



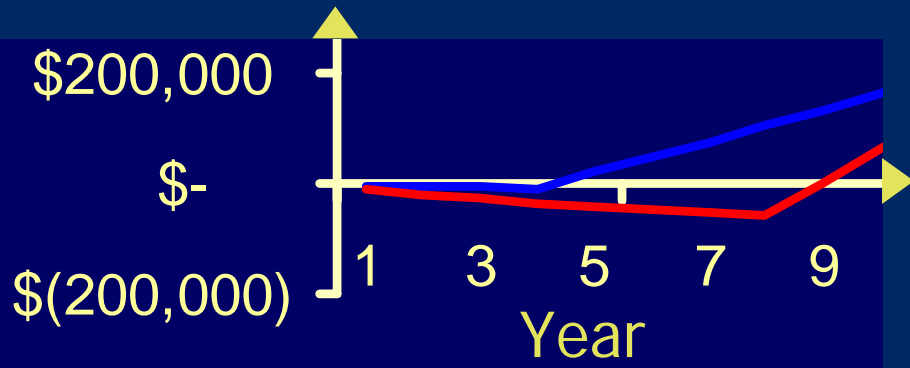
Demand-Side: Local Policy Instruments

LMLGA

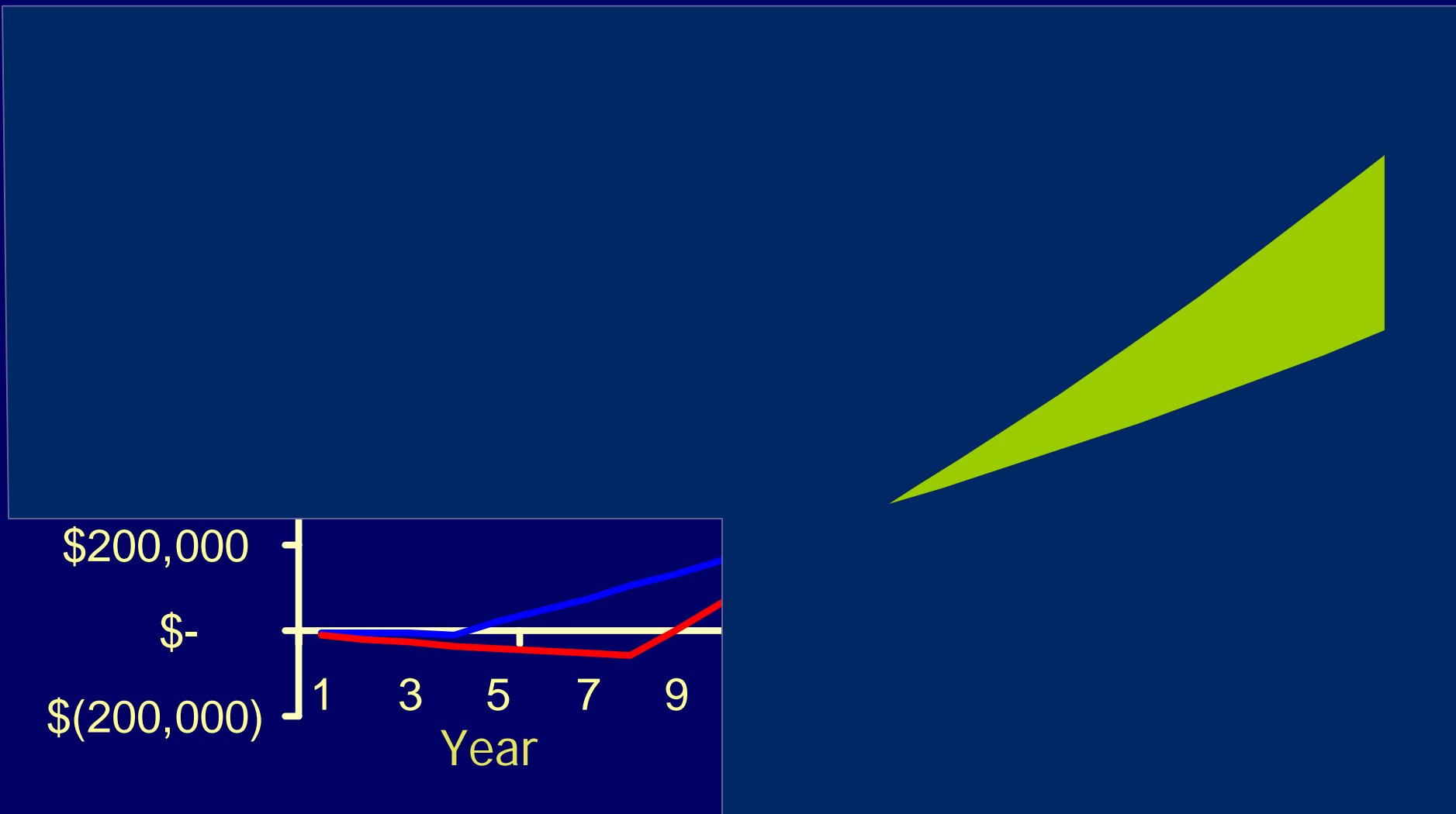
MAY 7, 2008

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Energy projects are financial investments

