

# ReNew

January/February 2010

C A N A D A

The Infrastructure Renewal Magazine

**Inside:**  
A Closer Look  
at this Year's  
Top 10

**+ Construction  
Collusion  
Is Quebec  
Married to  
the Mob?**

# TOP 100

Over \$68 Billion Invested  
in Canada's Biggest Projects

ReThink. ReBuild. ReNew.  
[renewcanada.net](http://renewcanada.net)

Changing Ideas  
About Project  
Delivery Models

The Major Source  
of Hidden  
Construction Costs

Alberta's Biggest  
P3 – Success or  
Failed Experiment?

\$9.00



# ReNew

C A N A D A

The Infrastructure Renewal Magazine

JANUARY/FEBRUARY 2010



10



22



19



35



26

## ABOUT THE COVER

Credit: Ryan O'Quinn



This photo was taken at the massive construction site for the Eastmain-1-A/Sarcelle/Rupert project near Quebec's James Bay—number two on our Top 100 list of infrastructure projects for 2010.

## THE TOP 100

- 10 The Top 10** This year's top projects involve two massive tunnel boring machines, seven hydro dams, 4,000 megawatts of electricity and thousands of skilled workers. *By Mira Shenker*
- 19 International Top Tens** Canada's not the only country with top-ten-worthy projects.
- 22 Honourable Mentions** Not every project makes the Top 100, but they're still worth our attention.

## CONSTRUCTION COSTS

- 26 Construction Collusion** Are market pressures the only thing driving up costs in Quebec? *By Jason Magder*
- 30 Rocking Out** The often overlooked element that can drive up the cost of any construction project. *By Glenn Miller*
- 32 Supply-Chain of Fools** Poorly-written contracts can lead to billion-dollar shortfalls. *By Stephen Bauld*

## FINANCING

- 38 Private School** Unravelling the debate around Alberta's biggest social P3. *By Diane L.M. Cook*
- 40 Sharing the Weight** The new project-delivery concept that could turn the industry on its head. *By Mira Shenker*

## DEPARTMENTS

- 4 Editor's Note** Is stimulus funding really making an impact on the industry? *By Mira Shenker*
- 5 Letters** Study tour feedback and a life-cycle perspective.
- 6 ReThink** Designing a public realm that appeases locals and attracts visitors. *By Gordon Stratford*
- 8 ReLocate** Jobs gained and lost in the industry.
- 35 ReLocate** Tax classes are making it impossible for brownfields to appeal to developers. *By Pamela Kraft*
- 42 The LEED List**  
Ten new LEED certifications in Canada.
- 45 Community Profile** Whitehorse, Yukon Territory. Planning for smart growth. *By Kerry Freek*
- 46 StormWatch** Who should communities put in charge of their revitalization efforts? *By Storm Cunningham*
- 47 ReEvents** RemTech 2009, Canadian Brownfields 2009, Transportation Futures, Actual Media's annual party and more.
- 50 Closing Shot** *Todd Latham* thinks the Canadian public should put up or shut up.