



FILM SYNOPSES, SPONSORS & PANELISTS
Kamloops BC, September 23/24, 2012



Each film will be followed by a panel discussion featuring local experts in that specific field. Panelists will share their thoughts about how the information portrayed in the film relates locally, and then encourage discussion and problem-solving among filmgoers.

GLOBALIZATION VS. LOCALIZATION

The Economics of Happiness: <http://www.youtube.com/watch?v=VkdnFYDbiBE>

7pm, Friday, September 23rd, 2012

TRU, ALUMNI THEATRE (CLOCK TOWER)

Going local' is a powerful strategy to repair our fractured world—our ecosystems, our societies and ourselves

Economic globalization has led to a massive expansion in the scale and power of big business and banking. It has also worsened nearly every problem we face: fundamentalism and ethnic conflict; climate chaos and species extinction; financial instability and unemployment. There are personal costs too. For the majority of people on the planet life is becoming increasingly stressful. We have less time for friends and family and we face mounting pressures at work.

The Economics of Happiness describes a world moving simultaneously in two opposing directions. On the one hand, government and big business continue to promote globalization and the consolidation of corporate power. At the same time, all around the world people are resisting those policies, demanding a re-regulation of trade and finance—and, far from the old institutions of power, they're starting to forge a very different future. Communities are coming together to re-build more human scale, ecological economies based on a new paradigm—an economics of *localization*.

We hear from a chorus of voices from six continents including Samdhong Rinpoche, the Prime Minister of Tibet's government in exile, Vandana Shiva, Bill McKibben, David Korten, and Zac Goldsmith. They tell us that climate change and peak oil give us little choice: we need to localize, to bring the economy home. The good news is that as we move in this direction we will begin not only to heal the earth but also to restore our own sense of well-being. *The Economics of Happiness* restores our faith in humanity and challenges us to believe that it is possible to build a better world.

PANEL OF EXPERTS:

- Joanne de Vries, Fresh Outlook Foundation (Facilitator)
- Helena Norberg-Hodge, Filmmaker (by Skype)
- Robin Read, Thomson Rivers University
- Marc Imus, Ministry of Jobs, Tourism & Innovation

FOOD SECURITY

Seed Warriors: http://www.dailymotion.com/video/xc41wk_seed-warriors-official-trailer_shortfilms

9:30-Noon, September 24th

TRU, ROOM TBD

In the remote Norwegian town of Longyearbyen, just 1000 kilometres from the North Pole, politicians from around the world came to celebrate the opening of the world's first global seed bank. After years of difficult negotiations and searching for the right spot, this was deemed to be the safest place on earth. Eventually, four to five million seed samples will be stored in this Doomsday Vault and ensure the continued existence of biodiversity.

But is the dream of global food security achievable? By 2050 temperatures worldwide are expected to rise by at least two degrees. This will result in a 30 per cent drop in production of food crops. By this time global food demand will have doubled. How will we feed the world?

In *Seed Warriors* we hear from the scientists behind this ambitious project and examine the reality of the fight against hunger. In Kenya, where drought is a recurring problem, we meet Zachary Muthamia, the director of the National Seed Bank, who is using the limited resources available to him to preserve his country's existing biodiversity and send copies of Kenya's unique plant heritage to Norway before his energy eating generators die for good. And we meet Marianne Banziger, one of the world's leading experts on maize. She's using the same biodiversity to develop non-genetically modified seeds that yield 20 to 30 percent more than existing seeds and thrive in conditions of drought. But time is running out.

PANEL OF LOCAL EXPERTS:

- TBD (Facilitator)
- David Whiting
- TBD
- TBD

FOREST PROTECTION

The Incomappleux: <http://www.theincomappleux.com/>

9:30-noon September 24th, 2012

TRU, ROOM TBD

The Incomappleux River Valley is located between Revelstoke and Nakusp; it lies in the heart of the only Inland Temperate Rainforest in the world. This valley is home to colossal ancient trees which date back to the Roman Empire, rare plants, new to science species and towering glacier capped mountains. Narrow trails shared by grizzly and black bears, wolves, elk and deer wind around man-sized ferns, pass magical glacier-fed cold springs and tunnel through avalanche debris paths. This antique forest is like no other, come share in the magnificence of the Incomappleux.

