

Energy Day

Logistics:

DATE/TIME:	July 31, 2012 12:00 PM – 3:15 PM Minister has no formal role
LOCATION:	Canada House, Trafalgar Square, SW1Y 5BJ
ACCOMPANIED BY:	Tobie Myers, Ministerial Assistant
SECURITY:	Minister and Tobie are on the security list
DRESS CODE:	Business
DIGNITARIES:	High Commissioner Campbell and Premier Redford
MEDIA:	Yes, invited to all the Pan Canadian Days
STAFF SUPPORT:	Bruce Madu Contact information TBD
GIFT:	No, it is a relatively formal lunch event

Event Information

EVENT:	Canada and the provinces of British Columbia, Ontario and Quebec are hosting a Canadian energy industry event and reception
KEY EVENT OBJECTIVE:	To communicate the opportunities and good news from B.C. - why it is a good time to invest.
KEY MESSAGES:	<ul style="list-style-type: none">B.C. is open for business
THEIR INTERESTS:	Investment in B.C. energy

Itinerary:

Time	Details
12:00 – 12:30 PM	Arrival and Reception, Canada Business Club, Canada House
12:40 – 1:30 PM	Luncheon, High Commissioner's Salon, Canada House
1:30 – 1:35 PM	Welcoming remarks: Mr. Gordon Campbell, High Commissioner for Canada
1:35 – 1:50 PM	The Honourable Alison Redford, Q.C., Premier of Alberta speaks
1:50 – 2:05 PM	Mr. Greg Schmidt, President, Energy Council of Canada speaks
2:05 – 2:20 PM	Dr. Vicki Sharpe, President of Sustainable Technology Development Canada speaks
2:20 – 2:30 PM	Panel Q&A's to be moderated by High Commissioner Gordon Campbell
2:30 – 3:15 PM	Coffee and tea served at Networking Reception, Canada Business Club, Canada House

3:15 PM	END of program
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Itinerary

London 2012/Paris/Amsterdam: Minister Rich Coleman

LONDON	
Friday, July 27	
9 – 10 a.m.	Meeting: HSBC <i>Location: 8 Canada Square, Canary Wharf</i> Update on Euro capital markets and outlook for Eurozone
12 to 1 p.m.	Reception: Canada House <i>Location: Canada House, Trafalgar Square</i>
Saturday, July 28	
12:00 p.m.	Host Nation Reception <i>Location: Canada House, Trafalgar Square</i>
2:00 p.m.– 4:00 pm	Tour: Tall Wood Buildings: Murray Grove/Bridport House (outside); Whitmore Road (inside). <i>Location: 74 Paul Street, London</i> <i>Contact: Andrew Waugh, Waugh Thistleton Architects Ltd.</i>
Sunday, July 29	
Monday, July 30	
9:00 – 10:30 am	Meeting: British Gas Group <i>Location: 100 Thames Valley Park Drive, Faraday Building - Board Room</i> <i>BG Headquarters Reading, Berkshire</i> 0900-1000 Rob Macaire Rob Macaire (Group Head of Government Affairs) and Ramanie Kunanayagam (Group Head of Social Performance) 1000-1030 Visit to ICE room (Integrated Collaborative Environment) Hosted by Chris Pearson – ICE Manager, accompanied by Rob/Ramanie
1:30 – 8:00 pm	Mining Day <i>Location: Canada House, Trafalgar Square</i> (2:10 to 2:55 p.m. Minister speaks on 'British Columbia: Opportunities to Explore')
Tuesday, July 31	
10:00 – 11:15 a.m.	Meeting: CIBC World Markets <i>Location: 150 Cheapside, London EC2V 6ET</i>
11:30 a.m. – 3:15 p.m.	Energy Day <i>Location: Canada House, Trafalgar Square</i>
4:00 p.m. – 5:00 p.m.	Meeting: Drax Power Limited Mathew Rivers, Director of Biomass Business <i>Location: Canada High Commission, Macdonald House, 1 Grosvenor Square</i> <i>Contact: Rolf Fyne, Director Business Development Europe, International Trade and Investment Representative Office Europe, Government of British Columbia;</i>
5:30 p.m. – 7:15 p.m.	Meeting: Anglo American Corp Seamus French, CEO; Federico G. Velásquez, Director of Corporate Affairs, Canada; Jonathon Samuel, Head of Social Performance, Global
9:30 p.m. – 12:30 a.m.	Conference Call: Legislative Assembly Management Committee

NETHERLANDS

Wednesday, August 1

11:55 a.m.	Depart London
2:05 p.m.	Arrive Amsterdam, British Airways #434

Thursday, August 2

9:30 a.m.	Tour: Afval Energie Bedrijf A waste to energy company, part of the City of Amsterdam www.amsterdam.nl/aeb/english 9.45am Presentation about AEB 10.45am Tour of plant <i>Location: Australiehavenweg 21, 1045 BA Amsterdam</i>
11:30 a.m.	TRAVEL Depart AEB, drive to The Hague
2:00 – 2:40 p.m.	Meeting: Mr. Chris Buijink, Secretary General, Ministry of Economic Affairs, Agriculture and Innovation Meeting requested by the Dutch Consulate General in Vancouver <i>Location: Bezuidenhoutseweg 20, 2594 AV The Hague</i>
3:00 p.m. – 4:30 p.m.	Meeting: Mr. De La Rey Venter, Global Head of LNG, Shell <i>Location: Shell HQ, Sophialaan 7, 2514 JP The Hague</i>
5:00 p.m. – 6:00 p.m.	Meeting: Ambassador James Lambert, Canadian Ambassador to the Netherlands <i>Location: Canadian Embassy, Sophialaan 7, 2514 JP The Hague</i>
6:00 p.m.	TRAVEL Return to Hotel in Amsterdam arrive Hotel at 7:30

Friday, August 3

9:30 a.m. – 11:00 a.m.	Tour: Salvation Army Homeless Shelter The Instroomhuis (one of the newest shelters in Amsterdam). Meet some of the 48 people who live there; have a presentation about the homeless policy in Amsterdam.
2:30 p.m. – 5:00 p.m.	Tour: Villa Flora, an “energy neutral” office block <ul style="list-style-type: none"> • Welcomed by Mr C H C (Kees) van Rooij, Mayor of Horst aan de Maas. • Welcome in the Atrium of the Innovatoren by Mr Sven Stimac, Project Director Floriade 2012 and Mr Dzingisz Gábor, Commissioner-General of the Floriade 2012. • Words of welcome by Mr Sven Stimac. 3.15pm Depart Innovatoren for the Villa Flora 3.30pm Arrival Villa Flora, tour led by Mr Fred Koiter, Project Leader, Villa Flora 4.30pm Depart Villa Flora to the Innovatoren 4.40pm Farewell at Innovatoren: Mr Gábor, Mr Stimac, Mr van Rooij and Mr Koiter. <i>Location: Venlo, Netherlands (approx 2.5hr drive east of Amsterdam)</i>
5:00 p.m.	TRAVEL Return to Hotel in Amsterdam at 7:30 p.m.

Saturday, August 4

8:30 a.m.	TRAVEL to Arnhem
10:00 a.m. – 11:00 a.m.	Arnhem Oosterbeek War Cemetery & Airborne Museum “Hartenstein” http://en.wikipedia.org/wiki/Arnhem_Oosterbeek_War_Cemetery Minister met by Mr J P Gebben, Mayor of Municipality of Renkum
11:00 a.m.	TRAVEL Depart Oosterbeek for Rotterdam , Thalys # 9352 Arrive Paris at 4:30 p.m.

