all have a good future. Under the full set of Rights and Freedoms of our Canadian Charter, no one can stop you from doing good work that supports life - in any way, shape or form you like. Use the Hours Bank as you see fit to meet personal, family or community needs. Add friends to your group. Bank your hours on paper. This is an emergency. Don't wait for an 'official' national structure to be built. You can use the badges, logos and templates on the website right away.

What's the big idea?

Often we help friends in trade for pizza. In return, they help you later. You can give freely without expectation of return, or get help later. The Hours Bank lets you return the favour to anyone. You may need computer help, but that's not a skill your friends have. Now you can access the broader pool of

smart, caring, skilled Canadians who understand our social fabric of caring connectivity. Most Canadians don't think twice about helping someone get out of a ditch. Here, we broaden the exchange of help, teaching and transferring how-to knowledge that's critical to our whole society. It's our social contract.

Join the Company of Canadians

We invite you to join our federally incorporated Company of Canadians. We have multiple ventures on the go, covering all sectors of the economy. This is not a hiring situation. Join as a club, connect with others, start a business. *Connect with us on UCNewsCanada.ca.*

Aiming to go green, the Company of Canadians is a limited-profit social enterprise using the Canadian Charter as its charter, tackling every issue of life and foundational life security. *We are now looking for highly competent Canadians to guide our nation through crisis into permanent life stability.*

Life is unaffordable. An entire generation of young Canadians is now trapped between low wages and high house prices. We are in a work- and food-security crisis requiring a significant scale and speed of response. We are in a global species extinction event facing a grim future. Now is the time to act. We know the problems and we know what to do. We have many solutions. Join our **Buy Bulk Club**, saving big on supplies.

Using the **Hours Bank**, those starting a venture can bank their Venture Hours, recording time, activities and expenses during the critical business start-up phase. Help build our website of social connectivity.

Join our **Communications Team**, covering all the critical issues. Join our **News Team** running **Community Servers**. Not just reporting but calling for action on solutions including **Public Government**, your right to choose and decide.

Those with tech interests can join our **Social Media Servers & Java Programming Group**. We have critical content written, a format and business plan with an HP Gen10 server ready to use. Company members are **CC Print Shop** co-owners getting supplies at bulk prices.

Join our **Truck & Tools Club**. Need a car? Use the company car. Want to try a computerized embroidery machine, access a truck sometimes, or borrow a bag of plumbing tools? Need a ladder, a trailer or a hand? Welcome to your Company of family and friends. Connect with others to use your group purchasing power to buy bulk, slash life expenses and gain access to tools and equipment. Join our **Buy Bulk Club**, also buying land.

Join our **CNC Machining & Manufacturing Group** to work wood, metals and plastics. Most of what you buy is not that hard to make. Now your designs can be carved, cut or printed directly from computer into products at machine production speed. We have a CNC carving machine ready to use. We have innovative strong designs in woodworking, in tables, doors, trusses and chairs. We recycle and rework plastics and metals, making molds from aluminum and zinc, reshaping steel.

Join our **Batteries, Solar, Motors and Off-Grid Power Tools Manufacturing Group**. Join our **Electric bike and Small Electric Vehicles (SEVs) Sales, Repair and Manufacturing Group**. Join our **Electrochemistry Working Group** for metal coating, thin-sheet deposition and lithium battery manufacturing. Here we have the basis of physics in materials science for innovative industrial and medicinal design. Join us to tackle wise energy use, transportation and ground-temperature heating and cooling systems for houses.

Now is the time for parental protection of this generation. Protecting the basis of life and all life-sustaining Charter-protected work in our core economy of essential human needs. Not by a grand scheme, but by parents who know their kids well, making small business plans, connecting with friends, family and neighbours. A plan to repay a rototiller needed to plant **Food & Flower Gardens** and build real life skills.

Join or form a **Land Use Group** for significant efforts throughout our neighborhoods to attain local food security. Form a **Food Security and Ecologic Health Group**. With plans for greenhouses, harvesting, storing, processing, making and selling products. With free business plans for inclusive low-barrier work. With fruit trees and flower gardens supporting bees. With plans to start planting early.

Propose a business or help build one in **Farm Help** for food security and sustainable rural economic development. Building cabins, growing food, getting work parties out to farms. Join our **Land-Homes-Work Deal** to exert your **Pioneer Rights**. These being urgent needs requiring parental and community support for sensible action. This is an all-hands-on-deck moment in Canadian history with the lives and future of our children on the line.

Requiring cabins and mobile Work Camps in UN-style prospector tents for Farm Help with business and product development. In sustainable rural economic development, an Invent Camp, a Programming Camp, an Engineering Camp, a Physics Camp. To this end we have written a Community Work Plan indicating of what is possible to regain a healthy integrated life under Section 7 security of the person rights and freedoms. **With additional work posted on UCNewCanada.ca.**

Join or form a **Youthworks Green Team**. We have multiple green ventures road tested and ready to roll out. In food and work security, join a Green Team or work on your own to plant **Food & Flower**

Gardens. Join a project or start your own. We need immediate job creation working wood, metals and plastics, generating multiple products and product lines, unleashing your skills of design and creative invention. Drawing also on the great designs of our past, returning great tools to the market.

Operating under the Canadian Charter of Rights and Freedoms, allowing access to your inherent social and economic rights to work freely with others. Gathering people around ideas and projects. Pitching in time, talents and ideas, our work ensuring foundational Section 7 life security. In parental care, creating a permanent pool of work for youth recognizing their Pioneer Rights to gain a foothold in life. The right to work, fundamental to security of the person, requiring access to people, places, tools and trucks. Join an existing venture or start your own.

Is everything in place? No. We need lawyers, accountants, farmers, students, bakers, makers, welders, crafters, gardeners, organizers, planners, thinkers, do-ers. A bit of everything, unleashing your creativity and giving outlet for all the interests that make up who you are and who you can be. For debt-free economics, join our zero-interest **CC Banking and Insurance Group**. We need programmers to get our servers set up.

For now I am handling all the social connectivity personally, writing this Community Work Plan and gathering people around diverse interests and opportunities.

Dr. David Teertstra, National Care Coordinator, HoursBank.ca.

Public Government. *Creating a Second City Hall Online.*

Equality under the law means equal power of decision making. Here forming a second City Hall online to choose how we want to live, directing our employees in government to the work they must do for us under the law. It's our money. We will decide. Forming a **Land Use Group** under Section 7.

The Canadian Constitution Act (1982) requiring equal relations between those writing the law and those impacted by the law. We have equal say in all matters impacting our lives and future. Yet workers in government refuse to obey our top laws and forget they live on our social assistance, with land, buildings and everything provided for free. They operate by force, threat and bullying, refusing to tackle the major issues gutting our lives.

Using our Second City Hall website, we will debate and decide all issues under the law using our Charter *Section 1* requirements of fact, evidence and reason in the context of care and justice. Using *Section 7* to ensure ongoing life, liberty and security of the person for all, concerned for the future of our children.

Using Charter *Section 15* to ensure equitable and fair relations between workers in government and those struggling to pay for it all. We will then vote and decide which City Hall we want, in defence of our lives

by equal benefit of the law. This being our choice and freedom in a fair and justified democratic society. This also being technologically easy to do.

Right now we have no say at all about anything concerning our lives and future. We won this obvious and inherent right to equality under the law in 1982. It's time we exerted ourselves.