SPONSOR: TBD

PANEL OF LOCAL EXPERTS:

- Arden Rutherford, Nature's Presence Foundation (Facilitator)
- David Church, Fresh Outlook Foundation
- TBD
- TBD

RENEWABLE ENERGY & FIRST NATIONS' COMMUNITY ENGAGEMENT

Power Path – www.powerpaths.tv

9:30-Noon, September 24th

TRU, ROOM TBD

Power Paths is a documentary that follows the efforts of American Indian tribes as they explore ways to bring renewable energy projects into their communities. From the Sioux of Great Plains in the Midwest to the Navajo and Hopi of the southwest, tribes are fighting to protect their land, air, and water from the harmful impacts of mining and burning coal on their water, land, and their air.

The documentary shows how young Native and environmental leaders form the Just Transition Coalition, a grass roots group that wins a legal battle to close a large dirty coal plant in Nevada that sends electricity to California. But their fight also involves how to find new jobs for hundreds of their fellow Indians who have lost their coal mining jobs. Today there are still 18,000 Indian families in the Southwest that do not receive electricity even though the power lines cross over their communities. *Power Paths* presents their inspiring story and shows what an organized group of citizens can do to help transition from fossil fuel to renewable energy for a sustainable future.

PANEL OF LOCAL EXPERTS:

- Arjun Singh (Facilitator)
- TBD
- TBD
- TBD

PERMACULTURE / INDUSTRIAL COMPOSTING

Farming With Nature (Permaculture with Sepp Holzer): <http://video.permaculture.coop/video/890/farming-with-nature-permacultu>

Bokashi: <http://www.bokashimovie.com/main.htm>

12:30-3pm September 24th, 2012

TRU, ROOM TBD

Farming with Nature — Josef ("Sepp") Holzer (born July 24, 1942 in Ramingstein, Province of Salzburg, Austria) is a farmer, author and an international consultant for natural agriculture. Coming from a line of farmers, he took over his parents' mountain farm business in 1962 and pioneered the use of ecological farming, or Permaculture, techniques at high altitudes (1100 to 1500 meters above sea level) after being unsuccessful with regular farming methods. Called the "rebel farmer" because he persisted in these practices despite being fined and even threatened with prison for practices such as not pruning his fruit trees (unpruned fruit trees survive snow loads that will break pruned trees). He has also created some of the worlds best examples of using ponds as reflectors to increase solar gain for Passive solar heating of structures, and of using the microclimate created by rock outcrops to effectively change the Hardiness zone for nearby plants. He has also done original work in the use of Hugelkultur and natural branch development (not pruning) to allow fruit trees to survive high altitudes and harsh winters. He is currently conducting permaculture ("Holzer Permaculture") seminars both at his der krameterhof farm and worldwide, while continuing to work on his alpine farm. His expanded farm now spans over 45 hectares of forest gardens, including 70 ponds, and is said to be the most consistent example of permaculture worldwide.

He is author of several books, works nationally as permaculture-activist in the established agricultural industry, and works internationally as adviser for ecological agriculture. He is the subject of the film *The Agricultural Rebel*.

Bokashi— In September 2010, the five-day Armstrong IPE piloted a program to process two tons of food-fair scraps anaerobically using microorganisms. This process, known as bokashi, ferments food scraps to create a nutrient-rich natural fertilizer. Three weeks later, the bokashi was tilled into a farmer's field. The bokashi movie documents the pilot project while illustrating the effectiveness, benefits and scalability of bokashi fermentation in aiding the reduction of compostable materials in landfills.