PARIS

Sunday August 5

Monday, August 6

9:00 a.m.	Tour of ISSEANE <i>Location: Issy-les-Moulineaux, Hauts-de-Seine, Ile-de-France</i>
10:30 a.m.	TRAVEL: Leave ISSEANE, travel to EDF meeting.
11:00 a.m. to 1:30 p.m.	Meeting Antoine Cahuzac, President and CEO of EDF Energies Nouvelles
1:30 p.m.	TRAVEL to EDF EN's Chemin d'Ablis wind project
2:30 p.m.	TOUR: Chemin d'Ablis wind site
3:45 p.m.	TRAVEL: Return to Paris
4:45 p.m.	Arrive at Hotel

Tuesday, August 7

10:15 a.m.	TRAVEL Paris to London
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Pan-Canadian Mining Day



30th July 2012, Canada House

14:00 – 14:10	Introduction – Brian Parrott, Senior Trade Commissioner, High Commission of Canada
14:10 – 14:55	British Columbia: Opportunities to Explore Honourable Rich Coleman, Minister of Energy and Mines, Government of British Columbia
14:55 – 15:40	Mineral Exploration and Development in Ontario Michael Stewart, Counsellor, Commercial, Ontario International Marketing Centre
15:40 – 16:00	Break for networking
16:00 – 18:00	Québec: The Plan Nord Québec Government Representative Dr. Matthew Coon Come, Grand Chief of the Grand Council of the Crees (Eeyou Istchee) Ghislain Poirier, Vice-President, Public Affairs, Stornoway Diamond Corporation
18.00 – 20:00	Reception, featuring Julie Payette, Canadian Astronaut, introduced by Gordon Campbell, Canadian High Commissioner

Canadian Energy Luncheon



Tuesday, July 31, 2012

12:00 noon

Canada House

Trafalgar Square

SW1Y 5BJ

The High Commission of Canada is pleased to host three keynote speakers who will provide their perspective of Canada's diverse energy sector from coast to coast. As a responsible energy producer, the Canadian Energy luncheon will promote Canada as a clean energy super power with diverse resources and a nation which should be looked to during these complex times for energy security.

This luncheon will also highlight investment opportunities, innovation, and sustainable development, while stressing sustainable energy production, water and emissions management.

12:00 – 12:30	Arrival and Reception, Canada Business Club, Canada House
12:30 – 12:40	Call to luncheon
12:40 – 13:30	Luncheon, High Commissioner's Salon, Canada House
13:30 - 13:35	Welcoming remarks: Mr. Gordon Campbell, High Commissioner for Canada
13:35 – 13:50	The Honourable Alison Redford, Q.C., Premier of Alberta
13:50 – 14:05	Mr. Greg Schmidt, President, Energy Council of Canada
14:05 – 14:20	Dr. Vicki Sharpe, President of Sustainable Technology Development Canada
14:20 – 14:30	Panel Q&A's to be moderated by High Commissioner Gordon Campbell
14:30 – 15:15	Coffee and tea served at Networking Reception, Canada Business Club, Canada House
15:15	END of program

Meeting: HSBC**Attendees:**

- Spencer Lake, Co-Head of Global Markets
- William Stevens, MD, Global Head of Upstream Oil & Gas
- Sue Sharpe, Co-Head of Global Markets

Meeting Date: July 27, 2012**Time:** 9:00am – 10:00am**Location:** Level 4, 8 Canada Square at Canary Wharf (go to Main Reception for security pass)**HSBC Contact:** Sue Sharpe, Executive Assistant to Spencer LakeEmail: Susan.sharpe@hsbcgroup.com

Phone: +44 20 7992 4107

MEETING

BACKGROUND

HSBC Securities is Canada's largest foreign-owned full-service brokerage. It is a subsidiary of HSBC Bank Canada, and a member of HSBC Group – an international financial services organization with more than 9,500 offices in 85 countries and territories worldwide.

HSBC Bank Canada, headquartered in Vancouver, is one of the largest private sector employers in BC and is Canada's largest foreign bank, with over 260 offices, including 140 branches.

HSBC Securities is a member of the Province's domestic bond syndicate as a banking group member. HSBC Bank Canada has recently entered into an agreement with the province allowing them to be a derivatives counterparty with the province.

HSBC Securities has participated in US dollar global bond offerings by British Columbia and covers the province on the euro and sterling markets. HSBC was promoted to joint lead manager in the province's 10-year US dollar global deal in September 2011 and its 5-year US dollar global deal in April 2012. HSBC also arranged the province's Euro 40 million (about \$56 million Canadian) private placement last October – the province's first issue launched in euros - following the Minister's investor tour to Europe. Very recently, the firm assisted the province on its investor tour of Asia.

HSBC has recently been implicated in a money laundering scheme. A US Senate committee will be asking senior executives about the bank's dealings with embassy accounts, transactions with Iranian firms, and money laundering at its Mexican operations.

While not specifically named in the ongoing Libor scandal, HSBC is one of a dozen banks that submit Libor rates on a daily basis (the rate is a benchmark for \$360 trillion of securities worldwide). The banking community is under investigation for claims that

the Libor submissions were purposely manipulated.

PURPOSE OF MEETING:

The purpose of the meeting is two-fold:

- Provide the bank's assessment of the European and global economic and financial outlook, including risks and opportunities; and,
- Supply the bank's outlook for the energy and mining sector.

The meeting presents an opportunity to gauge how global factors may impact Canada and especially the outlook for British Columbia's energy and mining sector.

Expect that the bank will be interested to hear about progress with LNG development in British Columbia.

Recommend that the Minister acknowledge the bank's important relationship with the province and encourage officials to keep British Columbia's favourable story (economy, fiscal and credit) before their investors.

PREPARED BY:

Tim Pierce
Debt Management Branch
Provincial Treasury

REVIEWED AND APPROVED BY:

ADM: Jim Hopkins, July 23, 2012



Spencer Lake
Co-Head of Global Markets

Spencer was appointed Co-Head of Global Markets with effect from 1 January 2011. Global Markets manages the bank's FICC and equity activities across sales, trading, origination and research with an on the ground presence in over 60 countries globally.

Spencer joined HSBC in 2006 and, prior to his appointment as Co-Head of Global Markets, was Global Head of Debt Capital Markets and Acquisition Finance. He was also jointly responsible for HSBC's Government Sector.

Prior to joining HSBC, Spencer had a 17 year career with Merrill Lynch in New York, Hong Kong, and London across a number of areas including real estate finance, investment banking, and debt capital markets. During his career at Merrill, Spencer ran Asian debt origination, started and managed European Public Sector origination, managed European Emerging Markets asset and liability origination, European financing and risk management, and prior to his departure, ran liability origination in the Pacific Rim (Japan, Asia-Pacific and Australasia). Prior to Merrill Lynch Spencer worked for two years at JP Morgan in real estate investment banking.

Spencer holds a B.A. in International Finance and Marketing from Suffolk University and an M.B.A. from New York University's Stern School of Business.

HSBC

Reserve Based Lending

MEETING NOTE

MEETING WITH: Waugh Thistleton Architects Ltd.

WHO: Andrew Waugh

- Tour will include three tall wood buildings. British Columbia introduced mid-rise wood frame residential construction in 2009.

DESIRED OUTCOME:

- An opportunity to tour buildings that exceed the six-storeys permitted under the B.C. Building Code. The buildings are all constructed from Cross-Laminated Timber.

KEY POINTS:

- B.C. is the only Canadian province to allow wood-frame residential buildings up to six-storeys.
- B.C. submitted the 6 storey residential wood frame project for inclusion in future editions of the National Code and has been working with the national code centre on these proposed changes.

BACKGROUND:

- Under the current BC Building Code and the 2012 edition the Code allows:
 - For residential buildings, wood-frame construction up to 6 storeys (18 metres max.) with a maximum of 7200 sq. metres of floor space (or 1200 sq.m per floor at six-storeys).
 - For mixed use, commercial or academic facilities:
 - Exhibition space, lecture theatre, classrooms: limited to 2 storeys, footprint of 2400 sq.m.
 - Mercantile space for tenants: limited to 2 storeys with a footprint of 3600 sq.m.
 - Administrative and academic offices: limited to 4 storeys.

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Whitmore Road, London

Architect: Waugh Thistleton Architects Ltd.

Adjacent to the Whitmore Bridge over Regents Canal, this is a mixed use seven storey building. It provides two floors of office space, a double height photographic studio, and three triplex apartments opening onto generous roof terraces.

The cross-laminated timber structure was erected in five weeks. The building form illustrates the structural capabilities of pre-fabricated timber panels. At the centre of the building, the double height studio spans 9m and stretches to 23m of open column free space. This is achieved by the walls acting as beams and the party walls in the apartments above acting as trusses.

The practice's extensive experience with timber construction has allowed us to push the boundaries of timber design... and so for good measure we then cantilevered the timber building 1.5m over the canal.

The cladding is British Sweet Chestnut, a traditional British barn cladding timber – hard wearing and durable.

Timber reveals give depth to the elevations, and the large windows provide lovely north light and canal views to the studio and offices. The four strong client cooperative are due to inhabit the building in summer 2012.