Equality under the law does not divide us, for we are united in our essential human needs. United in our values of hard work and honesty, connected by common currencies of fairness, justice and equitable relations between people. Our social security relies on justice, grounded firmly in the physical reality of our lives. It also defines the intent of Ministries, good human relations and Criminal Code violations. *Section 3* is clear; our elected officials have no special powers of decision-making. They have no special powers to rule over our lives. We are united by the universal principles and practices of our Canadian Constitution Act, neglecting it to our peril.

Under the law, we will examine parking policy, having received many unjust tickets. We continually prove the law wrong, yet nothing changes. Will parking meters help us go green? Are they a hindrance draining our lives and destroying the planet? Is this the purpose of government? Is there a basis in justice, or is this an illegal business operation?

We will examine dog licensing. Four decades ago, City Hall was required to provide a basis in fact, evidence and reason. What is the problem? They refuse to say. City Hall aims to take in millions, so that must be quite the dog problem! We say this is a Grade-school problem, and the work of defining it belongs to students. As it stands, under *Section 52*, we don't have to pay. Unless the Mayor and council can provide a strong and compelling argument we can agree with, these bylaws are of no force or effect. That is the law.

Equality of decision-making under the law means that our smarter, better solutions win under *Section 1* of our Constitution. We have better reasons and solutions based on physical reality that have nothing to do with criminal code violations of fraud coupled to threat, force and bullying if we do not agree.

We are alarmed by the plans City Hall has for our children. They cannot get started in life. We will write the Pioneer Act. Why are tiny homes and the Pioneer Rights of this young generation denied? Not one can start a business repairing bikes, or making and selling pizza. These activities are not that hard to get into, not dangerous, and quite needed. Why is there extreme opposition to growing and selling food, to the extent that we cannot respond to food crisis here and worldwide? Under the law, we will consider care for people and the ecosystems that sustain our lives as the sole basis of the economy. That is the law.

Under the law, the core components of our lives, needed to attain basic life security of essential human needs, are by necessity Constitutionally ABOVE profound political interference. This is *Section 7*. All workers in government must support life, liberty and security of the person, not conspire against us. Yet a handful of people in the lowest level of government, City Hall, have aimed for complete control of every

detail of our lives. Working fully against the law, against the justice system and against our fundamental rights to life. The Criminal Code charges include Fraud and Sedition.

This City Hall has taken all the work that belongs to the community and handed it over to unlimited-profit corporations. Claiming we are not allowed to do anything, even to save our own lives. Claiming we have zero decision-making power, we are left with nothing to do. In 1982, we rejected such totalitarian control of our lives, with all options and recourse removed. We rejected crime in government. Yet we still have no Freedom of Association from those who drain our lives and drive our destruction. Leaving us no recourse but to act in widespread civil obedience, obeying our top Canadian laws designed for our good, following the clear directives of our justice system. This we will do, for this is the meaning of *Section 1*. Live not by lies.

The Supreme Court has ruled that we have the fundamental right to make critical decisions concerning how we wish to live, whereas the Mayor and council have determined this for us with no basis in fact, reason or respect for our lives and the law, to our detriment. This is not government. This is a handful of barely competent people aiming to rule by force to drive all residents to the worst ends possible. We are not amused.

By equality under the law, we will assist the Mayor and council in areas where they lack education or interest in making decisions with a life-sustaining balance of social, ecologic, ethical and economic factors. Which if untended to guarantees our children an exceedingly difficult future. We have a vast pool of community expertise to draw on, whereas the Mayor and council have limited time in the day to even begin to grasp the basis of the issues. Using root-case analysis under SCC direction, we will direct our City Hall. We have the right and freedom to do.

In equal citizen-government relations correcting many woes, as part of this **HoursBank.ca** public social security initiative, you are also invited to join the **Ccats, the Canadian Charter Action Team**. Acting as caring parents, defending the lives of this generation of young Canadians against massive corruption in banking, business and government driving our destruction. Writing a responsive Constitution.

In action on the homeless/housing crisis, defending the Pioneer Rights to this generation to start a life and build it by the work of their own hands, join a local UN-tent-style mobile **Crisis Response Command Centre** to take back our lives and land.

Hours Bank Projects. *For Open Involvement*

You have no money, but need help. You have no land, but need a place to grow food. You have business ideas, but need people to work with. You may be a senior needing help, but without enough money to hire someone. The vast majority of the population having no problem helping someone out. We can all

use help sometimes. In Canada, volunteers keep life and the economy going. These are problems of social care and connectivity, requiring people gathered around solving social problems.

It takes a lot to keep your life running, this unpaid work essential to maintaining the integrity of our lives, families and country. Particularly concerned for those who are alone and isolated. Trapped in life not knowing where to go, what to do. This not being a personal problem, this being a social problem. Each realizing that their individual rights are not actionable outside the context of a fair and just society concerned for their well-being.

This being a Constitutional matter of integrity of life. A fundamental right to ask for help, a freedom to offer help. In relationship with others, communicating care respecting dignity of the person. This being freedom of expression. A practical problem of connecting those needing help with those offering help. An entire structure of government, formed by sociopaths refusing social connectivity. Not a single place to call for real help. We have the internet as a low-cost tool of connectivity, but not a single social media website connecting those in need with those willing to help. Not one allowing people to connect to create work. Yet for practical people quite capable of solving any social issue, it is now fairly easy to create a system of social care and connectivity.

Our Canadian Charter being designed for these most generous interpretations, aiming to minimally restrict rights, freedoms and creative solutions to problems. Here we find no need to restrict any helpful activity of an Hours Bank user connecting with someone in need. This being a normal healthy activity we all engage in daily. Opening doors, answering questions, offering to help lift groceries. Our Charter is designed for all such normal healthy activities of honest, open and beneficial intent.

Asking for and offering help being a natural activity inherent to daily life, we find no need to create special rules outside the reasonable limits natural to a functioning democracy respecting inherent rights and freedoms. That is, the limits here are the same as those inherent to the normal activities of society, pleased by actions that are of good intent, useful and helpful, displeased by actions of poor intent and poor outcome. Placing here our trust in the goodness of the average person of the sort we meet everywhere in daily life. In seeing a variety of social, economic and ecologic problems we ask, what would a reasonable person do?

We face here the challenge of creating a structure of inclusion and involvement meeting all needs. Offering self-help tools, allowing a high school student in Nunavut to take the idea and run with it, or an organizer in Saskatchewan to solve issues of national importance. Our Constitution being structured under Section 1 for competency, under Section 15 by concern for impact on others, and under Section 7 for defence of the foundation life security of all. Seeing no need here for a top-down imperial structure, but for a self-directed self-serve structure allowing speedy response at all scales across the country to solve problems and assist those in need.

The core of this being communications. Noting the low cost of small-business micro-servers with full capacity for community connectivity. Complete with free server and Mediawiki software requiring a core team of programmers to get it up and running. By comparison to Wikipedia operations, the final cost estimated to be about 25 cents per Canadian. In this low-cost system of social care, we see great

benefit and returns on foundational life security and the freedom to solve problems of major social concern. In this, banking your hours to receive help later in life when you need it. This being social security across the generations, including concerns of wisdom transfer.

Help being needed to build this platform of **Community Servers** with **Social Media Website**.

Help being needed in **fundraising** and **social media outreach**, with experts in social connectivity.

Help being needed in immediately **banking hours for all volunteers in volunteer organizations**.

