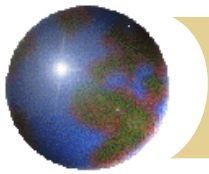


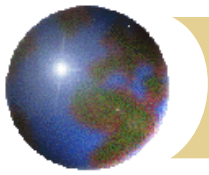
A presentation to  
Transportation Innovations in Alberta's Oilsands  
- A Summit -





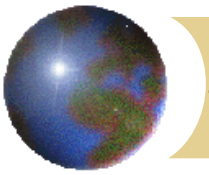
## *About the Renata Project*

- ✚ Inspiration of Ben Gray, Grande Prairie
- ✚ Represents a paradigm shift in:
  - ▣ Community design
  - ▣ Transportation
- ✚ High-level concept today
- ✚ But can be effectively demonstrated in Fort McMurray
- ✚ Worldwide potential application



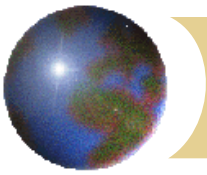
## *About Ben Gray*

- ✦ Born Grande Prairie County, 1938
- ✦ Oilrig worker, then owner
- ✦ 1973 – designed Coiled Tubing Unit with air compressor
- ✦ 1976 - first Coiled Tubing Drilling Rig
- ✦ 2002 – revolutionary tool for horizontal drilling
- ✦ 2005 – 2006 – sailed around the world



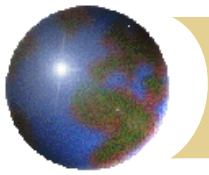
## *The transportation challenge*

- ✚ Fort McMurray's challenge well-known
- ✚ Shared by every major urban area globally
- ✚ Road travel speed today is slower than horse & buggy days
- ✚ Pollution, global warming add to urgency
- ✚ Long-term, effective solution required



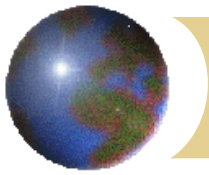
## *The problems...*

- ❖ We continue to design communities first, then try to serve them with transportation
- ❖ Transportation planning largely segregated:
  - ❖ Passenger vs. freight
  - ❖ Long haul vs. short
  - ❖ Mass vs. personal
- ❖ We need a high-speed rail alternative that can move both people and freight



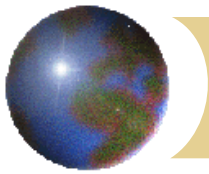
## *The Renata concept*

- ✚ We need a paradigm shift in approach
- ✚ Design new communities around cost-effective, integrated transportation
- ✚ Connect new communities to each other with the new transportation system
- ✚ Gradually introduce the new system to “old” communities as it becomes efficient to do



# *The Video*

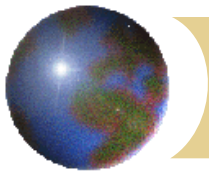
- ✦ Overview of:
  - ▣ Community concept
  - ▣ Transportation concept
- ✦ Basics of the Renata system
- ✦ Other version available for general viewing on our website



## *Renata Fort McMurray*

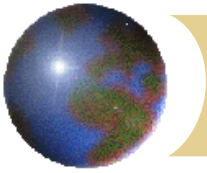
- ❖ Ideal opportunity for a Renata satellite community
- ❖ Prove the community design
- ❖ Use current rail technologies in the interim
- ❖ Be ready for new rail system when other Renata communities are built





## *What's required?*

- ✚ Municipal and provincial support in principle
- ✚ Approx. 300 hectares of land
- ✚ Partners, investors, developers
- ✚ Provincial commitment to build rail connection to industrial areas, oilsands



# *Questions?*

- ✚ Thank you for your attention
- ✚ Questions and discussion!