Further Information/Case Study:

http://eoinc.weebly.com/uploads/3/0/5/1/3051016/murray_grove_case_study.pdf

Murray Grove, London

Architect: Waugh Thistleton Architects Ltd.

The world's tallest modern timber residential building.

Constructed from cross-laminated timber panels from the first floor upwards, Stadthaus is the tallest modern timber structure in the world. The nine-storey building is the first of this height to construct load bearing walls and floor slabs as well as stair and lift cores entirely from timber.

Commissioned by Metropolitan Housing Trust and developed by housebuilder Telford Homes, the tower houses 29 apartments with a neighbourhood office on the ground floor.

The unique structure of the building is a result of the practice's research in reducing the carbon emissions not only of the finished building but of the whole build process.

The production of concrete and steel are very energy intensive, pumping tons of carbon dioxide into the atmosphere. In complete contrast timber stores carbon as it grows, meaning that this building stores 186 tonnes of carbon within its structure for its lifetime.

The entire building was completed within forty-nine weeks.

Upon its completion the building had zero defects and 100% tenants approval successfully demonstrating that solid timber construction is a financially viable, environmentally sustainable and beautiful replacement for concrete and steel in high-density housing.

Bridport House, London, UK

Bridport House marks the first time that cross-laminated timber (CLT) has been chosen in the UK for an entire multi-storey structure, including the ground floor, which is traditionally constructed from concrete.

In Bridport House, solid timber is successfully combined with other building materials such as brick, aluminium and copper, which were used in the architectural details.

Considered one of the tallest residential timber structures in the world, the building replaces an old block of flats built in the 1950s.

Commissioned by the London Borough of Hackney and designed by Karakusevic Carson Architects, Bridport House offers altogether 41 maisonettes and apartments. Generous balconies with excellent daylight are provided in all 33 apartments located on the upper floors. All of the ground-floor family apartments have private patio gardens.

Project facts

Building type: Multi-storey residential building with 41 units

Location: Bridport Place, Hackney, London

Owner: London Borough of Hackney

Architect: Karakusevic Carson Architects

Main Contractor: Willmott Dixon Ltd

Wood construction and assembly: EURBAN Ltd

Quantity of CLT: 1,100 CLT boards, about 1,576 m³, 30 deliveries

Construction time: 12 weeks, from October to November 2010

For more information:

http://www.karakusevic-carson.com/wp-content/uploads/2011/03/120509_Bridport-House-east-London-by-Karakusevic-Carson-Architects--Building-Studies--Building-Design.pdf

MEETING NOTE:

MEETING WITH BRITISH GAS GROUP PLC (BG GROUP) HEADQUARTERS IN READING, BERKSHIRE, UNITED KINGDOM

WHO: Mr. Rich Coleman and Senior Management of BG Group (Unconfirmed)

ADDRESS AS: Honorable Rich Coleman, Minister of British Columbia (BC)
Ministry of Energy and Mines

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- BG Group used to be an active player in BC. In 2004, the company was the 12th largest producer of natural gas in BC with its core operations in the Bubbles, Ojay and Copton/Lynx areas in North Eastern BC (NEBC)
 - In 2007, BG Group sold some of its Canadian assets to Progress Energy Limited. After that, BG Group holds 80,233 hectares in the Foothills regions of NEBC
 - BG Group participated in two installments of the Infrastructure Royalty Credit Program in 2008 and 2009. The company had two projects approved of which one project was cancelled and the other project was transferred to Canadian Natural Resources Limited
 - Presently, BG Group is proposing a liquefied natural gas (LNG) export plant in Prince Rupert, BC. BG Group has entered into an agreement with the Prince Rupert Port Authority to determine the viability of such a project

DESIRED OUTCOME:

- Attract BG Group's investment into BC for the natural gas sector, particularly into LNG facilities and infrastructure
- Promote BC as a global leader in secure and sustainable natural gas investment, development and export through implementing the *Natural Gas Strategy* and *LNG Strategy*
- Learn from BG Group's experience and expertise regarding LNG operations and their interactions with regulatory agencies

THEIR INTERESTS:

- To investigate the potential of developing a LNG export plant in Prince Rupert, BC in order to take advantages of the Province's vast natural gas resources and high Asian prices
- To learn about BC government's strategies in facilitating the LNG development

DISCUSSION:

- LNG feed gas for the potential LNG export project in Prince Rupert would be sourced from North Eastern British Columbia via production in the Horn River and/or Montney basins. Since BG Group has been less active in upstream operations in BC for the past five years, the company is likely to enter into

- agreements with other producers in the near future
- This potential LNG export project will require a dedicated pipeline (including compressor stations) to connect to producing fields, and BG Group is currently evaluating alternative route options
 - BC is facilitating LNG development by carrying on the *BC Jobs Plan* and implementing the *Natural Gas Strategy* and *LNG Strategy*. The Province is encouraging investment into LNG infrastructure. The proposed new policies will ensure the maximum benefit of all

BACKGROUND:

- BG Group is a global natural gas business. Active on five continents in 25 countries, it operates four business segments - Exploration and Production, LNG, Transmission and Distribution and Power
- BG Group was a leading supplier of Atlantic Basin LNG into the Pacific Basin in 2009. It has supplied 22 of the 22 LNG importing countries and sourced LNG from 10 different supplier countries
- BG Group pursues a number of options to create a diversified supply portfolio worldwide. These options include buying LNG from third parties as well as from BG Group equity LNG liquefaction projects in Egypt, and Trinidad and Tobago. The portfolio has a variety of contract periods and shipping arrangements. BG Group's current contracted LNG supply is around 13 million tonnes per year (Mtpa)
- BG Group is also the largest international oil company operator of LNG ships
- BG Group is listed on the London Stock Exchange and is a constituent of the FTSE 100 Index. As of 6 July 2012, it was the 7th largest company on the FTSE, with a market capitalization of £44.9 billion

PREPARED BY:

Jiali Leng

250-953-3799

REVIEWED AND APPROVED BY:

Ines Piccinino, Executive Lead

Brian Hansen, ADM

Steve Carr, DM

MEETING NOTE:

MEETING WITH ANGLO AMERICAN DURING LONDON OLYMPICS

WHO: Federico Velasquez

- Anglo American recently met with the Ministry of Energy and Mines to discuss a number of Notice of Work applications for exploration permits associated with the Roman coal project.
- PRC submitted two Notice of Work (NOW) applications for exploration on the Roman site in April and May of 2011. They were advised to provide a Caribou Mitigation and Monitoring Plan to address impacts on Northern Caribou. This plan is currently under review by FLRNO. MRM's Senior Inspector of Mines requires confirmation from FLNRO that the plan meets the requirements of the Peace Northern Caribou Interim Guidelines before making a decision on these two applications.
- PRC also submitted two NOW applications for exploration on the Roman Mountain site in January and February of 2012. These two applications also require a Caribou Mitigation and Monitoring Plan. The referral and First Nations consultation period for these applications ended on July 13th, 2012.
- All of PRC's mining interests in the northeast are located in core caribou habitat.
- The Environmental Assessment Office (EAO) review of the Roman Project is expected to conclude in July or August of 2012. At that time, the EAO will forward an information package and recommendations to the Ministers of Environment and Energy and Mines, after which the Ministers are expected to make a decision on the proposed project within the subsequent 45-day period.
- If approved, Roman Coal Mine will employ over 250 people for 15 years and will produce over 3 million tonnes of coal per year. The estimated capital cost of this project is \$250 million.

THEIR INTEREST:

- PRC currently operates Trend Mine, a 2 million tonne per year coal mine 25 km south of Tumbler Ridge.
- PRC also has interests in the following:
 - Belcourt and Saxon coal properties, located southeast of Tumbler Ridge. These properties are in the exploration stages. PRC has a 50% interest in this partnership with Walter Energy Western Coal.
 - Roman coal project, located immediately south of the Trend Mine. This project is currently under review in the BC environmental assessment

process.

- Horizon coal project, located west of Trend Mine. This project is currently in the exploration stage.

KEY POINTS:

- Northern caribou management continues to be the primary challenge facing new mine developments in the northeast.
- The Peace Northern Caribou Management Plan is currently under development. Until it is finalized, interim guidelines have been created to guide proponents in the design and implementation of projects in caribou habitat.