Help being needed **connecting people in food security**, structuring **Climate Kids**, **YouthWorks**, **Spring Seeds Fundraisers**, summer work, **Food & Flower Gardens**.

Help being needed in **getting care to seniors**, getting them the help they need, a **Retirement Care Plan**. Creating a second City Hall online, the one we want.

In response to the housing, work and food-security crisis destroying foundational productivity, help being needed to roll out our **Homeless Crisis Action Plan**. Erecting mobile tents as **Crisis Response Command Centres** to roll out solutions and **Community Work Plans**. In food security requiring **Farm Help** and **Mobile Work Camps**. In parental care creating **Community Work Land**. Charter land, permanently off-market.

In providing a basis of work protecting foundational life security, banking **Eco-Hours** and offering **Labour-backed Work Loans**.

All this being a matter of **Public Social Security**, requiring public involvement in the essential elements of our lives. This being **Our Charter Mandate of Self-directed Self-determination**, required by anyone who wishes to remain free. The Hours Bank being our non-economic domain of thought and ideas, working as individuals or with others in creative problem-solving, a means of connecting with others to help. A lengthier document for Organizers is online at HoursBank.ca.

Join a group, bank your hours:

HB1. Community Servers. *Website, outreach and fundraising.*

HB2. Retirement Care Plan. *Help a senior, build your social security.*

HB3. Crisis Response Command Centres. *Farm Help, Mobile Work Camps.*

HB4. YouthWorks. *Creating permanent pools of work across all areas of life.*

HB5. Canadian Charter Action Team. *The Ccats, defending our lives and freedoms.*

HB6. Climate Kids. *Parent-directed, writing the Pioneer Act, writing a Plan to Save Our Kids.*

HB7. Add Your Idea Here. *There's no shortage of causes. Tackle a sustainable development goal.*

Company of Canadians

Open work projects, create your own work

Companies are often structured around individuals with extreme self-interest. Problems arising when a controlling individual hits the limits of their personal productivity, desiring a life far beyond what they can build by the labour of their own hands. In harnessing the labour of others for profit, creating conditions in which essential needs cannot be met. In worst possible outcomes, structuring entire cities against the growing of food, removing all places where people can connect with others to work, make and sell things. In this, removing the foundations of life security.

The concern here being individuals engaged in types of “work” that are not productive, but focused entirely on draining the lives of those who do work. Prioritizing all of life in Canada for undue gain to the extent of destroying foundational life security, destroying the productive basis of the economy. That basis being your solutions, inventions and ideas, the right to direct and determine your own life.

Finding ourselves profoundly disinterested in the takeover of our lives by those operating without law, reason or limit. Wanting Freedom of Association from those who control and plunder our lives, aiming to remove all reason and reasonable options, forcing us to no good end. Wanting the right to a structure of life wherein our lives and talents are not wasted. Preferring freedom over the forces of degradation.

Desiring here our existing Section 7 rights to support ourselves by the work we do, gaining a firm basis in foundational life security in the meeting of essential human needs. Our right to grow food. This requiring practical, reasonable low-cost places to start. Places to invent, and make and sell products. The Pioneer Rights of each new generation to gain a foothold in life. A structure of society supporting direct parental investment in this generation. A structure of life maintaining integrity across the generations. All this denied in Canada, yet found in our Charter.

In a healthy democratic country respecting the dignity of work done to meet essential human needs, we have a Charter guaranteeing our rights and freedoms to do work protecting life, liberty and security of the person. This being our core economy of essential human needs, the work needed to build and secure our lives. Our essential human needs being quickly determined by imagining a scenario of survival. Our essential trade relations being quickly determined by imagining what it takes to create a Pioneer Village. Considering here the Pioneer rights of each new generation to gain a foothold in life and build it by the work of their own hands, asking why this is denied. Under Section 7, this being the attainment of basic life security by the work you do. This being the law, fully rejected by those of ill intent and unsound mind.

Instead of freedom, we encounter a structure of life in Canada determined to remove foundational life security. Such that many are needlessly unemployed for long times, in great distress on fixed income, unable to attain basic life security no matter how hard they work. Finding the integrity of our lives removed by those imposing insane acts against our Sections 11 and 15 fair trade relations. Destroying the basis of life, disregarding the law, attacking personal, social and national security. Denying the fundamental reality of our lives, working by fraud to devalue and undermine our lives.

Yet we have a Charter containing all the principles needed for a fair and balanced life, including a place for additional principles in active use. We also have across all society no shortage of solutions, the concern being maintenance of a healthy integrated life. This being the integrity of your life, your right and freedom to engage only in activities beneficial to life.

Considering the scale of the problems we face, these being common problems across the country, one solution is to create of a company all Canadians can join to go green. Formed under the Charter, reasonably limiting incomes by active focus on maintaining foundational life security for all. This being Charter-protected work in the core economy of essential needs, with broader work addressing all aspects of life in Canada. With particular parental focus on the lives of this generation, this occurring at the Constitutional level of our lives. Finding no need to re-invent business plans or decision-making processes already in use, but making these available to all.

The question for each new generation being how to start life with little and gain life security. The most obvious option, for those starting with a pack of seeds, is to grow food. The problem being a structure of society wherein all places to do this at substantial scale have been removed, entire cities being put into foundational life insecurity. This being just one line of work requiring access to a relatively inexpensive set of tools. These being categories of repair and renovation, care for people and ecologies (home and garden work) in a service economy of fundamental trade recirculating money locally.

The greater problem being the step up to manufacturing, understanding that most of what we buy is not that hard to make given access to tools and people to work with. Finding many great things to make, build and do on the internet, excited to get started but finding ourselves blocked and frustrated in our every action by an entire older generation of adults working against us removing any chance to even begin.

By forces of senseless extortion of essential human needs against all law, removing fundamental freedoms of life, removing all economical places to begin. We have seen this before, throughout history, and we know both causes and solutions. Finding major remedies for such inequities deleterious to life throughout our Canadian Constitution Act. Forming here a Company of Canadians operating under the Charter to exert our fundamental rights to life, liberty and security of the person by the work we do. Restoring community work, with open work projects providing foundational life security for all.

Designing here a Company operating fairly and equitable under the Charter, in which you have the right and freedom to create a company within the company. Getting help and support as needed. Connecting with others to gather team members around your project. Creating an online structure for involvement, understanding that much needs to be done and developed. An initial structure allowing direct connection between people, doing this on paper and on the ground by good old printing and social connection. A participatory structure of involvement, wherein you can write up a proposal, post and **Create Your Own Work**. The few examples here coming with business plans and a significant depth of operational working knowledge, not just fanciful conjecture.

CC1. Describe your Project, Find Your Team

This Community Work Plan providing only a few examples of what is possible. Understanding the problems of life in Canada, and how hard it is to get started. Here, you can create your own work. Find your team. The key need being community connection for job creation. Creating a place here for you to write up your project, gathering team members and support as needed. The Company of Canadians structuring itself to gather the essential members of a business team along with tools of connectivity from accounting to marketing to printing, here to use if needed.

What's your idea?

Who wants in?

CC2. Communications Team

Print Shop, Community Servers, News Team

Outreach. Creating jobs. Speaking on the most urgent issues in our lives and facing humanity. Voting on the issues in our communities. To have direct control over our lives, how we wish to present ourselves, and how we wish to communicate and engage with the world. To not be attacked by ads, but to be free to find the products and services you want to find. To be free from tracking, being watched, and the social plunder of our lives and ideas. Clarifying our fundamental rights to privacy; the right of users to define privacy on their own terms. A server designed by and for democratic social benefit under Canadian Constitutional law.

