

**GMI & Siemens Launches Hong Kong's First 7-meter Range Extended Electric Light Bus
With Mr. John Tsang, GMB, JP, Financial Secretary As Officiating Guest
First 12 Running By Three Major Light Bus Operators By October**

(30 September 2013 – Hong Kong) Established in 2010, Green Mobility Innovations Limited (GMI) has been fully committed to protecting the environment by developing and producing locally green vehicles through its research and development center. In order to further promote green transportation development in Hong Kong, GMI launched the first Gemini Range Extended Electric Light Bus in Hong Kong. Incorporating the ELFA® traction drive system by Siemens, and an on-board generator, the Gemini Range Extended Electric Light Bus could be recharged en route.

GMI held a kickoff ceremony at the Gemini Range Extended Electric Light Bus Press Conference at its office in Tuen Mun today. Mr. John Tsang Chung-wah, GBM, JP, Financial Secretary, Mr. H.S Chong, Chairman of Chungnam Corporations Limited, Dr. C.P. Lo, Managing Director of Green Mobility Innovations Limited, Mr. Eric Chong, President & CEO of Siemens Limited, together with the representatives from the three light bus operators: Mr. Chan Man Chun, Executive Director of AMS Public Transport Holding Limited, Mr. Terence Tse, Managing Director of Chit Fai Motors Company Limited and Dr. Ma Ah Muk, Yan Yan Motors Limited were invited to be the officiating guests at the ceremony to witness the official launch of Gemini.

Dr. C.P. Lo, Managing Director of GMI said "The Gemini light bus is integrated with Siemens advanced ELFA® traction drive system and powered entirely by electricity. It is charged en route with an on-board generator. When the stored electricity drops below a certain level, the electricity-generating devices will be on-set to recharge, hence eliminating corresponding recharging downtime. As such it effectively improves fuel efficiency by more than 50% compared to conventional diesel buses and thus reduces up to 160,000 tonnes of greenhouse gas (GHG) emission per year if 4,350 conventional diesel buses will be replaced. If the market response proves positive, GMI will apply similar technologies to other transportation media such as 50-seater coach bus or single-decker bus to further expedite the implementation of green transportation and to improve Hong Kong's roadside air quality."

Mr. Eric Chong, CEO & President of Siemens Limited said, "we are honored to be part of this exciting project, to develop this Hong Kong's first 7m Range Extended Electric Light Bus. Light buses play an important role in Hong Kong's public transport infrastructure and this Electric Light Bus will help make it a greener means of transport. Siemens is a global leader in green technologies which contributes to approximately 40% of our revenues globally. The ELFA® drive system which makes the heart of this Electric Light Bus is in use in many places in the world including Europe, America, India, China and Japan with more than one million km in

revenue service. We are delighted that, together with our strategic partner, GMI, we have been able to introduce this technology to Hong Kong.”

First 12 Running By Three Major Light Bus Operators By October

First 12 Gemini will join the fleet of the three major light bus operators by October, and will be deployed to routes covering the Hong Kong Island, Kowloon and New Territories by year end. Three light bus operators including Mr. Chan Man Chun, Executive Director of AMS Public Transport Holding Limited, Mr. Terence Tse, Managing Director of Chit Fai Motors Company Limited and Dr. Ma Ah Muk, Yan Yan Motors Limited shared at the press conference that the Gemini Range Extended Electric Light Bus could be recharged en route with an on-board generator, thus eliminating technical needs of recharging infrastructures and the corresponding recharging downtime. The Gemini Light Bus also recycles the tremendous regenerative energy during braking and deceleration, a technology that works best in commercial vehicles with frequently start-stops in short distances, a perfect solution for meeting the operational needs of public light buses.

About Green Mobility Innovations Limited (GMI)

Green Mobility Innovations Limited (GMI) is a Hong Kong-based technology firm established in 2010, which is committed to the implementation of green transportation in Hong Kong. GMI is a subsidiary of CN Innovations under the Chung Nam Group of Companies.

As the leading green company in manufacturing electric vehicles, GMI has always been committed to protecting the environment through its technology-driven innovations, ultimately improving Hong Kong's air quality by expediting the implementation of green vehicles and improving Hong Kong's roadside air quality. Having its own independent R&D center in its 16,000 sq feet manufacturing hub in Tuen Mun, GMI's core scope of business include the designing, developing, manufacturing and supply of battery electric commercial vehicles to domestic or overseas market. Currently, its product range is from full electric scooters to 16-seater light buses in the market. GMI also develops the peripheral components and accessories for electric commercial vehicles including motor and control system, charger and battery management system, providing a one-stop service and wide range of green transportation products.

GMI expects to expand its R&D center in the near future to improve worldwide sustainable development by exploiting advanced electric drive technologies to expedite the implementation of environmentally healthy vehicles. At the same time, GMI endeavors to provide more local training and job opportunities in order to help improving the problem of human resources allocation problem, and to build a sustainable future for the younger generations.