PREPARED BY:

Sara Bose
250-387-5491

REVIEWED AND APPROVED BY:

ADM: David Morel, July 23, 2012
ADM Office: 250-952-0473

<p>Meeting: CIBC</p> <p>Attendees:</p> <ul style="list-style-type: none"> - Michael (Mick) Oliver, MD & Head of Investment Mining - Jeremy Stretch, Head of Foreign Exchange Strategy - Karl Wildi, MD & Head of Capital Markets of Europe - Stephen Redding, MD & Head of Corporate Credit Products - Manuel Santiago, MD & Head of Oil & Gas Investment Banking <p>Meeting Date: July 31, 2012</p> <p>Time: 10:00am – 10:50am</p> <p>Location: CIBC Office, 150 Cheapside, London (check-in with ground floor security then go to CIBC reception on 2nd floor)</p> <p>CIBC Contact: Joanne Wilkinson-Collings</p> <p>Email: Joanne.Wilkinson-Collings@cibc.co.uk</p> <p>Phone: 020 7234 6125</p>	<h1>MEETING</h1>
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BACKGROUND

CIBC World Markets (CIBC WM) is the wholesale banking arm of the Canadian Imperial Bank of Commerce. It employs approximately 3,000 people worldwide with offices across Canada.

CIBC WM, alone among the Canadian banks, had significant losses as a result of exposure to the U.S. subprime mortgage market (\$US 3.2 billion).

The firm is in the management group of the Province's domestic syndicate and is a member of the Province's Canadian promissory note program. In 2003, CIBC WM was the first Canadian dealer to jointly lead a BC US dollar global issue. In 2004, CIBC WM was added to the Province's Euro Debt Issuance Programme group. In 2010, 2011 and 2012, CIBC WM was a joint lead manager in the province's 3 successful US dollar global bond issues.

CIBC WM was advisor to the BC Rail Group of companies regarding the operating asset partnership. The firm has been selected by B.C. Ferry Services Inc. as its principal financial advisor and arranger. CIBC WM was selected as the successful proponent for a financial advisory role pertaining to the Waneta Expansion Project (WAX), and in 2010 CIBC WM was selected as the financial advisor/arranger in structuring and raising the needed capital from the Arrow Lakes Project Corporation to fund the WAX project by Columbia Power Corporation and Columbia Basin Trust.

PURPOSE OF MEETING:

The purpose of the meeting is two-fold:

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- Supply the bank's outlook for the energy and mining sector.

The meeting presents an opportunity to gauge how global factors may impact Canada and especially the outlook for British Columbia's energy and mining sector.

Expect that the bank will be interested to hear about progress with LNG development in British Columbia.

Recommend that the Minister acknowledge the bank's important relationship with the province and encourage officials to keep British Columbia's favourable story (economy, fiscal and credit) before their investors.

PREPARED BY:

Tim Pierce
Debt Management Branch
Provincial Treasury

REVIEWED AND APPROVED BY:

ADM: Jim Hopkins, July 23, 2012

Bios: CIBC

Jeremy Stretch

Head of FX Strategy at CIBC,

S 22

S 22

Karl Wildi

Managing Director and Head of Capital Markets in Europe.

S 22

S 22

Mr Michael Oliver

Managing Director in the Investment Banking Division of CIBC World Markets, based in London,

S 22

Stephen Redding

Managing Director and Head of Corporate Credit Products – Europe.

S 22

S 22

Manuel Santiago

Managing Director

S 22

Ed Dodig

Managing Director, Head of CIBC's European Region and acting Head of the Asia Pacific Region,

S 22

Drax Power Limited bilateral (60 mins)

DATE/TIME:	31 July 2012 4:00 PM - 4:45 PM
LOCATION:	Canada House 5 Trafalgar Square SW1Y 5
MEETING WITH:	Matthew Rivers, Director Biomass Business, Drax Power Limited
STAFF SUPPORT:	Rolf Fyne, B.C. Trade and Investment Representative +44 7900-673906

Meeting Information:

MEETING EVENT:	Meeting with Drax Power Limited
SIGNIFICANCE:	<ul style="list-style-type: none"> Drax have a base wood pellet requirement for 1 million tonnes annually as coal-replacement strategy in firing their 4,000 megawatt generators. Drax's target is to achieve 50% biomass co-firing by 2020. In order to secure long-term supply, Drax are considering co-investing in pellet production in B.C. and on Canada's East coast.
KEY MEETING OBJECTIVE:	<ul style="list-style-type: none"> To highlight British Columbia as a key exporter of wood pellets to Europe. To highlight British Columbia's fibre supply and its potential to play a key role in satisfying the biomass requirements by the European utilities, legislated through the <i>EU 20/20/20 Renewable Energy Directive</i> (see 'Background' section for more detail).
BACKGROUND:	<ul style="list-style-type: none"> Drax is a major purchaser of wood pellets from British Columbia. Drax is using ~600,000 tonnes/year of B.C. pellets and plan on increasing volumes from the province. Drax may be willing to invest in JVs with B.C. pellet producers to secure long-term off take agreements. In July 2011, members of the Drax Executive Committee visited B.C. to meet with Pinnacle Renewable Energy to discuss the basis for on-going collaboration and contracts for pellet deliveries to Drax over the next five years. Up to 2 million tonnes in prospect. <p>Drax Power is also exploring off take agreement for 250,000 tonnes/year of wood pellets with Atco Wood Products. The contact was made through the European TIR during Atco's mission to the EU in March 2012.</p> <p><u>Company overview:</u> Drax Power Limited is the operating subsidiary of Drax Group plc and the owner and operator of Drax Power Station, the largest, cleanest and most efficient coal-fired power station in the UK.</p> <p>The output capacity of their six generators is 4,000 megawatts, making Drax nearly twice the size of the next largest coal-fired power station in the UK. Drax currently provides enough power to meet 7% of the UK's electricity needs.</p> <p>As well as being an important strategic asset nationally, Drax is also vital to the local economy. Drax Power employs some 760 people and supports many other local jobs indirectly.</p>

Drax Power Station is already the largest, cleanest and most efficient coal-fired power station in the country. In 2010, Drax commissioned the largest biomass co-firing project in the world, in which renewable biomass is burnt alongside coal to produce electricity. The multi-million pound facility provides Drax with the capability to produce 12.5% of their power generation from co-firing.

EU Renewable Energy Directive background:

Europe's climate and energy goals call for an average of 20 percent of all the continent's power to come from renewable sources by 2020, with the target percentage for individual countries varying considerably.

Adopted in late 2008 and known collectively as the 20-20-20 directive, the European Union's (EU) renewable energy plan for the year 2020 sets three primary goals,

- A cut in greenhouse gases of at least 20 percent below 1990 levels;
- A 20 percent reduction in overall primary energy use; and
- 20 percent of energy to come from renewable sources.

Biomass – already a dominant renewable-energy source across the EU – is likely to be used in increasing amounts. One type of biomass, wood pellet fuel, will play a particularly important role, as it can be used for residential heating, district heating and electricity generation.

Mining Day

Logistics:

DATE/TIME:	July 30, 2012 2:00 PM – 6:00 PM Minister speaks from 2:10 p.m. – 2:55 p.m. Reception to follow 6:00 p.m. – 8:00 p.m.
LOCATION:	Canada House, Trafalgar Square, SW1Y 5BJ
ACCOMPANIED BY:	Tobie Myers, Ministerial Assistant
SECURITY:	Arrive by 1.30pm they have a boardroom where speakers can congregate before the seminar. There will be security guards at the entrance to Canada House, all participants have been asked to bring a photo identity piece with them and their name should be on the list. <i>Note - Please advise Allison Goodings Allison.Goodings@international.gc.ca of any other government officials arriving with the Minister so their names can be included. (Note we already have Tobie Myers, Ministerial Assistant on the list).</i>
DRESS CODE:	Business attire
DIGNITARIES:	No. High Commissioner Campbell will not be able to attend the start of the day due to other commitments but will be there at the reception.
MEDIA:	Yes, invited to all the Pan Canadian Days
NUMBER OF INVITEES:	80 see below
STAFF SUPPORT:	Bruce Madu Contact information TBD
GIFT:	No, do not hand out pins etc during the speaking portion of the program
SET UP:	Room set up theatre style - podium and tables for five

Event Information:

EVENT:	Pan Canadian Mining Day
KEY EVENT OBJECTIVE:	To communicate opportunities and good news from B.C. - why it is a good time to invest.
KEY MESSAGES:	<ul style="list-style-type: none">Insert
THEIR INTERESTS:	Opportunities for mining exploration and investment in B.C.
BACKGROUND:	Canada and the provinces of British Columbia, Ontario and Quebec are hosting this Canadian mining industry event and reception event

