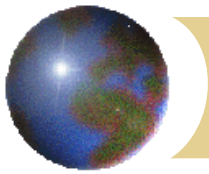


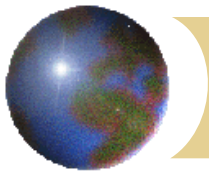
A presentation to
Transportation Innovations in Alberta's Oilsands
- A Summit -





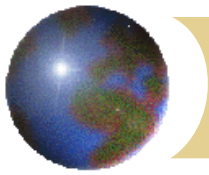
About the Renata Project

- ❖ 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



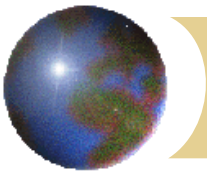
About Ben Gray

- ✦ 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



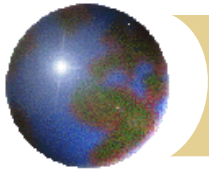
The transportation challenge

- ✚ 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



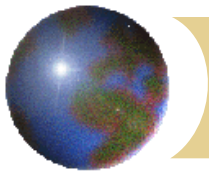
The problems...

- ❖ 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



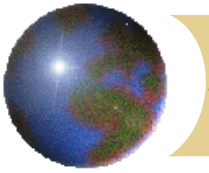
The Renata concept

- ✚ 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



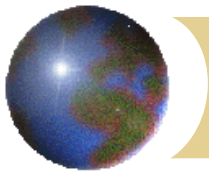
The Video

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



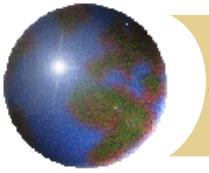
Renata Fort McMurray

- ❖ 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!