SPONSORS: TBD

PANEL OF LOCAL EXPERTS:

- Pamela Miller, Fresh Outlook Foundation (Facilitator)
- Bruce Mol, Bokashi Filmmaker
- Werner Gysi, Harmonic Farmer
- Matty Haynes, Golden Ears Farm

NATURAL GAS EXTRACTION / WATER POLLUTION

GASLAND: <http://www.youtube.com/watch?v=dZe1AeH0Qz8>

12:30-3pm September 24th, 2012

TRU, ROOM TBD

The largest domestic natural gas drilling boom in history has swept across the United States. The Halliburton-developed drilling technology of "fracking" or hydraulic fracturing has unlocked a "Saudi Arabia of natural gas" just beneath us. But is fracking safe? When filmmaker Josh Fox is asked to lease his land for drilling, he embarks on a cross-country odyssey uncovering a trail of secrets, lies and contamination. A recently drilled nearby Pennsylvania town reports that residents are able to light their drinking water on fire. This is just one of the many absurd and astonishing revelations of a new country called Gasland. The movie is part verite travelogue, part expose, part mystery, part bluegrass banjo meltdown, and part showdown.

SPONSOR: Sierra Club

PANEL OF LOCAL EXPERTS:

- TBD, Sierra Club (Facilitator)
- TBD
- TBD
- TBD

REUSING / RECYCLING BUILDINGS

The Greenest Building: http://thegreenestbuildingmovie.com/The_Greenest_Building/Watch_Clips.html

12:30-3pm September 24th, 2012

TRU, ROOM TBD

Over the next 20 years, Americans will demolish one third of our existing building stock (over 82 billion square feet) in order to replace seemingly inefficient buildings with energy efficient "green" buildings. Is demolition in the name of sustainability really the best use of natural, social, and economic resources? Or, like the urban renewal programs of the 1960's, will this well-intentioned planning result in devastating environmental and cultural consequences?

Through five prototype projects, ranging in scope from a tenant improvement, to a Main Street America project to a highly successful renovation of one of Boston's (and America's) finest Richardsonian Romanesque churches, *The Greenest Building* explores the myth that a "green building" is necessarily a new building and demonstrates how renovation and

adaptive reuse of existing structures fully achieves the sustainability movement's "triple bottom line" - economic, social, and ecological balance. These prototypes reveal: (a) how reuse and reinvestment in the existing built environment leads to stronger local economies that can compete on a global scale; (b) that sense of place and collective memory, while intangible, are critical components of strong sustainable communities; and (c) the direct correlation between reuse of existing buildings and a significant reduction in greenhouse gas emissions, degradation of the natural environment and overuse of precious natural resources.

The Greenest Building aims to incite change in the way Americans see their own geographic communities. With a focus on the partnership between the built environment and the natural environment, the film promotes a better understanding of the symbiotic relationship between reuse of buildings and the conservation of natural systems that sustain life.

PANEL OF LOCAL EXPERTS:

- Cheryl Kabloona, BC Sustainable Energy Association (Facilitator)
- Chris Newton, Darfield Earthship
- Elizabeth Duckworth, Kamloops Heritage Commission
- Brian Hayashi, Nexbuild Construction/Canadian Home Builders Association

SPECIES PROTECTION

Vanishing of the Bees: <http://www.vanishingbees.com/trailer/>

3:00-5:30pm September 24th, 2012

TRU, ROOM TBD

Honeybees have been mysteriously disappearing across the planet, literally vanishing from their hives. Known as colony collapse disorder, this phenomenon has brought beekeepers to crisis in an industry responsible for producing apples, broccoli, watermelon, onions, cherries and a hundred other fruits and vegetables. Commercial honeybee operations pollinate crops that make up one out of every three bites of food on our tables.

Vanishing of the Bees follows commercial beekeepers David Hackenberg and Dave Mendes as they strive to keep their bees healthy and fulfill pollination contracts across the U.S. The film explores the struggles they face as the two friends plead their case on Capital Hill and travel across the Pacific Ocean in the quest to protect their honeybees.