Comment [tj1]: Insert KMs

Itinerary:

Time	Details
1:30 PM	Arrive
2:00 – 2:10 PM	Introduction – Brian Parrott, Senior Trade Commissioner, High Commission of Canada
2:10 – 2:55 PM	British Columbia: Opportunities to Explore - Honourable Rich Coleman, Minister of Energy and Mines, Government of British Columbia
2:55 – 3:40 PM	Mineral Exploration and Development in Ontario - Michael Stewart, Counsellor, Commercial, Ontario International Marketing Centre
3:40 – 4:00 PM	Break for networking
4:00 – 6:00 PM	Québec: The Plan Nord - Québec Government Representative, Dr. Matthew Coon Come; Grand Chief of the Grand Council of the Crees (Eeyou Istchee); and Ghislain Poirier, Vice-President, Public Affairs, Stornoway Diamond Corporation
6:00 – 8:00 pm	Reception, featuring Julie Payette, Canadian Astronaut, introduced by Gordon Campbell, Canadian High Commissioner

Corporate Profiles of Mining Day Attendees:

- François-Philippe Champagne, **AMEC plc**
- Duncan Guy, **AMEC plc**, Head of Governmental Relations
- Omar Davis, **Bank of America Merrill Lynch**, Director of Mining Investment Banking
- Caoimhe Buckley, **BHP Billiton**, Head of Public Affairs, Europe
- Mark Florman, **British Private Equity & Venture Capital Association**, Chief Executive Officer
- Julie Payette, **Canadian Astronaut**
- Stephen Meadowcroft, **Costain**, Operations Director - Tunnels
- Daniel Raguenuez, **Credit Agricole**, Managing Director, Global Head of Structured Commodity Finance
- Nigel Bacon, **CUKCC**, Executive Director
- Wanda Cutler, **Cutler McCarthy**
- Paul Fletcher, **Deloitte LLP**, Practice Senior Partner/ Private Markets
- Dr. Richard Tipper, **Ecometrica**, CEO
- Thierry Rodier, **EDF**
- Andy Camfield, **Environcorp**
- Mark Camilleri, **Fasken Martineau**, Partner
- Ray Ingram, **Fasken Martineau**
- Jodi Katz, **Fasken Martineau**, Partner
- Peter Villani, **Fasken Martineau DuMoulin SENCRL/LLP**
- June Paddock, **Fasken Martineau**, Partner
- Helen Sutcliffe, **Fasken Martineau**, Trainee Solicitor
- Paul Airley, **Fladgate LLP**, Partner
- Richie Clark, **Fox Williams LLP**, Partner
- Sophia Pickles, **Global Wintess**
- Luke Alexander, **GMP Europe**
- Hon. Bruce Northrup, **Government of New Brunswick, Minister of Natural Resources**
- Sam McEwan, **Government of New Brunswick**, Assistant Deputy Minister

- Charles Bond, **Gowlings**, Partner
- Mark Ledwell, **Gowlings**, Managing Partner
- Dominic Prentis, **Gowlings**, Partner
- Abel Bosum, **Grand Council of the Crees** (Eeyou Istchee)
- Dr. Matthew Coon Come, **Grand Council of the Crees** (Eeyou Istchee), Grand Chief
- John Hurley, **Grand Council of the Crees** (Eeyou Istchee)
- Marcel Aubut, **Heenan Blaikie**, Partner
- H.E. Gordon Campbell, **High Commission of Canada**, High Commissioner
- Allison Goodings, **High Commission of Canada**
- Brian Parrott, **High Commission of Canada**, Minister-Counsellor (Commercial-Economic)
- Pam Whittaker, **High Commission of Canada**
- David McFarlane, **Investissement Quebec**, Director, London Office
- Adam Hart, **London Bridge Capital**
- Elliot Mannis, **London Bridge Capital**, Principal
- Robert Mahalski, **Mahalski Partners**
- Tony Mahalski, **Mahalski Partners**
- Robert J. Brant, **McCarthy Tetrault**, Managing Partner
- Achal Kapila, **McCarthy Tetrault**
- Aleya Karim, **McKinsey & Compagnie**
- Steve Karpel, **Metal Bulletin Focus**, Associate Editor
- Lawrence Williams, **Mineweb**, Editorial Director
- Dominic Mercer, **Mining Journal**, Deputy editor
- Gareth Tredway, **Mining Journal**, Features Editor
- Jane Isaacs, **Mining World & Coal**, International Editor
- Chris McMonagle, **Mott MacDonald**
- Lucia Baldino, **Mouvement Desjardins**, Directrice
- Peter Adams, **Murray & Roberts United Kingdom Limited**, Chairman
- Ian Bliss, **Northernshield Resources Inc.**, President, CEO
- Amanda van Dyke, **Ocean Equities Ltd**
- Michael Stewart, **Ontario International Marketing Centre**, Senior Economic Officer
- Andrew Thompson, **Ontario International Marketing Centre**
- Paul Austin, **Pelican Worldwide Ltd.**, Partner
- Isabelle Blondin, **Quebec Government Office**
- Pierre Boulanger, **Quebec Government Office**
- David Brulotte, **Quebec Government Office**
- Tamara Mehdi, **Quebec Government Office**
- Caroline Normandin, **Quebec Government Office**
- Isabelle Mignault, **Québec International**
- Chad Molleken, **Rainmaker Global Business Development**, Managing Director
- Richard Horrocks-Taylor, **RBC Capital Markets**, Head of European Mining & Metals Investment Banking
- Jean-Francois Turgeon, **Rio Tinto**, Managing Director, Iron and Titanium
- John Flexer, **Scotia Bank**, Managing Director
- William Swords, **Scotia Bank**, MD, Co-Head, corporate Banking Europe
- Jacques Daoust, **Speaker**
- Sylvie Bernier, **Speaker** (TBC)

- Grant Feast, **Sprung Structures Ltd**, Business Development Manager
- Derek Linfield, **Stikeman Elliot**, Manager
- Ghislain Poirier, **Stornoway Diamond Corporation**, Vice-President, Public Affairs
- Daniel Belchers, **Threadneedle Commodities** - Fund Manager
- Paul Chutter, **UBS Limited**, Associate Director, Equity Sales
- John Welch, **UKTI**, Senior Country Manager, USA/Canada
- Marcus Grubb, **World Gold Council**, Managing Director, Investment



Canada and the provinces of
British Columbia, Ontario and Quebec
invite you to a Canadian mining industry event and reception

Monday, 30th July, 2012 at 2:00pm
Canada House, Trafalgar Square, SW1Y 5BJ
Please refer to the attached programme

RSVP BY 16 JULY, QUOTING 'MINING' IN THE SUBJECT LINE
LDN.2012@INTERNATIONAL.GC.CA

DRESS: BUSINESS ATTIRE



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GCP-2012-0016





Le Canada et les provinces de la
Colombie-Britannique, de l'Ontario et du Québec
ont le plaisir de vous inviter à une journée et une réception
sur l'industrie minière canadienne

Le lundi 30 juillet 2012 à 14 h
À la Maison du Canada, Trafalgar Square, SW1Y 5BJ

PRIÈRE DE CONFIRMER VOTRE PRÉSENCE PAR COURRIEL À L'ADRESSE SUIVANTE:

LDN.2012@INTERNATIONAL.GC.CA (EN INDIQUANT « MINING » COMME OBJET)

RÉPONSE SOUHAITÉE AVANT LE 16 JUILLET.

TENUE DE VILLE



MEETING NOTE:

TOUR OF AFVAL ENERGIE BEDRIJF IN AMSTERDAM

WHO: Judith Baguley, Trade Commissioner, Canadian Embassy

AFVAL ENERGIE BEDRIJF (AEB):

- The Waste and Energy Company, AEB, is part of the City of Amsterdam.
- AEB is a world leader in the sustainable conversion of waste into energy and valuable, reusable raw materials.
- Largest single-location waste processor in the world.
- 99% of over 1.4 million tonnes of annually processed waste is recycled.
- The innovative plant has set a new global standard for electricity efficiency and maximizing products from waste.
- Over 300 employees in four divisions: Waste-to-Energy (WTE) Plant; Hazardous Waste Depot; Regional Sorting Centre; Waste Collection Points
- Every day, 600 trucks and a number of freight trains deliver 4,400,000 kilograms of waste to the WTE plant (equivalent to about 500,000 garbage bags).
- Waternet's sewage treatment plant is adjacent to AEB's facility. AEB uses Waternet's waste products to produce renewable electricity. In return, Waternet's plant receives heat and electricity.
- Valuable raw materials are recovered from the incinerator flue-gas, e.g. sulphur recovered is used to produce gypsum board for the building industry.
- Precious metals are recovered from the bottom ash remaining after incineration, and the leftover residue is used to produce granulate and artificial sand for use in the construction industry.
- AEB is working to develop an installation that can convert the last traces of bottom ash into higher quality materials, i.e. raw materials for the manufacture of concrete and asphalt.
- AEB may now start to import waste for processing. Even taking into account the transport required, the resulting carbon dioxide (CO₂) emissions are lower than if the foreign authorities were to dump the waste locally in landfill sites, given that methane gas (CH₄) is released when waste is dumped.