By community connection, tackling food security, housing security and work security protected by the principles and practices of our Canadian Constitution Act. Using Freedom of Speech as one Freedom of

Expression, our right to act under the law. Freedom of Communication being our fundamental right of social connection and care across the generations.

Requiring a Community Ventures program of parental-care investment in this generation of young Canadians. In this, a certain amount of fun. In each community, an invitation to create a telethon fundraising variety show on Youtube and local TV. Calling for community investment of knowledge, skills and tools in supporting job creation for youth. One with a dream for bees and fruit trees, another wanting a rototiller and garden tools to tackle ecological care and grow food. Calling hosts, musicians and entertainers, and fundraising crews ready to go with caring social investment.

Join our UCNews Canada news team. Become a reporter or a news anchor. Write, direct and post videos. Tackle the most urgent issues of our time. We have roughed in critical content on UCNewsCanada.ca, now needing a professional team for greater outreach and impact.

Join our Community Servers Group, creating a social media website. Creating Canada's Hours Bank, to connect those in need with those willing to help. Creating work for youth, with parental investment, getting help to struggling seniors with social connection across the generations. A wiki-based website of social care and connectivity to address our web of related needs. Dedicated to the cause of going green by creating low-carbon jobs aimed at work, food and life security.

The Hewlett-Packard Gen 10 Proliant Server, complete with iLo 5 access and two Terabytes memory, purchased for our local community to run our local Hours Bank and job-creation social-security emergency response actions. Ready to run Wikimedia software on a Linux operating system. Hosting websites and a social media network of care. Doing the job government refuses to do. Anyone interested in starting a business, doing outreach and hosting Canadian-content videos, learning Java programming and servers, are now invited to join.

Needing a CC Print Shop in your community. To buy bulk paper, ink, printers and supplies, tackling all sorts of printing. As a place to run a newspaper, selling coffee and baked goods, also taking on print jobs for income. This also being critical for events, community connection and marketing any products you make. Refillable ink jet printers coming in with a printing cost of less than 0.2 cents per page. It being quite economical now to use these to print a community newspaper, this having already been tested. Each newspaper article becoming content for a news show.

If you want a summer lawn-mowing business, how would you go about it? Door-knocking? Signs? Flyers? Word of mouth, would that work? Could you gear up quickly enough? In terms of marketing, it may make sense to put together a Green Team, the entire group offering an entire set of skills in a flyer. That way, when someone asks "can you do this?", and they often do when they see you working hard, then the answer is always yes. Dropping off flyers takes a lot of time, a group effort being far more effective. In part because trust increases with an accountable group, your use of the YouthWorks brand or the Company of Canadians ID.

CC3. YouthWorks Canada

Creating permanent pools of work for youth

Inviting here all young Canadians to immediately use the YouthWorks brand to start any type of work needed to go green. Creating summer work, securing their lives, creating healthy societal structures from planting gardens to care for seniors (UCNews videos 9 and 10). This being an emergency economic response to Section 7 issues of work and food security caused by escalating prices.

Working under parental care, support, direction and investment, young Canadians are encouraged to get together with friends, list all their skills and the work they'd like to do, under the YouthWorks banner create a community flyer listing all the services they offer. Lawn and garden, cleaning and repairs, painting and organizing. With **Spring Seeds Fundraisers**, planting seeds and trees. Designing **Food and Flower Gardens** for front and back yards, and in industrial zones. With parental investment in tools, lawn mowers and rototillers. Green Bonds, labour-backed loans. In self-determination, setting your own hours and interests.

We understand that much of this work is sub-economic, with returns in food savings and community connection. In building skills and learning lines of work. You may bank your hours, helping someone in need and getting help later in life. And you may generate personal income. Consider here our **Fruit Tree Fundraiser**, already market tested for success. With food gardens for seniors, and flower gardens for bees. In which you buy trees bulk from a nursery and pass the savings on to the buyers in your community. You can do this now, as open-source work, as a right and freedom to use the YouthWorks logo. Having a right and freedom means you do not have to ask permission. It being far more interesting to invent your own work.

Planning tree care and harvesting, with plans for products. Defending life, liberty and security of the person and protecting your future under the full blessings of the Supreme Court of Canada. Doing this critical Charter-protected work of growing food and protecting local ecosystems from the pillage and plunder of banksters. Caring and helping struggling seniors. We recommend teams of students set up summer work for themselves throughout their neighborhoods.

Also under the YouthWorks banner, using Canada's Hours Bank plan for connected community, a Farm Help program. In which those struggling to afford food are encouraged to reach out to local farmers, assisting them with much-needed farm maintenance, building cabins and proposing projects with significant payoffs in mutual success. Working in teams, doing projects across the country. Using your Canadian right to a culture of care, strengthening our great mosaic of people in our common interests that unify and do not divide. In a major push for food security, as drought sets into parts of the world that used to produce our food, and wells run dry.

Recognizing that there is much we can do, in feeding ourselves and the world, in responding robustly to local and global crisis. **Farm Help:** proposing and setting up projects in beekeeping, growing mushrooms, raising chickens and turkeys, creating seed banks and vegetable gardens, protecting common and rare species, building greenhouses and root cellars, considering ground heat storage, community-scale processing, harvesting and sales outlets. Creating work in energy reduction, forest care and maintenance, and wetlands protection.

Recognizing land near water as critical to growing vegetables. Critical to wildlife, to your life, the lives of your children and the sustenance of life. Recognizing land critical to our future as Charter-protected and permanently off-limits from those seeking to profit from our destruction. Doing the critical work needed to protect the lives of farmers, attaining long-term permanent food security and work security using our best ideas, principles and practices.

We all need to eat. This is about care for people, friends and family, and the ecosystems our lives depend on as the sole basis of our economy. YouthWorks, a permanent protected pool of work for each new generation, tied across the generations by care for seniors, care for those in need and those requiring help. Because we all need help sometimes. The world is in crisis, yes, but there is much we can do about it. With no limit to our creativity, backed by hard work and how-to videos. Parents, invest in your kids. Make a plan, ask what they want to do, and get them to work. YouthWorks Canada.

CC4. Food, Food Security and Ecologic Health.

From land use to stores.

Forming here a Land Use Group. Recognizing that an entire generation of young Canadians has no place to go to grow food. Entire cities, ridiculously structured against the growing of food. Politicians, refusing to do their jobs of representing and defending citizens under the Canadian Constitution Act, their job description, requiring major effort in their daily work to support Section 7 security of the person. Yet this work is Constitutional, as a right to life and a freedom to work, our social organization around such fundamental rights and freedoms being above any worker against us in government. That is the ruling, that is the law, and as caring parents we act here at the Constitutional level, our right in a Constitutional Monarchy to work directly in defence of our lives in all areas of personal and social food and work security as the essence of our lives.

Understanding that not everyone wants to be a full-time farmer, but that many might be fine with an hour a day. Understanding that as global climate changes, and California wells dry up, that food production must shift north. Understanding that with a little organization we can generate the capacity to not only feed ourselves but respond to crisis here and worldwide. Understanding that many plants require an early start, a plan and a place for greenhouses.

