



‘Indigene’ (Latin = ‘self-generating’) ‘Community’ (Latin = ‘com’ = ‘together’ + ‘munus’ = ‘gift or service’)

**Indigene Community [www.indigenecommunity.info](http://www.indigenecommunity.info)**

## **NUCLEAR WAR & DETACHED HOUSING**

**Does detached nuclear single-household planning, building and predominant commercial / industrial economy contribute to resource-conflict and the likelihood of nuclear war? Is nuclear living an acceptable standard of lifestyle, given biosphere limits? How can ‘indigenous’ (Latin = ‘self-generating’) multi-home ‘domestic’ (household) centered economies of clustered living, bring us together in sustainable relationships, inter-generational family and peace?**

### **HUMANS AS SOCIAL CREATURES**

This article considers humans as social creatures habituated over our long history to intergenerational living, economic and social interaction among extended family and community, more than the nuclear (mother, father, children) or single parenting family or single person households, which predominate in colonial (imperial) society. Young adults bear children while we are inexperienced and often without financial or physical resources. In the ‘developed-world’ families are having fewer children because of a lack of social and economic supports or relations of mutual aid with elder and fellow generations. Youth thrive on intergenerational contact, yet nuclear-style housing presently requires great amounts of car travel and supervision in order to visit family & friends or to place children as young still crawling tots into institutional day-cares etc. We need privacy of personal space, yet we also need options for interaction on a regular day-to-day basis. Isolation, excessive labour and consumption in nuclear family homes have led to continual ecological and war crises over the past several thousand years. The isolation and emotional-override of the unorganised extended family and community, lead to economic and political policies (personal, family, community and state) of over-consumption and war.

### **DETACHED SINGLE FAMILY HOME**

Most raised in detached nuclear single family designed homes and communities, think such as our: “mainstay”, “coming-of-age”, “right” / “responsibility” or personal and family “pride” without “downfall”. Collective living in apartment or townhouse is not part of our colonial pioneer prestige. We’re falsely taught in ‘exogenous’ (Latin = ‘other-generated’) institutional schools, churches, governments & media that; our collective-living ‘indigenous’ (Latin = ‘self-generating’) ancestors worldwide lived in ‘primitive’ (‘primary’), savage (sylva = ‘tree’) miserable isolation (self-description?). We’re prejudiced against innate heritage and capacities. We’re all originally indigenous peoples from every region on every continent, but through linear-thinking of war, hierarchal-control, environmental-destruction and displacement over thousands of years have become ‘exogenous’ (Latin = ‘other-generated’). In conquest and control-societies, the self-concept and land theft of colonial authorities and the people themselves, require that indigenous sovereignty at each location be denigrated, denied and ignored.

## INDIGENOUS MULTI-HOME PLANNING

Indigenous peoples typically interacted in extended family multi-home buildings and local 'community' (Latin = 'com' 'together' + 'munus' = 'gift or service') collaborating diverse resources & abilities around the world on every continent with remarkably similar architecture, infrastructure & social organisation. Family and individual dwellings were separated with privacy tendencies as today's apartments. Pueblo housing is similar to townhouse dwellings today. Pueblo & some Longhouse communities interacted and morphed one to the other. Each provided family privacy and interactions not found in today's detached nuclear homes. Multihome modular (standard size & design) housing shares walls, floors, roofs, foundations, infrastructure (plumbing, electricity, phone, internet, postal etc), reducing consumption and empowering individuals and families to plan and benefit together with lowered material use, best-performance, low operating costs & environmental capacities over millennia.

## PEOPLE OF THE LONGHOUSE (a term of 'affiliation')

Along the west and east-coasts of Turtle Island (North America) Longhouse (apartment style) peoples from Mexico to Alaska and from the Canadian Maritimes to Florida lived intermixed or next to pueblo (townhouse style) and the mound-cities of the Mississippi Valley interior, pueblo and pit-house structures of the plains and mountain areas, thriving for tens of thousands of years. The five nation Iroquois confederacy call themselves 'People of the Longhouse' (Haudenosaunee or Rotinosaunee) a term of 'affiliation', (redundant as a term of distinction at that time) because of widespread Longhouse urban planning practice. 'Longhouse' from the Iroquois means 'place of the extended rafter' meaning 'place of extended welcome' where group multi-home planning and design allows for extended households to more easily 'welcome' others, than single home planning. Natives saw and remark in documents upon colonial detached single home isolation and lack of ability to collaborate among ourselves as families or communities. Is the appellation 'Longhouse' used specifically as a message to European peoples for the most important principle which we can adopt today as our urban-design standard? Around the world, various forms of Longhouses and clustered 'pueblo' style housing was used in Vietnam, Philippines, Australia, Asia, Africa, Europe and the Americas. Following are a few photos:



IROQUOIS



AFRICA



AUSTRALIA



BORNEO



VIKING EUROPE



VIETNAM

WEST COAST NORTH AMERICA PACIFIC

### SHARED MULTI-HOME BUILDINGS

Shared building superstructure materials and infrastructure such as apartment and townhouse blocks when compared over single homes, districts, cities and nations add up to huge environmental savings, which allow individuals and societies to collaborate and not have to compete for control of resources with other societies. Indigenous peoples living in close-proximity and having time-based accounting methods afforded them the cultural-memory to maintain economic and political structures, wherein everyone develops progressive ownership in specialised Production Societies and a place at the community council. Social-economic stability allows communities to cultivate longterm biosphere productivity through food and material trees planting and encouragement. All receive inherent elemental benefits of tree-based sun, water, air, soil and biosphere co-production.