Filming across the US, in Europe, Australia and Asia, this documentary examines the alarming disappearance of honeybees and the greater meaning it holds about the relationship between mankind and mother earth. As scientists puzzle over the cause, organic beekeepers indicate alternative reasons for this tragic loss. Conflicting options abound and after years of research, a definitive answer has not been found to this harrowing mystery.

PANEL OF LOCAL EXPERTS:

- TBD (Facilitator)
- Ian Farber (BC Honey Producers Association)
- Elaine Sedgman (Master gardener)
- TBD

EDUCATIONAL REFORM

Finland Phenomenon: <http://www.2mminutes.com/films/finland-phenomenon.asp>

3:00-5:30pm September 24th, 2012

TRU, ROOM TBD

Finland's education system has consistently ranked among the best in the world for more than a decade. The puzzle is, why Finland? Documentary filmmaker, Bob Compton, along with Harvard researcher, Dr. Tony Wagner, decided to find out. The

result of their research is captured in a new film, *The Finland Phenomenon: Inside the World's Most Surprising School System*. In the 60-minute film, Dr. Wagner guides the viewer through an inside look at the world's finest secondary education system. A life-long educator and author of the best-selling book, *The Global Achievement Gap*, Dr. Wagner is uniquely qualified to explore and explain Finland's success. From within classrooms and through interviews with students, teachers, parents, administrators and government officials, Dr. Wagner reveals the surprising factors accounting for Finland's rank as the #1 education system in the world.

PANEL OF LOCAL EXPERTS:

- Acacia Schmietenknop, Students in Free Enterprise, TRU (Facilitator)
- Nathan Lane, Thompson Rivers University Student Union
- Ken Christian, School District #73
- TBD

SUSTAINABLE BUSINESS

SO RIGHT. SO SMART. <http://www.youtube.com/watch?v=eqDfs1xTxGY>

3:00-5:30pm September 24th, 2012

TRU, ROOM TBD

As awareness grows about the consequences of environmental disregard, the sustainability movement is gathering momentum, and the institutions with the furthest reach and the highest stakes - corporations - are being asked by customers to take the lead. Those ahead of the curve already realize that there is a way for industry to permanently coexist with its environment, that fitting in to natural systems is smarter than trying to control them, and that sustainability is the most expansive profit frontier yet to be explored. One business striving for these ideals deserves recognition above the rest for its inspiring leadership: Interface Inc. led by Ray Anderson. What is most remarkable about all companies making this positive shift is not the change of mind - but the change of heart they experience as they realize that environmental stewardship is an ethical imperative for the future.

SPONSOR: BC Hydro

PANEL OF LOCAL EXPERTS:

- Myles Gregory, BC Hydro (Facilitator)
- Tim Rogers, Best Western
- Donovan Cavers, Conscientious Catering
- TBD

ZERO WASTE

The Clean Bin Project: <http://www.cleanbinmovie.com/>

7:00pm September 24th, 2012

TRU, ALUMNI THEATRE (CLOCK TOWER)

The Clean Bin Project is a feature documentary film about a regular couple and their quest to answer the question "is it possible to live completely waste free?".

Partners Jen and Grant go head to head in a competition to see who can swear off consumerism and produce the least landfill garbage in an entire year. Their light-hearted competition is set against a darker examination of the sobering problem waste in North American society. Even as Grant and Jen start to garner interest in their project, they struggle to find meaning in their seemingly minuscule influence on the large-scale environmental impacts of our "throw-away society". Featuring interviews with renowned artist, Chris Jordan and marine pollution expert, Captain Charles Moore, *The Clean Bin Project* presents the serious topic of waste reduction with optimism, humour, and inspiration for individual action.

SPONSOR: City of Kamloops

PANEL OF LOCAL EXPERTS:

- Joanne de Vries, Fresh Outlook Foundation (Facilitator)
- Jen Rustemeyer/Grant Baldwin, Filmmakers
- Marcia Dick, Consultant
- Glen Farrow, City of Kamloops