Plans for harvesting, processing, coldrooms, storing and selling. The use of ground temperatures at 5 to 6 feet down, constant and the same as that in a refrigerator. Home storage. Fruit trees, Fruit Tree Fundraisers, Inner City Gardens and orchards. The organized use of yards and land we already have. YouthWorks Green Teams showing up at seniors, doing lawn care, planting Food & Flower Gardens. The broader problem of ecologic care, ensuring tree planting and berry shrubs for birds. This being an introduction to all we can do.

Considering here also food sales, restaurants and small-scale community stores. Small buildings being required as neighbourhood storage places outside homes, bringing supplies you need closer. Requiring open community markets to sell what you make and community work land essential for each new generation to get a start in life. Having here no shortage of ideas, but requiring social organization for foundational food security and ongoing life at all scales, locally and globally. Proposing here a low-cost Hours Bank for the purpose of such social connectivity around causes, projects and job creation. These work plans being best placed on a searchable community wiki.

CC5. Shelter Solutions, Farm Help, Invent Camp

Under the law, all matters of life security are Constitutionally above interference and attack by government, with each removal of a Section 7 right to life engaging Section 12 violations. In matters of survival, this is the right to life-saving shelter, then improve circumstances to reduce risk to life. These being fundamental freedoms and rights to life (UCNews Episode 47). The Supreme Court backing your right to take risk, but not have risk imposed on you. These being your Pioneer Rights to gain a foothold in life and improve from there. These being your development rights, to start life with little and build life security over time. Extreme imposed debt being a major risk to life, especially for those who cannot work at the pace demanded, or have greater purposes for their life. the concern here being the removal of essential freedoms to direct your own life.

Considering a business model in which a young person needing simple shelter and a place to work with others can reduce their expenses putting all efforts toward development of a new product or service. This being reasonable and needed, also a means of offering affordable goods and services. Starting life with minimal life security, instead they face the immediate imposition of extreme expenses forced on them by those with full life security. Force meaning choice and freedom removed, replaced by promises of unlimited State punishment, yet we see no harm done and much benefit. This being an unfair harnessed-labour contract destroying many lives along with the basis of the economy.

Of interest here is the construction of secure, safe, dry UN-style crisis-response tents, insulated for the Canadian climate. Essentially a wood-floor prospector tent, 10' x 14', with room for a cot, chair, desk and stove. With a door and windows, designed for take-apart mobility, the floor consisting of 2' x 4' modular sections for ease of lifting and transportation. For use as a **Crisis Response Command Centre** (UCNews Episode 52), or in **Farm Help** hosting mobile work camps (UCNews Episodes 12, 36). Of low cost and high value for a summer **Invent Camp** (UCNews Episode 9), a Programming or Engineering camp, with larger units for work.

The tendency being to cover these with tarps, whereas thick sheet vinyl is better and used for event tents and large farm buildings. The better alternative being vinyl siding. At small scale, essentially a hoop greenhouse with bent PVC pipe, also using metal conduit on straight sections as preferable to the weight of wood. Pink fibreglass insulation being a good choice if sewn into landscape fabric bundles. Also noting the excellent insulation value and strength of multiple-layered glued cardboard. Tents having certain advantages over wood-frame construction.

Considering also the use of simple dug ground-heat systems of blown air to cool in summer and keep above freezing in winter. In design challenge, making the structure beautiful rather than merely functional. These being suggestions to evoke numerous construction and design possibilities, dependent on tools and materials available,

In a major effort of national food security, considering also the work and housing crisis, the Pioneer Rights of this generation to gain a foothold in life, proposing here a **Farm Help** program. With mobile work crews building up farm infrastructure. Setting up businesses. Woodworking. Mushroom growing. Turkey and chicken. Sustainable ecosystems. Farm stores and work zones. Cabins and prospector tents. Proposing multiple interests and lines of work, proposing these to farmers. Considering land in the country, with room to work and zoning allowing a variety of integrated uses. **A website needed, connecting farmers with those wanting to work on farms.**

Proposing **Community Work Plans**, a chance at a life and a future. Requiring a place to develop and structure a business, a place to get started. Getting away from the crowded cities where there is no place to live, work, make and sell things. Moving light manufacturing north, away from essential farmland. Considering local production and consumption. Making things in a low cost of living area, selling in a high cost of living area. Providing a basis in food security, from which to make, bake, build and create. In rural economic development requiring low-cost living to cut the cost of living during development, needing prospector-tent **Physics Camps, Programming Camps and Invent Camps, Engineering Camps, Retreat Camps.**

CC6. Greenhouses, Water and Energy Use

A farmer in Nebraska grows oranges in winter. Using a standard plastic greenhouse, digging a trench around it 5' deep for a 4" corrugated pipe. Blowing air through with a 12 W solar fan, the temperature never goes below 4 degrees Celcius. But gets warmer when the sun comes out. The design improved if the north heat-loss side was a typical wood-frame insulated shed to store supplies and tools. Improved in solar gain by the use of mirrors directing sunlight at a heat sink (UCNewsCanada.ca Episodes 49 and 50).

This opens up year-round citrus and greens production in Canada, at production costs less than the cost of shipping from Florida or California. This also being of interest to cooling houses in summer, with 4 degree air being blown in. A great summer business, building a basement cold rooms for food storage. This ground temperature being steady year-round, the temperature of a fridge, essentially a root cellar.

For those with less land, PVC pipe filled with hot sand can be bent around a barrel, creating a spiral heat exchange unit placed in excavated pits rather than long trenches.

Any house with a greenhouse on the sunny side is sheltered from winter cold, allowing year-round growth of food plants. For new construction, a layer inside the wall allowing air flow also ensures the house never experiences winter temperatures, also remaining cool in the summer to greatly reduce energy use.

An insulated water storage tank beneath a building being an excellent heat sink. Or storage for greenhouse water from caught rain. This being an Energy Research Group (erg) problem of physics and engineering. An old Farm Windmill problem of lifting water to a higher reservoir and dropping it down through a pipe as needed to generate mechanical torque or electricity. Creating a system of solar-heated water at an elevation, getting it down to a lower holding tank without pumps. These windmills being an extraordinary tool of lifting water, now gathering people to make these again as a robust tool of independent off-grid sustainability. Without electricity, turning on a tap to let water flow.

CC7. Truck & Tool Club, Buy Bulk Club, Land Buy Group

Need a car? Use the company car. Need a home? Join our Land Buy Group

Under the directives of the Canadian Constitution Act, in response to an economic crisis of work, food and housing, the Company of Canadians has formed a Truck & Tool Club free for all Canadians to join. Giving access to a car, truck or tool when you need it. To go green, by reducing the number of vehicles per person. To gain access to tools that are too expensive to buy, or that you use only once in a while. To re-start the economy, connecting people to create green jobs. Working details online.

Recognizing that we need to work together in a sustained effort to make and sell what we need locally. Creating permanent community jobs sustaining our Charter-protected core economy of essential human needs. Using the Canadian Charter of Rights and Freedoms as our Company Charter, considering the social and economic rights, freedoms and responsibilities provided under the Corporations Act. In emergency response to an economic crisis precipitated only in part by Covid lockdowns, now followed by unaffordable life.

Join Our Buy Bulk Club, as a Company getting great deals. We used this for our Fruit Tree Fundraiser, buying bulk from a nursery planting hundreds of trees at a low cost per person. Access this simply by joining the Company of Canadians.