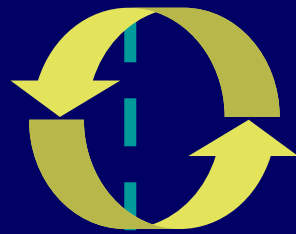


Energy projects are financial investments.



2 Categories of Energy Use and Emissions

Corporate Operations



Community



Communities - Challenge

Planning for Unavoidable Surprises

2000 2020 2040 2080 2100

Lifespan of Communities

Street Layout

Buildings

Infrastructure

Unavoidable Surprises

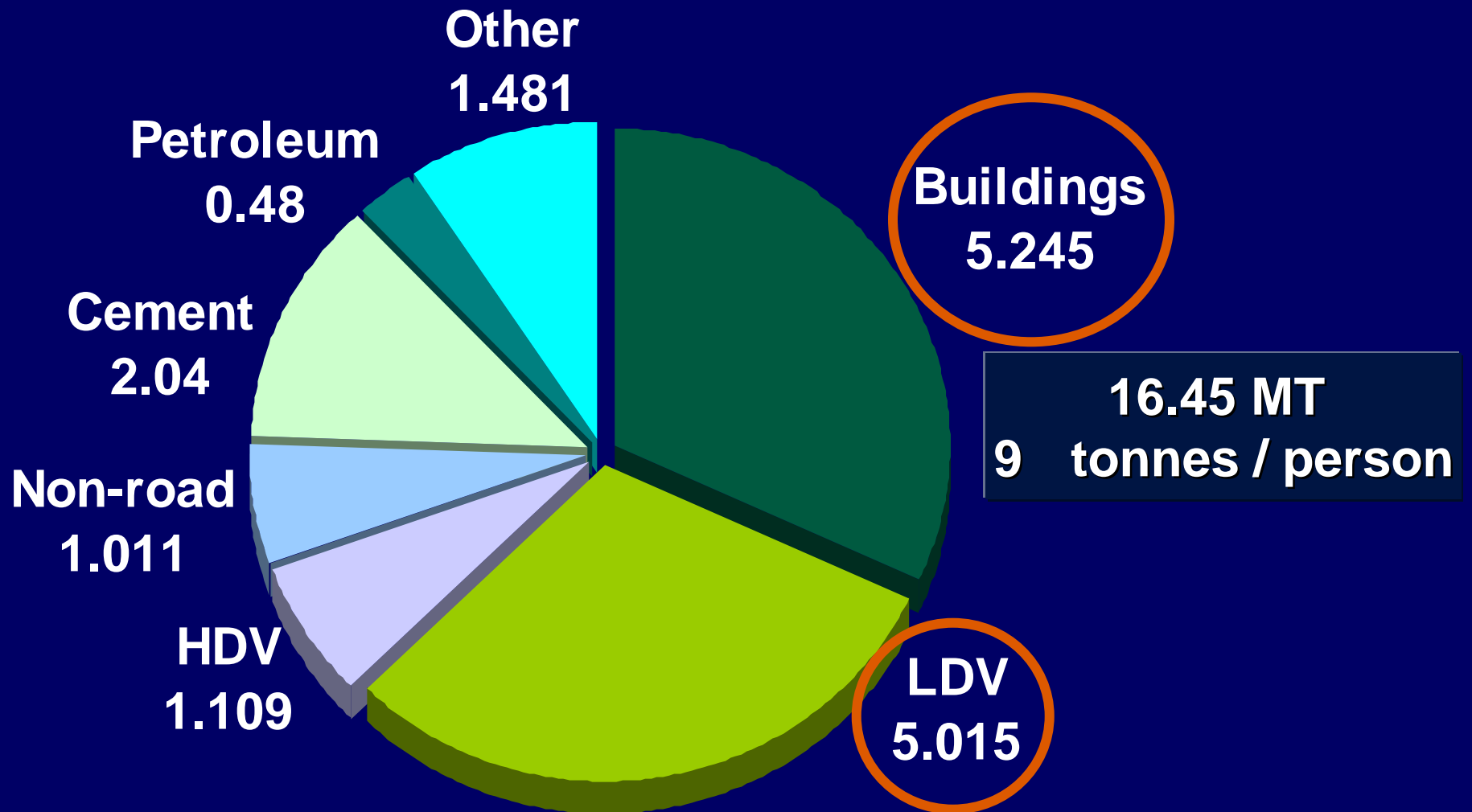
Global Peak Oil

Doubling of global warming

Global -50% emissions (-90% here)