CONNECTIONS TO BC:

- Like the Netherlands, British Columbia has embraced a courageous vision, which includes: achieving electricity self-sufficiency; generating 93% of electricity from clean or renewable energy resources; employing demand-side management and energy conservation to reduce electricity demand by at

least 66% by 2020; and reducing waste by encouraging the use of waste heat, biogas and biomass.

- In British Columbia, electricity generated from municipal organic waste used to fuel a WTE facility is considered to be clean or renewable.
- As of April 2012, BC Hydro, purchases electricity from 74 clean energy projects: one municipal solid waste project, one energy recovery project, nine biomass projects, and four biogas (landfill gas) projects, along with two wind power projects and numerous hydropower projects.
- BC Hydro has an additional 52 electricity purchase agreements in place for projects that are in development, including: a municipal solid waste project, an energy recovery project, eight biomass projects, and two biogas projects.
- Local governments across British Columbia are considering WTE facilities as a more sustainable alternative to landfills. A major WTE contract is anticipated for Metro Vancouver's solid waste.

DESIRED OUTCOME:

- Advance additional knowledge and investment by Netherland's industry and quasi-government groups into the clean, renewable (WTE) sector in British Columbia and Canada.
- Enable British Columbia to maintain and enhance its profile as a leader in clean, renewable energy production and promote broader (Canadian) interests as a willing and able trading partner and a safe, secure investment target.

THEIR POSSIBLE INTEREST:

- Opportunity to learn about investment and information/knowledge exchange opportunities for British Columbian projects.
- Exposure to elected Provincial government.

BACKGROUND:

NOTE: Attire required: Everyone must wear ankle length trousers, long sleeves (no t-shirts) and flat, closed shoes. Not for anyone who suffers from heights as there are open-grid floors and stairways on the tour.

PREPARED BY:

Heather Johnstone
250-952-0887

REVIEWED AND APPROVED BY:

ADM: Les MacLaren
ADM Office: 250-952-0204
DM: Steve Carr, Deputy Minister

MEETING NOTE:

MEETING WITH ROYAL DUTCH SHELL PLC (SHELL) HEADQUARTERS IN THE HAGUE, NETHERLANDS, UNITED KINGDOM

WHO: Mr. Rich Coleman and Senior Management of Shell (Unconfirmed)

ADDRESS AS: Honorable Rich Coleman, Minister of British Columbia (BC)
Ministry of Energy and Mines (MEM)

- Shell is one of the largest integrated oil and natural gas companies in Canada. In 2010, Shell produced 46.8 billion cubic feet (Bcf) of natural gas in BC and was the seventh largest natural gas producer in the Province
- On May 15, 2012, Shell, Korea Gas Corporation and PetroChina Company Limited officially announced a proposal to build a liquefied natural gas (LNG) export facility near Kitimat, BC. The LNG Canada project would export 12 million tonnes per annum (mtpa) of LNG or 2.0 billion cubic feet/day (bcf/day) of gas from BC to Asian Markets
- LNG Canada has selected TransCanada Corporation to design, build, own and operate Coastal GasLink- a 700 kilometre pipeline that will connect natural gas from northern BC and the Western Canadian Sedimentary Basin to the proposed export facility located near Kitimat, BC

DESIRED OUTCOME:

- Promote BC as a global leader in secure and sustainable natural gas investment, development, and export through implementing the *Natural Gas Strategy* and *LNG Strategy*
- Facilitate development of the LNG Canada project and ensure that any government actions are delivered in a timely and well coordinated manner

THEIR INTERESTS:

- To learn about BC government's strategies in facilitating LNG development
- To discuss potential issues in the development of the LNG Canada project

DISCUSSION POINTS:

- Key issues that Shell may raise during the meeting include:
 - Electricity rates: Shell plans to use electricity to power the proposed LNG export plant in BC. The company is currently negotiating electricity rates with the BC MEM and BC Hydro and Power Authority (BC Hydro).
 - First Nations and regulatory risks: BC is addressing these risks through a working group that involves the Oil and Gas Commission, BC Hydro, Environmental Assessment Office, the Ministry of Aboriginal Relations and Reconciliation, and other agencies with consultation / regulatory

responsibilities, to ensure a coordinated cross-government approach

BACKGROUND:

- Shell has extensive experience in LNG development throughout the world. According to Wood Mackenzie, it has an estimated 16 mtpa of existing liquefaction capacity worldwide as of 2010
- Shell is the fourth global player in LNG liquefaction after Qatar Petroleum, Government of Indonesia, and Petroliaam Nasional Berhad (PETRONAS)
- Shell existing liquefaction facilities are located in Australia, Brunei, Malaysia, Nigeria, Oman, and Russia
- Shell has a variety of proposed LNG export projects in Australia, Iran, Iraq, Nigeria, Qatar, Russia, and its Canadian project in BC
- Shell owns LNG ships and re-gasification facilities worldwide

PREPARED BY:

Jiali Leng

250-953-3799

REVIEWED AND APPROVED BY:

Ines Piccinino, Executive Lead

Brian Hansen, ADM

Steve Carr, DM

MEETING NOTE

MEETING WITH: Ferdinand van der Velde

WHO: Manager Salvation Army Amsterdam

TIME: 9:30 am – 11:00 am

LOCATION: Zeeburgerdijk 215

Phone: +31 20 462 63 60

The Salvation Army in British Columbia is a significant provider of services to homeless individuals and families.

Minister will meet some of the 48 people who live at the shelter and will receive information and a presentation about the homeless policy in Amsterdam. Local political representation is still in progress.

- Current issues include:
 - Stagnation of housing production
 - Stagnation in housing market
 - Shortage for middle income groups
 - Shortage for large low income households
 - Housing stock not suitable for care at home or other specific needs

BACKGROUND:

- In the Netherlands, the number of homeless people is estimated to be around 30,000, which is a relatively low 0.2 percent of the population. During the last decade, a growing number of women and young people have been using homeless in shelters (in 1999 about 26% of shelter clients were women and 10% under the age of 18).

Homeless people are mostly seen as people that are not able to live on their own and that need care. Prevalent problems are addiction and also psychological problems. Many lack a social support network, have no jobs, and consequently a low income. The problem of homelessness is generally not related to the existing housing shortage. More and more attention is paid to trying to reintegrate the homeless into society: participating in social activities, having a (part-time) job or living on their own with institutionalized care or outreach. Housing associations and service providers cooperate in establishing schemes in which independent housing and care are integrated.

The national government's budget for service provision and shelters grew significantly during the last few years. Many decisions on service provisions are taken on the local or regional level. The main task of the national government in this field is providing funding. Also, at the national level developments in the social care sector are monitored, new policies proposed and innovative practices stimulated. A public debate on poverty, in which incomes are rising for most people while a permanent part (some 10%) of the population does not share in the prosperity, played a part lead to the decision to increase the budget. In this respect, it is also important to point to the aspect of people sleeping rough: probably not much more than 1,000 persons. Since public acceptance of this explicit visible problem has lessened, local governments pleaded for a higher budget and decided to increase the number of shelter beds.

The development of the 'National Strategy Plan for Social Relief' in the Netherlands:

In 2006 the four major cities of the Netherlands (Amsterdam, Rotterdam, Utrecht and The Hague, known as the 'G4') signed an agreement with the government on addressing homelessness in major cities. Under this agreement, the parties committed themselves to bringing homelessness to an end over a period of eight years.