To create work quickly, requiring tools and transportation. Places to work and sell, people to work with. Within a company, you don't pay someone to use the printer. The parking lot, the land and the buildings, are available to all. Need a car? Use the company car. Pitch in with a few friends and own the asset. That's the deal.

A group of grandparents, empowered by access to a programmable embroidery machine, can do a lot creating clothing with logos in fundraising efforts for their favourite cause. Which might be to create jobs for youth defending the lives of seniors. We recognize these machines as first-generation robotics, controlled by computers, vastly improving what we can do. CNC milling, to work wood, metals and plastic, and to cut and print, is vastly under-explored in its potential for systematic community production. The Truck & Tool Club is designed for such community purchases, at the scale of family and friends. With the ability to buy bulk and save big.

This is a rich field of endeavour. Using computers to run machinery will assist us in solving some of the biggest problems facing humanity. Requiring knowledge of geometry, metals and materials, production and productivity, and time needed to develop our human spirit of creativity and art. If you want to learn welding, you need access to equipment. And perhaps a friend to show you the ropes.

The Truck & Tool Club is about connecting people, tools and projects, in the drive to go green. In the greatest endeavour ever to face humanity, a concerted effort to save this generation of Canadian kids from what we know will be a difficult future. This is about parents training their kids for work, getting them access to the tools needed to prepare for the future.

We'll need trailers, bikes, machine shops, ovens, saws, planers, carbides, and access to the tools used to make tools. To create and invent. In this investment of parents in youth, the transfer of knowledge across the generations. This being merely an overview. The co-use of trucks, tools, assets and land being detailed in a separate document along with the math of purchase and finance.

The same fair and equitable mathematics allowing diversity also allows solution of the housing crisis. The group purchase of a large acreage being affordable per person. We have identified Pioneer development routes allowing build-up of our lives over time, starting small and growing, getting help as needed, having a business grow with your home. This being sustainable and integrated, but requiring those of a Pioneer mindset interested in light manufacturing on the Canadian Shield, sparing farmland. In addition, we will be using **CC Banking** and **CC insurance** in addition to the Hours Bank for tackling all aspects of a sustainable integrated life. Speculators and flippers denied, but those seeking work accepted to join our **Land Buy Group**.

CC8. CNC Milling and Machining

Woodworking, plastics and metals.

A computer-controlled CNC router is an amazing tool of community-scale productivity, opening up an entire world of computer-controlled manufacturing in wood, metals and plastics (UCNewsCanada.ca Episode 48). Now allowing the return of art to design in making tables, trusses and tools. A key tool for Farm Work and Community Work Plans in green job creation. Not simply for carving signs, this is the tool Tesla uses to weld cars. Not simply a router, but any tool can be attached, from a plasma torch to a

circular saw. Join our team. We have hundreds of new products ready to roll out across all sectors of the economy.

In furniture building and house construction, how do you make a joint strong? Dovetail joints no longer need to be wedges, but can be letters, abstract curved shapes, or intricate lacework designs. Taken directly from a line drawing into the CNC machine to carve. But not just in wood, in metals and plastic. This is an industrial machine, now affordable for home use.

Carving at high accuracy for the systematic fitting of parts. Sufficiently sensitive at the micron scale to carve and drill circuit boards. The CNC industrial design being not far removed from a programmable embroidery machine as a powerful tool of high art productivity. Solving the problem of joinery, fitting one part tightly into another. And the problem of cutting parts from a sheet with minimal waste. Also carving aluminum or zinc. These being low-melting metals you can melt and pour into green sand molds in your backyard. Carbide also cutting steel.

Easily dealing with curves. Woodworking, not just from straight planks but from curved tree branches. The problem of packing and fitting things together as closely as possible, even if of odd shape. Vastly opening up the possibilities of using curved wood and tree branches to greatly reduce forestry waste.

Let's say the plastic handle on your car oil dipstick broke. Now you can take a photo to make a scale drawing, carve a mold, and press in melted plastic. Remembering that plastic melts in a Betty Crocker oven and does not stick to metal, and it handles like clay so you can melt a blob and press it into a wood mold without any high-tech at all.

In carpentry, you now have the ability to carve slots and pre-drill holes exactly at high replicable accuracy. More time is spent creating CNC designs than in time spent running the machine, making this a good investment for a small group, or a community purchase.

Considering the design of the machine itself. There is a need to extend the rails to carve long planks, and a need to adapt the machine to carve the end of planks. There are serious problems of clamping and holding a workpiece, and need to set the workpiece at an angle. There is a need for an overhead CNC design, with all the clamps on the worktable beneath. An opening market.

The main problem being mental roadblocks. Overcome by understanding that anything can be attached to this machine, not just a router. A pen for a printer. This machine is a printer and a cutter. A diamond bit for cutting patterns in glass. A paint brush or spray can. An angle grinder or saw. A torch or plasma cutter. A waterjet cutting head. A laser, and related high-tech approaching the capacities of ultraviolet lithography. Quite possibly suitable for low-resolution atomic force microscopy, modified for thin-sheet metal deposition in the field of modern electrochemistry. Understanding that you can electroplate nickel and other metals in your garage using a 5 Volt battery. Electrochemical metal etching into knives and axes, the design being CNC programmed.

CC9. Batteries, e-bikes and Solar

From repairs to manufacturing to sales

Understanding here the value of an idea. John B. Goodenough, inventor of USB flash drive memory, also bringing us lithium batteries. Specifically lithium iron phosphate crystallizing with the olivine (peridot gemstone) structure, in which the valence change of iron forces lithium out of the structure. The energy change producing a specific voltage, harnessed to run a load, and the whole system being reversible with an incredible recharge lifetime of up to 25 years similar to the life of a solar panel.

The ebike system harnessed to drive DC motors. The electronics including a Hall effect thumb-throttle speed control. Driving any motor, to which a variety of tools can be attached. Opening a market of off-grid power tools, sanders, grinders, saws, planers, with local production requiring a small set of tools for working wood, metals and plastics. The CNC machine allowing easy access into light manufacturing, at the scale of a few friends or a community. The CNC also capable of carving circuit boards. With modern ebikes needed far more robust parts than supplied, parts more suiting the Canadian climate, designed for longevity. The problem right now being difficulty of repair. An understanding of the system being needed to put in replacement parts.

Join our Battery Club to buy bulk at low cost (part of the Buy Bulk Club), supplying batteries, building systems for home solar and e-bike recharging. This not being especially difficult, but requiring some immersion to gain needed knowledge. The Company of Canadians having a full Wiki databank of knowledge in this area, from the physics of new battery manufacturing to implementation. Accepting here the research and evidence of Stephen Pinker that personal performance at any given job or task cannot be predicted by test scores in school, rejecting here the government model of imposing requirements, accepting the learn-as-you-work model of just trying a line of work to see if you like it.

In human creative problem solving, there being no shortage of new things to make. Yet a shortage of quality on the market. Consider bike carriers, ridiculously tiny, barely capable of carrying even a small load. Needing redesign for built-in fenders, a carrying box, fold-out side panels, the capacity to put in batteries on each side at a low centre of gravity. Battery boxes, removable for anti-theft and for charging inside, used to run 48 V DC power tools, attachable to solar panels. A place for the motor control unit, and lights. On the side of the bike, two fold-down support bars for carrying more. This requiring the capacity to cast aluminum, bend metal pipe and weld. The capacity to make molds and work plastic. Noting that the set of tools and skills required for this is relatively low-cost and useful for multiple lines of manufacturing.