Metro Vancouver & FVRD GHG's



Energy Sustainability What and How

Planning



Policy



Action



Form



Movement



Heat



Land Use, Transportation, and Buildings Policies

GHG/Energy goals can be incorporated into OCP, bylaws, policies, etc.

- GHG/energy targets
- Densification, focused development supporting transit
- Smart growth guidelines
- District heating service areas
- Density bonusing
- Rezoning applications



BC Communities Are Taking Action

- Whistler – Integrated planning, renewable district heating
- Vancouver – GHG Plan, renewable district heating
- Dawson Creek – Natural Step, CEP, bylaw solar-ready homes
- Revelstoke & Prince George – CEP, biomass district heating
- Kelowna – Heat reclaim from wastewater to heat college
- Victoria – Landfill gas 1.6 MW green power; Dockside Green
- Lake Country – Electrical generation from water supply
- Sun Rivers – Ground source heating community
- Langford – LEED certified neighbourhood
- Sparwood – Biodiesel fleet



Community Energy Association

- *Connecting communities, energy and sustainability*

- First-stop for local govts on energy/GHG
- Community actions
- C-neutral operations
- Presentations/workshops for councils & staff
- Research and tools
- 'governments-and-energy' listserv

www.communityenergy.bc.ca

The screenshot shows the homepage of the Community Energy Association. At the top left is the logo, which consists of a stylized sun with rays above the text "Community Energy Association". To the right of the logo is a navigation menu with links for "home", "about oea", "contact", "login", and "join". Further right is a search bar with the word "Search" next to it. Below the navigation is a main heading: "First stop for local governments connecting communities, energy, and sustainability". Underneath this heading is a paragraph of text: "The Community Energy Association, with the support of its partners including the Province of BC and the Union of BC Municipalities is the 'first stop' for local government leaders addressing energy sustainability and greenhouse gas reduction. CEA welcomes BCTC as the newest CEA member." Below the text are two images: on the left, a person riding a bicycle on a paved path; on the right, a dense forest with sunlight filtering through the trees. Below these images are two columns of content. The left column is titled "Take Action" and lists: "Set Direction", "Carbon Neutral Corporate Operations", "Community Actions", and "Engage Others". Below this list is a "read more >>" link. The right column is titled "Community Energy Benefits" and lists: "Daily Decisions: Energy Use for Decades", "Save Money and Help the Economy", "Improve the Environment", and "Make Communities More Livable". Below this list is another "read more >>" link. Below the "Take Action" section is another image showing a group of people in a meeting, with the caption "Showcase and Awards" below it. Below this image is a list: "Energy Aware Awards", "Apply for Energy Aware Award", "Case Studies", and "Browse by Topic". Below this list is a "read more >>" link. To the right of the "Showcase and Awards" section is another image showing a stack of books, with the caption "Resources" below it. Below this image is a list: "Executive Briefs", "CEA Publications", "CEA Presentations", and "Library - Valuable Links". Below this list is a "read more >>" link. On the left side of the page, there are two sections: "CEA News" and "Hot Topics". "CEA News" lists: "Launching Green Buildings BC for Local Governments", "UBCM Green Communities Update", "2008 BC Budget", and "2008 BC Throne Speech moves forward on climate, energy, and communities". "Hot Topics" lists: "Funding Your Community Energy and Climate Change Initiatives", "JOIN the CEA Governments and Energy LISTSERV", "Heating Our Communities - Renewable Energy Guide for Local Governments in BC", "Energy Efficiency & Buildings - A Resource for BC's Local Governments", "Launching Green Buildings BC for Local Governments", "Utilities and Financing - Renewable Energy Guide for Local Governments in BC", "Renewable District Energy", and "Conference Presentations (Feb 2008)". At the bottom of the page, there is a section titled "Upcoming events" which lists: "Potential Roles For Local Government In Sustainable Energy Policy".

Community Energy Association

Connecting communities, energy and sustainability

Supporters



Members



UNION OF
BRITISH
COLUMBIA
MUNICIPALITIES



Thank You. Contact Info



Community Energy
Association

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