Four years after the strategy was launched, 10,000 homeless people have been brought into provision in the G4. The number of facilities has been extended, especially for the most serious category of clients. The number of people placed in care for homeless people has dropped by 30% (whereas the number of people placed in care outside the G4 is rising). There are scarcely any homeless people sleeping rough anymore. In addition, harassment and petty crime caused by homeless people has been reduced by more than half.

The G4 and the central government are currently engaged in consultation on the second phase of the strategy. Four years ago, the driving force was the righteous indignation that people were sleeping rough without the necessary care. The wish now is to guarantee the results of the strategy and to prevent a new generation of homeless people from emerging. In addition, the G4 realise that it is inadmissible to have people ostracised from society to such an extent that they end up on the street. The ultimate purpose must be that scarcely anyone ends up on the street.

MEETING NOTE:

TOUR OF Villa Flora Office Block

WHO: Judith Baguley, Trade Commissioner, Canadian Embassy, Paul Beck, Director of Floriade

Villa Flora Building, City of Venlo, Netherlands

- The Villa Flora Building is an energy-neutral and carbon-neutral building.
- The building was designed by architect Jon Kristinsson.
- Including the design phase, the building was developed and built within 26 months, with a budget of 17.5 million Euro.
- The Villa Flora has variety of sustainable technologies and systems. These include using geothermal energy for heating, cooling and ventilation, using rainwater for on-site water needs, and capturing gas from sewage to be consumed as part of the heating system.

CONNECTIONS TO BC:

- Since 2007, Government has required that all new public sector buildings target LEED Gold certification.
- A 2011 amendment to the BC Building Code requires high water efficiency toilets in new residential construction, in addition to a new regulation allowing local governments to require new single family homes to be built “solar hot water ready.”
- For future Building Code updates, BC is considering harmonization with national proposals for increased energy efficiency for both large, complex buildings and housing/small buildings.
- Relevant statistics and examples of similar technology used in BC:
 - As of April 2011, there were 96 Leadership in Energy and Environmental Design (LEED) building projects in BC.
 - As of 2010, there were 188 Building Owner and Managers Association BEST certified buildings in British Columbia.
 - In Business in Vancouver’s “2008 Book of Lists”, 11 of the top 19 largest architectural firms in B.C., employing over 773 staff, with over \$63 million in architectural fees, listed themselves as sustainable or green service providers.
- BC Case Studies:
 - Harmony House opened in Burnaby BC in December 2011 by Canada

Mortgage and Housing Corporation. Harmony House is one of two EQUilibrium™ homes built in British Columbia.

- Dockside Green: a greenhouse gas neutral residential development located in Victoria, BC, which uses a biomass gasification system.
- UniverCity Child Care Centre, Simon Fraser University is the first day care worldwide to meet the Living Building Challenge. The facility will generate as much energy as it uses, recycle or collect as much water as it consumes, be free of toxic materials and obtain the majority of its materials within a 500 kilometre radius.

DESIRED OUTCOME:

- Advance additional knowledge and investment by Dutch industry and quasi-government groups into British Columbia's sustainable and green building sector.
- Enable British Columbia to maintain and enhance its profile as a leader in green building construction and promote broader (Canadian) interests as a willing and able trading partner and a safe, secure investment target.

THEIR POSSIBLE INTEREST:

- Opportunity to learn about investment and information/knowledge exchange opportunities for British Columbian projects.
- Exposure to elected Provincial government.

BACKGROUND:

- The Venlo region is one of the Netherlands' largest greenhouse horticulture areas, second only to the Westland area. The Venlo region has been designated as one of the Netherlands' Green spots.
- Venlo was the first region in the world to embrace the cradle-to-cradle philosophy, a concept for sustainability based on the reuse of raw buildings materials that are completely from recyclables and waste.
- Villa Flora Municipality has developed a 2020 policy framework, indicating that all new buildings will be energy neutral and current buildings will need to reduce energy consumption by 30%.

PREPARED BY:

Jean Yan
250-387-0265

REVIEWED AND APPROVED BY:

ADM: Les MacLaren
ADM Office: 250-952-0204
DM: Steve Carr, Deputy Minister

MEETING NOTE:

MEETING WITH ISSEANE Waste Treatment Centre operated by TIRU Group and SITA France

WHO:

ADDRESS AS:

ISSEANE Waste Treatment Centre, Issy-les-Moulineaux, France

- ISSEANE is a multi-stream waste treatment centre part of SYCTOM, the local authority for household waste treatment for Paris and its suburbs.
- The centre includes a 50,000 tonnes recycling centre linked to waste-to-energy (WTE) plant capable of processing 460,000 tonnes of waste.
- The WTE plant generates 200 tonnes/hour of steam, at 50 bars pressure and 400 degrees C and supplies district heating for 182,000 inhabitants in the Paris region.
- The plant has an electrical capacity of 50 MW and generated over 87,000 MWh of electricity in 2011.
- The plant is widely known for its innovative design, as it has been built partially underground and the chimney has been designed in such a way that no large stack is visible on the Paris skyline.
- In 2006 SYCTOM awarded a consortium held by TIRU Group (60%) and SITA France (40%) the contract to operate the ISSEANE facility. The 13-year operating contract is estimated to be €250 million (C\$310 million).

CONNECTIONS TO BC:

- In British Columbia, electricity generated from municipal organic waste used to fuel a WTE facility is considered to be clean or renewable.
- As of April 2012, BC Hydro purchases electricity from 74 clean energy projects: one municipal solid waste project, one energy recovery project, nine biomass projects, and four biogas (landfill gas) projects, along with two wind power projects and numerous hydropower projects.
- BC Hydro has an additional 52 electricity purchase agreements in place for projects that are in development, including: a municipal solid waste project, an energy recovery project, eight biomass projects, and two biogas projects.
- Local governments across British Columbia are considering WTE facilities as a more sustainable alternative to landfills. A major WTE contract is anticipated for Metro Vancouver's solid waste.

DESIRED OUTCOME:

- Advance additional knowledge and investment by French industry and quasi-government groups into British Columbia's and Canada's clean, renewable (WTE) sector.
- Enable British Columbia to maintain and enhance its profile as a leader in clean, renewable energy production and promote broader (Canadian) interests as a willing and able trading partner and a safe, secure investment target.

THEIR POSSIBLE INTEREST:

- Opportunity to learn about investment and information/knowledge exchange opportunities for British Columbian projects.
- Exposure to elected Provincial government.

BACKGROUND:

- SYCTOM currently holds eight facilities that treat and recover the waste of 5.7 million people in 84 member municipalities in greater Paris.
- The TIRU Group (51% held by EDF Group) is one of the leading operators in waste processing in Europe. Backed by experience gained in the market since 1922, the TIRU Group designs, builds and operates waste treatment facilities in France, the United Kingdom, Spain and Canada.
- SITA in France, a subsidiary of SUEZ Environment, has a workforce of more than 18,400 people serving 3,000 local authorities and 55,000 industrial and commercial customers. Its activities cover every type of waste stream, including collection, sorting, the recovery and treatment of non-hazardous and hazardous waste (except for nuclear waste), solid and liquid waste, as well as industrial maintenance and wastewater services.
- EDF Group, one of the three largest energy companies in Europe, holds 51% of TIRU Group. EDF Group's activities include generation, trading, transmission, distribution, supply and other energy services. It has over 38 million customers in Europe, with over 28 million of these in France. It has key business interests in Germany and Italy as well as France and the UK. EDF was founded in 1946. EDF became a public limited company (EDF SA) on November 19, 2004.

PREPARED BY:

Scott Cutler
250-952-0887

REVIEWED AND APPROVED BY:

ADM: Les MacLaren
ADM Office: 250-952-0204
DM: Steve Carr, Deputy Minister

MEETING NOTE:

MEETING WITH CEO and President of EDF Energies Nouvelles

WHO: Mr. Antoine Cahuzac

EDF Energies Nouvelles, Paris, France

- Mr. Antoine Cahuzac is the President and CEO of EDF Energies Nouvelles (EDF EN).
- EDF EN develops, installs and operates renewable electricity power plants in Europe and North America. The company primarily develops wind energy and solar photovoltaics but is also involved in the biogas, biomass, biofuels, and marine energy sectors. EDF EN is a subsidiary of EDF Group.
- As of December 2011, EDF EN has a gross installed capacity of over 4,100 MW and over 1,700 MW in additional gross capacity under construction.
- EDF EN is active in renewable energy development worldwide having dedicated subsidiaries in France, Portugal, Spain, Italy, Turkey, Bulgaria, the United Kingdom, Greece, Mexico, the United States and Canada. 65% of their installed capacity is located in Europe with the remainder located in North America.
- EDF EN Canada was incorporated in 2008 and has focused on solar and wind energy development with installations located in Ontario and Quebec. Currently, EDF EN Canada has an installed solar capacity of 72 MW. Hydro Quebec has contracted EDF EN Canada to build several wind projects that will exceed 1,000 MW once fully built-out. All projects are expected to be completed by 2015.
- EDF EN does not have any projects completed nor pending in British Columbia.