There being a real need, for those without cars, for substantial bike trailers. In e-bike context, the bike having the power to haul, wide enough to carry a lawnmower. The idea here being work bikes, sufficient for groceries, house painting supplies, cleaning supplies, house and appliance repair tools, small electrical jobs, deliveries. An e-bike increases your range, saving time and energy. Also saving much cost compared to running a car. One problem being the weight of an electric bike, and the limited gear range, when the battery goes flat.

Within this we have a very specific engineering problem. A bike trailer needs a high strength/weight ratio. Steel is strong, but heavy. Plastic is light-weight, but too flexible. The weight of wood adds up. Aluminum is decent, but flexible and costly. There is the matter of joinery, creating a strong frame with much of the flex coming to bear around the wheel assembly. In structures formed by sheets, such as boxes, structural strength is gained by fixing sheets at right angles, CNC joinery being a great help here. In typical construction, each piece is in neutral position with respect to strain, whereas adding tension greatly increases stiffness. Considering triangulation in truss design (removing one degree of freedom of motion compared to a rectangle), a strung bow is still a triangle but with a great increase in lightweight stiffness. Tension wires giving great performance in early bi-planes. This interesting mix of materials needed here.

For a variety of reasons, there being a need for a power trailer with batteries and motor under it powering the bike. The thumb throttle on the bike, attached by a trailer wire. This idea leading to power carts, to truck cut firewood through the forest, and thumb-throttle power wheelbarrows, needed on construction sites to get heavy loads into tricky places. This set of ideas leading into a variety of SEVs, small electric vehicles, and off-grid power tools. A battery pack fitting all, solar-recharged. One set of ideas, with multiple applications. This being a restaurant business plan, one set of ingredients to make a menu, and the Java programming plan, each module being used to build several programs.

This requiring a marketing plan, a communications plan, which we have. A business plan, which we have, the components of which are standard. Accounting, expediting, storage, shipping. This being an organization system, a structure already known in business. With all labour not generating profit under-written, which is standard and now open to all in our Hours Bank. This requiring an economic place to work, Community Work Land or work on farms. Done most quickly with a team, a plan and parental investment in this generation.

In prototyping, the need to access a wide variety of pieces of metal, screws and parts. Requiring a Community Recycling Centre. In particular recognizing the value of motors, and their use in making a variety of tools from sanders to cutters. This requiring access to tools, a shop. None of which is particularly high-tech, being also attainable by a devoted individual, but requiring an assembly of people and tools to attain general manufacturing capability.

Many components of this work plan not needing everyone at a single location, but rather a network of resources. With Community Work Land including a broad range of social and economic activities. The knowledge base here is open-source, from expired patents to YouTube how-to videos. With internet sales (e.g. Amazon) the physical location being less important. Nevertheless, a compilation of expertise is useful in the form of a searchable USB wiki including supplier contacts.

In forming interest groups allowing gradual involvement, risk and debt is mitigated in contrast to an instant all-in infrastructure required by an individual working full-time on a venture start-up. In this work, there being many routes to take, some not being evident until after group input over time. Once an economic path is identified, the idea being group support of ideas, work and resources to get it going, then using the funds to start another component of the venture.

These being work loans inherent to any start-up, we use the Hours Bank to record time and materials, who did what. Under the Charter, this is not a top-down single-owner business plan, but an open work plan with a variety of benefits proportional to skill, competency and time worked. Only a slight variation on existing business accounting operations, these being considerations of fair and equitable relations between people. Initially recorded as Venture Hours, understanding that skills and knowledge gained may not directly translate into guaranteed income. That being a risk, but better than doing nothing.

CC10. Off-Grid Power Tools and SEVs

From repairs to manufacturing to sales

We have in an electric bike system variable-speed DC motor control run by batteries capable of solar recharge. On each motor, a shaft, to which any gear or pulley can be attached, driving saws, sanders, grinders, polishers, drills, routers, planers and so on. The required voltage depending on attachment of batteries in parallel, being additive, or in series, providing a battery depth of increased working longevity. The voltage output of solar panels also being additive, charging batteries through a Buck converter and voltage regulator. Batteries can generate incredible current at high discharge rates, meaning that each component of the system must be capable of handling the power.

Most power tools (and lighting systems) are designed for 120 Volt 60 Hz AC, requiring a converter or transformer to run a 120 V tool from a battery bank. Whereas an off-grid system is now easily designed around battery power systems starting at 12 V, adding to 24, 36, 48, 72 and so on. For a shop set up to work wood, metals and plastics, using CNC and computer-aided mold designs, the community-scale production of a line of compatible off-grid tools is quite feasible. Considering here all electric kitchen appliances running on 120 V, plus their non-electrical mechanical counterparts which are typically vastly superior. An entire back-catalogue of great old tools, now re-considered with modern materials and designs including carbides and ceramics. Whereas before prototypes were made by hand, we now have far easier mechanical design programs, sent directly to milling machines.

Considering electric bikes, carts and power trailers, and mobility scooters, we arrive at a variety of farm tools and vehicles including ATVs and trailers for hauling everything from gravel to brush to logs. The obvious solution being thumb-throttle carts that you walk behind, versus an ATV you sit on. The battery being standard and removable to run various tools such as pedal-assist washing machines mowers, pruners and cutters. Considering transportation and energy use, creating a suite of Small Electric Vehicles (SEVs) with numerous economic and practical advantages over cars. All this stemming from the electric system of an e-bike and the shop ability to work wood, metals and plastics from computer-aided designs. Do you want in?

CC11. Doors, Tables, Windows and Trusses

With CNC machining, it is now easy to manufacture solid wood panel doors with a plethora of innovative carved designs. Fine art doors, with easy inlay of glass, tile and decorative panels, coming in at a mid-range market gap between cheap panel doors and higher-end products. With CNC joints never before possible, now making the construction of innovative table designs quickly feasible.

Questioning here the actual worth of sealed glass units, considering how quickly they fail. Having solutions for this, and a need for local direct manufacturing. Considering bevelled glass, and stained glass, the pieces being CNC cut by spring-loaded diamond bit. The possibility of carving designs in glass, and inlaying metal in wood. With carving patterns and bits returning French elegance and art to the the design of common materials. Purchasing bulk sheet glass for making numerous products, with glass, plastic and paper recycling. These also being the tools to make light fixtures.

Understanding here the possibility of carved wood planks, panels and beams, and spiral carved logs. Pre-manufactured entrances to houses. Considering chainsaw mortise plunge cuts, engineered I-beams with incredibly strong nail-free joinery. Creating 2" x 10" to 2" x 16" engineered truss beams from smaller stock, insulated with fiber-added polymer-enhanced papercrete by understanding uses of sodium metasilicate.

Considering trees in general, in use of curved wood, using computer fitting programs to make large tabletops and counters by close-fitting irregular shapes. Inlaying end-grain, carving wave surfaces, combining wood with steel, wire and glass block, carved rock corners. Making boxes with wood and solid block plastic, chests and drawers. Taking a close look at the mathematics of tilings and patterns, space group geometries, and considering fractals and the geometries of Nature in structural design. Considering nature, taking great care to replant, and nurseries conserving species.

In particular avoiding economic dependencies on sales, storing designs that may sell infrequently. The production method documented and saved for easy reproduction. Considering the huge back catalogue of architectural design elements across cultures and history, making these available again. Creating a showcase-studio tourist attraction, with attached roadside restaurant and store. This being a community endeavour, made possible by inclusive open-work access to people, places and tools.