### NUCLEAR BOMBS

In the period of World-War II and following, American led allies through the 'Manhattan' (New York City office) project and subsequently others during the cold war developed the Atomic nuclear bomb. This historical period had intense energy market development and exploitation of foreign resources driven by expansion of colonial 'detached-single-family' home, city and rural human landscapes. Control of middle-eastern and other world-wide oil supplies decided both eastern and western conflicts. In 1945 we dropped nuclear bombs on the Japanese cities of Hiroshima and again on Nagasaki with civilians as the primary target, a major violation of human and civil relations in war.

### NUCLEAR PSYCHOLOGY

Allies had a choice of demonstrating the bomb at an international public demonstration in an unpopulated area but we felt threatened and were so aggressively competitive that; we dropped it upon primarily urban residential areas. We must ask ourselves as nations of isolated nuclear home inhabitants, whether detached single home material and energy use is a key factor of colonialism and a key physical and psychological factor leading to our nuclear bomb use and continuing proliferation of stockpiles to this day? Does physical isolation (today worsened by such as electronic media) lead to insecurity? The computer systems that monitor and decide upon nuclear attack threat must sufficiently anticipate, and evaluate possible incoming missiles and respond within seconds and minutes. Human defence governors have precious little lee-way or information in which to render decisions and respond.

### RELEVANT CALCULATIONS FOR CLIMATE CHANGE

Much effort is put into conservation around essential activities such as reducing heat loss in our buildings and homes and a thousand other activities such as the amount of toothpaste we use on toothbrushes (the little-multipliers), but little discussion follows larger 'essential' items of housing, goods and services or 'non-essential' energy and items (the big multipliers). As a result we are having



disproportionate 'small-item' research and discussions on factors which we know won't solve climate change or social and economic justice. The following 'big-item' discussion sheds some light on significant choices we have as home owners and renters, our single largest expense and investment..

### NUCLEAR DETACHED HOUSING & COTTAGES

2010 in Canada some 63% of housing is detached nuclear family or some 6,300,000 primary dwellings with an average market value of some 250,000\$ each or totalling 1,575,000,000,000\$ (1.575 trillion \$). In addition to these primary homes, 10 % of the richer detached families have 1,000,000 cottages or vacation dwellings at market values of 250,000\$ each = 250,000,000,000\$ (250 billion \$). Without proximity to each other, we lose co-innovative links to developing popular empathic technologies and empowering people in their communities. The rich are alone, bored & isolated,

In the USA these figures can be multiplied by ten to arrive at 63 million primary dwellings worth 15,750,000,000,000 (15.75 trillion \$) for detached nuclear primary dwellings and some 2,500,000,000,000\$ (2.5 trillion\$) in secondary cottages or recreation homes.

### MULTI-HOME APARTMENT & TOWNHOUSE BLOCKS

Roughly 37% of North American populations and half of (50%) urban populations live in connected housing apartments and townhouses either as renters or as condominium owners, yet little is being done by inhabitants and owners to design or enhance energy, social and economic efficiencies of co-investment, interaction, inter-generational living and exchange within these buildings & systematically among surrounding communities. Attached multi-home dwellings in apartment & townhouse buildings cost 1/3<sup>rd</sup> the amount to build and operate (heating, maintenance and infrastructure maintenance per dwelling unit) as well as bring in and operate municipal services. Participatory intentional community Cohousing has the ability to develop both human interaction and sustainable design on a level that can enhance present buildings and develop new environmental, social and economic capacities.

### PEACE

Human peace starts with interpersonal collaboration and resource efficiencies, particularly important today as limited fossil fuel supplies end; we must drastically reduce consumption and live together in peace. <http://www.endofsuburbia.com/> & <http://the-end-of-oil.com/> Mutual Aid, A Factor of Evolution by Petr Kropotkin 1905 [http://dwardmac.pitzer.edu/Anarchist\\_Archives/kropotkin/mutaidintro.html](http://dwardmac.pitzer.edu/Anarchist_Archives/kropotkin/mutaidintro.html)

Please visit preceding sub-sections under Section C. RELATIONAL ECONOMY particularly 1)

Extending our Welcome Participatory Multi-home Cohousing in the article on 'Economy

<https://sites.google.com/site/indigenecommunity/relational-economy/7-nuclear-war-detached-housing>

*"There is no way to peace. Peace is the way."* Mohandas Gandhi

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Sustainable Development Corporation Canadian Non-Profit since 1994 [www.indigenecommunity.info](http://www.indigenecommunity.info)

Project coordinator, Eco-Montreal Tiohtiake Green Map [www.eco-montreal.mcgill.ca](http://www.eco-montreal.mcgill.ca)

Tsi Tetsionititiakon Sustainability Rooted in Heritage <http://cbcd.geog.mcgill.ca/WIP.html>

Indigenous Welcome and Orchard Food Production Efficiencies <http://dcnstrct.org/indigenous/>

Canadian Cohousing Network: <http://canadacohousing.ning.com/group/montrealindigenecommunity>

<http://canadacohousing.ning.com/forum/topics/montreal-calculating>

<http://canadacohousing.ning.com/group/montrealindigenecommunity/forum/topics/calculating-cohousing>

Fellowship of Intentional Communities:

[http://directory.ic.org/22331/Indigene\\_Tiohtiake\\_Community\\_Latin\\_com\\_together\\_munus\\_gift\\_or\\_service](http://directory.ic.org/22331/Indigene_Tiohtiake_Community_Latin_com_together_munus_gift_or_service)