

# China – Scandinavia Bioenergy Mission

# Duration: 03<sup>rd</sup> April – 12<sup>th</sup> April

The aim of the biomass mission is to understand the successful development of biomass to energy in Scandinavia (Sweden, Finland and Denmark). China has ambitious plans for the increasing the utilization of biomass to energy. The knowledge on best practices in terms of efficient biomass conversion in combined heat and power plants (CHP), logistics of forestry harvesting and transport, case studies of utilizing agricultural residues (e.g. straw) to energy are important for the delegation to understand from Scandinavia.

#### List of Participants

- 1. Hong Hao (Kelvin Hong), Chairman of Great Resources New Energy.
- 2. Gao Wei (Derrick), Assistant of Foreign Affairs, Great Resources New Energy.
- 3. Lin Shiming, General Manager of Yanbian Branch of Great Resources New Energy.
- 4. Zhi Jianmin, Consultant of Great Resources New Energy.
- 5. Wang Biao, President of Beijing Aoke Ruifeng New Energy.
- 6. Zhao Yongfang, Chairman, China Northern Energy Science & Technology Co., Ltd

#### For Information on Logistics

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- Gao Wei (Derrick), Great Resources, +136 1071 2196 rainyday20@163.com



Date	Time	Activity	Organizer	Location
03/04/2018		Arrival in Stockholm (Check In)		-
04/04/2018	08.30 - 12.00	Seminar: Bioenergy in Sweden	WBA	Kammakargatan 22, Stockholm
	14.00 - 15.30	Study Meeting: Fortum	Fortum ( <u>Link</u> )	Jägmästargatan 2, Stockholm
05/04/2018	09.00 - 18.00	Study Visit: Bioendev	Bioendev ( <u>Link</u> )	Korsvägen 1, Umea
06/04/2018	10.00 - 11.00	Study Visit: Ena Kraft CHP	ENA Kraft, <u>Link</u>	Kaptensgatan 22, Enkoping
	11.10 - 12.00	Study Visit: Salix Plantations	Nynasgard ( <u>Link</u> )	Nynäs Gård 749 48, Enkoping
	14.00 - 16.00	Study Visit: Mantex AB	Mantex ( <u>Link</u> )	Torshamnsgatan 30, Kista
	16.20 - 18.00	Norr Energi	Norr Energi (Link)	Solna strandväg 96, Stockholm
07/04/2018		Day Off – Sightseeing		-
(Saturday)		Depart Stockholm		
08/04/2018		Arrive Helsinki		-
(Sunday)		Day Off - Sightseeing		
09/04/2018	09.30 - 12.00	Seminar: Bioenergy in Finland	Bioenergia ( <u>Link</u> )	Kaisaniemenkatu 4 A, Helsinki
	13.00 - 15.00	Study Meeting: Helsinki Energy	Helsinki Energy ( <u>Link)</u>	Kampinkuja 2, Helsinki
10/04/2018	13.00 - 15.00	Study Visit: Valmet	Espoo: Valmet ( <u>Link</u> )	Keilasatama 5, Espoo
	19.00 –	Depart Helsinki		-
		Arrive Copenhagen		
11/04/2018	09.00 - 12.00	Seminar: Bioenergy in Denmark	DI Bioenergy/State of Green ( <u>Link</u> )	Vesterbrogade 1E, Copenhagen



	14.00 - 18.00	Study Visit: Linka Energy	Linka Energy (Link)	Tåstrupvej 11, Holbæk
12/04/2018	09.00 - 11.00	Study Visit: Henriksson Salix AB	Skurup: Henriksson Salix ( <u>Link</u> )	Maskingatan 1, Skurup
	14.00 - 16.00	Alcon	Alcon ( <u>Link</u> )	Teestrupvej 18, 4690 Haslev
		Depart Copenhagen to China		

#### **Great Resources:**

1. Hong Hao, Chairman.

- 2. Gao Wei, Assistant of Foreign Affairs.
- 3. Lin Shiming, General Manager of Yanbian Branch of Great Resources.

## 4. Zhi Jianmin, General Consultant.

Great Resources was founded in 2006, with its business range covers from biofuel production, installation of technology for generating heat and steam for industrial use by using biofuel as raw materials; manufacture of biomass boiler which is environment friendly and efficient; biomass heating to residential area; operation and running of CHP plant. Great Resources is a supplier of all-round services in utilization of bioenergy.

### 5. Wang Biao, General Manager of Aoke Ruifeng New Energy.

Aoke Ruifeng is a nationally recognized company who possess high technology and is a leader in biofuel production. Thanks to a competent team of researchers, Aoke Ruifeng owns 6 invention patents and 23 innovative patents. The business of Aoke Ruifeng ranges from collection of raw materials, production of biofuel, and manufacture of biomass boiler.

# 6. Zhao Yongfang, Chairman of Beijing Zhongneng Northern Energy Science & Technology.

Zhongneng Northern Energy Science & Technology was founded in 2007. Its business range covers from investment in heat supply in urban area. It offers solution to heat demand by supplying clean energy and construction of complementary energy network. It offers solution to lower the nitrogen emission of boiler. Research, consultant. Overall design of heat supply engineering, management of engineering construction and operation. By the end of 2017, the total investment is up to 820 million ¥, the total heating area exceed 22 million m<sup>2</sup>.