CC12. National Security Initiatives: *Energy, Physics and Electrochemistry*

Finding the physical basis of medicine, materials and electrochemical energy storage.

Understanding here the state of the world and the high risk to this generation of young Canadians, introducing a series of National Security Initiatives. Concerned by integrated life covering the full spectrum of social, economic and ecologic life security issues. With essential human needs forming the basis of personal, social and national security. Needing a parental-care **Plan to Save Our Kids**, getting them set up in life and business. Going green at large scale, requiring social care more than technology, a reasonable life. Growing food, asking if we have enough trees left for furniture. Requiring an **Impact**

Calculator with a database of law, science, social care and world knowledge. With banksters already using an impact calculator to quantify the state of the world, every trade relation, and every single household budget, fully against fundamental freedoms. They have a plan for your life. What's your plan?

This initial community work plan covering just a few ideas aiming to spark your own ideas. With special focus on low-cost market-entry points into work directly supporting essential human needs. Aiming to overcome major obstacles that prevent many across all society from working and creating work. Understanding that an economy of inclusion is far larger. Forming here a company to create companies, where you can roll out your own ideas with support and without hindrance.

Concerning inflation. Certain individuals forcing increased bills on you because they want more money. Claiming that they need more because prices have increased. In doing so, increasing prices for everyone, making life unaffordable to impossible. Rejecting Section 15 fair trade, an entire generation is now unable to gain a foothold in life. Here asking each individual, why do you want more money? One reason is to buy food. Another is to get high quality good and services at a great price. The answer being that if you want this, then create places where people have the right and freedom to live lightly on the earth. Yet we have an entire government stupidly operating without regard for law, hating any idea of you having rights and freedoms, actually destroying the basis of the economy along with your life.

In national security, Section 7 requiring parity and proportionality. The right and freedom to start small and grow from there. Do not engage in slavery, saying the only role and purpose of this young generation, starting life with essentially zero life security, is to work without gain supporting the lives of those with life security, by comparison beyond measure. Structure society supporting those who do productive work, in all areas of life allowing freedom to gain a foothold in life and grow from there. This being the law: back off. Take Your Hands Off Our Children. We hereby exert Sections 1, 2, 3, 5, 7, 11, 15 and 52 of the Canadian Constitution Act, understanding these to be matters of personal, social and national security with firm and clear foundations in life, law and justice.

Focused on productive manufacturing, a major problem of life in Canada, your freedom to make and sell things blocked and denied. Yet people have no shortage of ideas of things to make and services to provide. Yet encountering a sociopathic government attacking any form of self-reliant self-sustenance, refusing to allow people to connect to create work. The state of industrial espionage ridiculous, this now being the primary purpose and moneymaker of internet giants. The state of debt, ownership, and buyout now at a state of dismal hopelessness, pushing hard for global planetary destruction. Here we aim to connect people to start projects and businesses understanding the need for industrial secrecy in areas critical to national security.

With many opportunities in science, the concern being few easy entry points. Yet noting the relative ease of getting into electrochemistry. Programmable electronics, prototyping many new products. Optics, and making thin sections. Other areas known only to deep specialists.

We have major problems with dryers and washing machines, the electronics breaking down, new machines on the curb everywhere. With many wanting simple and mechanical, long-lasting. Here using

CNC coupled to classical mechanics allowing an entry point for a wide range of off-grid machines and tools. Micro-electro-mechanical systems, the ease of design creation of gears and levers being aided by computer design. A whole world of videos on this topic alone, and a need for local manufacturing.

With certain high-tech equipment such as the Electron Microprobe used for analysis lacking a basis in the physics of a linear collider generating X-rays, now giving ridiculous poor results. The core basis of scattering factors in X-ray diffraction, also unknown and limiting accuracy. The fact that we cannot describe bonding in even the simplest compounds such as a cube of table salt, the physics unknown, the scientific literature equating to ten thousand tons of garbage. A thousand equations of optics, not one with a basis in physics.

Yet an electron microprobe is not that hard to make. The first one, built by Raymond Castaing, worked incredibly well. Now they cost a fortune and do not work well, simply because this one individual did not understand how to write the formula of a mineral. Did not understand how an electron transfers momentum, never having read how the momentum of a photon couples to the momentum of ions in crystals to generate the Bragg equation.

In electrochemistry we have a garage-scale entry point into cutting-edge science requiring glass jars, salt solutions, wires and a battery. Extreme accuracy electrowire cutting. Metal plating. The entire field, not without a lot of science describing it, not getting past the stage of cathode and anode. The capacity to electroplate metals of high purity, to clean and replate parts at home or community scale, unexplored. The entire field stalled, because the actual charge of an ion is unknown. The physics of bonding, absent yet solvable.

The entire field of thermodynamics and phase stability, also without a basis in physics. An electron binds to a proton, creating a highly ordered system of atomic hydrogen, a description of entropy absent, the fourth law of thermodynamics unknown, unexplored. All this critical to understanding energy, defining our energy future. The physical basis of medicine, metallurgy and materials science, unknown. All of publicly paid scientific research now blocked from the public, the sole domain of the ultra-rich claiming to own knowledge itself.

The concern being that our ideas, work and inventions taken from us by so-called investors who have money but know nothing, turning good products into garbage and stopping all significant development in efforts to control and own everything. Holding all humanity back, our lives and best work taken and brought to nothing. Noting it is not that hard to make our own electron microprobes and other equipment at vastly reduced cost. At the root of this, fundamental physics. Wherein solutions have been found and not published, wherein many people across Canada have solutions, wherein if we create a secure physics camp we could roll out these solutions and determine Canada's energy future including major advances in medicine and materials science.

For those with development plans serious about light manufacturing looking for an economic place to live and work with others, there is a large event centre with housing available in Maitland, east of Brockville suitable for a high-tech work venture.

Join a Group, Plan Your Future, Start Something

People do well when they map out their future. Outlining here a firm basis in open community work with a variety of options to gain Section 7 foundational life security.

*** Join our Hours Bank: Founding Members Drive, help needed now.**

*** Help needed programming community servers hosting social connectivity software.**

*** Community Work and Farm Help, aiming to solve our work, food and housing crisis.**

There being no need to wait. This being a right and freedom under the Charter for all organizers across the country to go ahead and declare themselves members of our Hours bank, our Company of Canadians and our Public Government. Realizing that to work under the law means to work under a reasonable set of ideas firmly grounded in physical reality, on par with anyone else.

For these reasons, we have left Groups such as Climate Kids undefined, putting full confidence in all matters of parental care to delineate reasonable activities. Ditto for YouthWorks, making the logo and idea available for all to download and use to create work for yourself. In the same manner, inviting all Canadians to join the Company of Canadians. First as a club, then later making matters more formal for a variety of pay and accounting purposes.

For organizers, Section 1 of our Charter requiring a firm basis in knowledge and understanding, fact and evidence, guided by senses of justice. The core competency being an understanding of what it means to work within the Charter under reasonable limitations. Freely working under principles and ideas not people, except as mutually beneficial. One individual without helpful competency does not get to take over removing the rights and freedoms of another to work, learn and develop. The concern being individuals with ASPD and psychopathy who take over without basis to destroy healthy social structures of life in Canada, stopping fundamental Section 7 work to make our lives and land unproductive. Wanting here the freedom to work to secure our lives.