CONNECTIONS TO BC:

- The Clean Energy Act sets out 16 Provincial Energy Objectives that support renewable energy development in British Columbia. These objectives include: achieving electricity self sufficiency and ensuring that at least 93 percent of the electricity generated in British Columbia is from clean or renewable resources.
- As of April 2012, BC Hydro purchases electricity from 74 clean energy projects: one municipal solid waste project, one energy recovery project, nine biomass projects, and four biogas (landfill gas) projects, along with two wind power projects and numerous hydropower projects.

- BC Hydro has an additional 52 electricity purchase agreements in place for projects that are in development, including: six wind energy projects, a municipal solid waste project, an energy recovery project, eight biomass projects, and two biogas projects.
- British Columbia is currently working with companies interested in building Liquefied Natural Gas plants near Prince Rupert and Kitimat. As part of Government's approach to working with LNG companies, electricity is the preferred approach to liquefying natural gas for export. High-efficiency natural gas generators are likely to supply the majority of LNG electricity needs. However, there may be opportunities for renewable energy developers to supply additional electricity in addition to natural gas generation.

DESIRED OUTCOME:

- Advance additional knowledge and investment by French industry and quasi-government groups into British Columbia's and Canada's clean energy sector.
- Enable British Columbia to maintain and enhance its profile as a leader in clean, renewable energy production.

THEIR POSSIBLE INTEREST:

- Opportunity to learn about investment and information/knowledge exchange opportunities for British Columbian projects.
- Exposure to elected Provincial government.

ADDITIONAL: BACKGROUND:

- EDF Group, one of the three largest energy companies in Europe, and is the parent company of EDF EN. EDF Group's activities include generation, trading, transmission, distribution, supply and other energy services. It has over 38 million customers in Europe, with over 28 million of these in France. It has key business interests in Germany and Italy as well as France and the UK. EDF was founded in 1946. EDF became a public limited company (EDF SA) on November 19, 2004.

PREPARED BY:

Scott Cutler
250-952-0887

REVIEWED AND APPROVED BY:

ADM: Les MacLaren
ADM Office: 250-952-0204
DM: Steve Carr, Deputy Minister

Speaking Notes

**Hon. Rich Coleman
Minister of Energy and Mines and
Minister Responsible for Housing**

Pan-Canadian Mining Day

**Canada House
Trafalgar Square
London, UK**

**July 30, 2012
2:10 p.m.**

Speaking Engagement: What is it?

- Pan-Canadian Mining Day celebration during the 2012 Olympic Summer Games in London, UK
- Canada and the provinces of British Columbia, Ontario and Quebec are having a Canadian mining industry event and reception

Audience: Who will be there?

- Mining industry leaders and representatives
- Canadian Consulate Staff
- Other officials
- Approx 60 guests
- Local (UK) and International media (possibly)

Event Details:

- 20 minute speech at approximately 2:10 p.m.
- Speakers are asked to arrive by 1:30 p.m.
- TBC will M/C the event and introduce the Minister.
- Q&A will take place for 10 minutes after speaking.

Program

14:00 – 14:10	Introduction – Brian Parrott, Senior Trade Commissioner, High Commission of Canada
14:10 – 14:55	British Columbia: Opportunities to Explore Honourable Rich Coleman, Minister of Energy and Mines, Government of British Columbia
14:55 – 15:40	Mineral Exploration and Development in Ontario Michael Stewart, Counsellor, Commercial, Ontario International Marketing Centre
15:40 – 16:00	Break for networking
16:00 – 18:00	Québec: The Plan Nord Québec Government Representative Dr. Matthew Coon Come, Grand Chief of the Grand Council of the Crees (Eeyou Istchee) Ghislain Poirier, Vice-President, Public Affairs, Stornoway Diamond Corporation
18.00 – 20:00	Reception, featuring Julie Payette, Canadian Astronaut, introduced by Gordon Campbell, Canadian High Commissioner

- **Premier**

Introduction to Mining

- Canada has some of the best mining products in the world and B.C. plays a large role towards that
- B.C. government is committed to supporting the growth of the mineral exploration and mining sector

- Mineral exploration and mining industry are important economic drivers in B.C.
- Currently have 19 operating major mines – 9 metal and 10 coal
- In 2011 the production value of the mining industry rose by 20 per cent over the previous year to \$8.6 billion.

- In May PricewaterhouseCoopers reported a 25 per cent increase in gross mining revenues, up \$2 billion to \$9.9 billion in 2011 from \$7.9 billion in 2010

Mining – Jobs Plan

- In 2011, 29,000 people were employed in mineral exploration, mining and related sectors mostly in rural B.C.
- More than 15,000 job openings are expected in mineral exploration and mining sector by 2020

- Plan commits at least eight new mines will open and nine will be expanded by 2015.
- Seeing success towards the goals in the plan
- One new mine recently began production, two are under construction and two more have been permitted with construction expected to start this year

- The Province has approved 5 major expansions of existing mines

Mining - Numbers

- B.C.'s exports of base metals worldwide have increased
- Export of mineral products to countries like China and India are on the rise...

- Mining revenues to government in 2011 were a record \$805 million – up \$114 million from 2010 levels

Mining - Foreign Investment

- Premier recently returned from second Jobs and Trade Mission to Asia – this time to Japan, Korea and the Philippines

- Trade Missions focus on strengthening relationships, opening doors and setting stage for opportunities
- During the stop in Japan, our mining sector had a couple significant announcements
- JX Nippon and Xstrata Coal announced a \$35 million pre-feasibility study of the Suska Coal Project, located in northern B.C.

- Sumitomo Metal Mining Co. and Imperial Metals Corporation revealed a three-year extension of an existing copper concentrate agreement between the two companies worth \$150 million

Mining – Skilled Workforce:

- B.C. has world's largest concentration of professional geoscientists and over 850 mineral exploration and development companies

- As exploration increases, we need more workers for high-paying jobs in mining
- Government is responding to training needs by delivering over \$520 million in labour-market programming to support development of skills needed
- Provided the Association for Mineral Exploration British Columbia (AME BC), the Mining Association of British Columbia, the Aggregate Producers

Association of British Columbia and industry partners with \$1 million to develop and implement human resource strategies to meet the increasing demand for skilled labour

- This funding will help ensure that B.C. has the human resources needed to support growth and sustainability of mining

Mining – Transportation Gateway:

- Important that B.C. mining companies are first in line to deliver product to the growing markets in Asia
- B.C. is Canada's Pacific Gateway to Asia
- \$22 billion already committed, our Pacific Gateway Transportation Strategy 2012-2020 targets another \$25 billion in total investment by 2020.

Mining – BC is Open for Business

- Our government is making it more efficient to do business in B.C.
- In 2012 the Province will revise regulations to exempt low-risk exploration and mining activities from requiring Mines Act permits
- The Province and the federal government are working to develop a single, effective environmental assessment process while maintaining the highest standards

- Strategic Agreements with B.C. First Nations will be negotiated to establish response times, shared understanding of decision making and effective engagement for projects
- As the first province in Canada to share mineral tax revenues for new or expanded mines with First Nations, discussion of revenue sharing will commence early in the development of new mines and major expansions

- Our government will work with the Aboriginal Business and Investment Council to facilitate partnerships between the Province, First Nations, and the mineral exploration and mining industry
- B.C. has royalty programs and tax incentives including a federal-provincial corporate tax of 25 per cent, the lowest of the G7 countries

Conclusion

- Number of good reasons why B.C. is a safe, secure place to invest:
 - Triple A credit rating proves that BC is a safe harbour for foreign investment
 - B.C. is Canada's gateway to the Pacific and is strategically located to reach growing global markets
 - Offer attractive tax rates and programs
 - Excellent geological databases, consistently rated among the best in the world
 - BC mining industry is recognized as a world leader in environmental protection

- BC Jobs Plan is a clear commitment to the mining sector

- Mining helped build this province and will be building our future

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