<http://www.gmi-hk.com>

About Siemens Ltd. Hong Kong

Siemens AG, founded in 1847, is a global leader in electronics and electrical engineering, operating in four business areas: Industry, Energy, Healthcare, Infrastructure and Cities. The company is the world's largest provider of environmental technologies. More than 40% (or €33 billion) of its total revenue stems from green products and solutions. For more than 100 years since its entering into Hong Kong and Macau in 1911, Siemens has pioneered the cooperation with the cities with its solutions, technologies and products, and has been known for its quality and reliability, technological excellence and innovation.

Siemens has been providing integrated solutions for many major projects in Hong Kong and Macau, such as Hong Kong International Airport, extensive railway upgrades in Hong Kong, City of Dreams, Macau International Airport, as well as countless government and commercial buildings. Siemens' innovative technologies help creating a sustainable future for cities and we also take responsibility in the communities. Since 2003, the company has been awarded the Caring Company Logo by the Hong Kong Council of Social Services.

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Gemini Range Extended Electric Light Bus Specifications

Dimension (mm)	6990 (Length) x 2040 (Width) x 2928 (Height)
Car Type	16-seated Light Bus
Seating Capacity	16 (Excluding Driver)
Maximum Speed	80 kph
Gradeability	27%
Operation Mechanism	Gemini incorporates the ELFA® traction drive system by Siemens and battery by Valence from USA. Powered entirely by electricity, which is generated by the on-board generator and can be recharged en route
Charging Methods	With an on-board generator which can be recharged en route, eliminating the corresponding recharging downtime
Recharging Time (if applicable)	With an on-board generator. When the stored energy drops below a certain level, the electricity-generating devices will be on-set to recharge
Fuel Consumption	Reduces as much as 50% compared to conventional diesel bus
Roadside Emission	Carbon emission exceeds Euro V level, can reduce up to 70% GHG emission

新聞稿
即時發布

GMI 及西門子推出全港首部 7 米增程式電動小巴 財政司司長曾俊華親臨現場擔任主禮嘉賓及見證 三大營運商預訂 12 部 將於十月投入服務

(2013 年 9 月 30 日 - 香港) 一向以保護環境為己任的 Green Mobility Innovations Ltd (GMI) ，於 2010 年成立，擁有獨立的研發部門，於本港自設廠房研製及生產綠色能源 (商用) 汽車。為了進一步推動本港綠色運輸事業，GMI 最近更推出全新 Gemini 增程式電動小巴，採用西門子的 ELFA®電驅動系統，內置發電裝置，可車載充電，為全港首部 7 米增程式電動小巴。

為了隆重其事，GMI 今天於屯門廠房舉辦 Gemini 增程式電動小巴啟動禮，財政司司長曾俊華先生 GBM, JP、中南創發有限公司董事總經理莊學熹先生、GMI 董事總經理盧熾培博士、西門子有限公司行政總裁鍾漢明先生，以及三大小巴營運商進智公共交通控股公司執行董事陳文俊先生、捷輝汽車有限公司執行董事謝健良先生及人人汽車有限公司馬亞木博士更親臨現場擔任主禮嘉賓，一同見證全港首部 7 米增程式電動小巴於十月開始加入三大小巴營運商的車隊，預計於年底前於港九新界各區投入服務。

GMI 董事總經理盧熾培博士稱：「Gemini 採用了西門子 ELFA®電驅動系統，內置發電裝置，可車載充電，每當電量下降至一定水平時，發電裝置即馬上啟動進行充電，無需以柴油驅動行車，故此較傳統的柴油小巴節省 50%的耗油量；如將現時 4,350 部公共小巴悉數更換，每年更可減省逾 16 萬噸的溫室氣體排放。若市場反應理想，GMI 往後會將有關技術應用於其他大型交通工具上，如 50 座的旅遊巴、單層巴士等，從而加快綠色運輸的普及，全面減低本港的路邊空氣污染。」

西門子有限公司行政總裁鍾漢明先生表示：「我們很榮幸可以參與是次項目，經過兩來多的努力，終於成功將這個技術帶來香港，推出全港首部 7 米增程式電動小巴，我們相信這個增程式小巴會令未來的交通設施及城市更環保。西門子作為全球環保技術的領導者，綠色產品和解決方案佔我們的總營收超過 40%。GEMINI 的核心技術 — ELFA®電驅動系統，在全球多個地區包括歐洲、美洲、印度、中國、日本等地應用，行駛超過百萬公里。很多謝 GMI 選擇我們作為合作伙伴，更多謝香港政府對我們的支持及鼓勵，讓我們可以為本港引進創新的環保技術，對香港的可持續發展做出貢獻。」

三大小巴營運商預訂 12 部 Gemini 小巴十月投入服務

Gemini 增程式小巴將於十月開始加入三大小巴營運商車隊，首批共 12 部會被安排在年底前於香港島、九龍及新界不同路線行走。於典禮上，三大小巴營運商進智公共交通控股公司執行董事陳文俊先生、捷輝汽車有限公司執行董事謝健良先生及人人汽車有限公司馬亞木博士表示，Gemini 小巴內置發電裝置，可一邊行車，一邊自行充電，真正解決現時一般電動車需長時間充電及依賴充電設施的技術問題。他續指，Gemini 另一優點

是可將減速時的動力回收及轉化成能量儲存，循環再用，不單適合短距離停車開車的操作模式，更加能夠貼合公共小巴營運的實際需求。

關於 Green Mobility Innovations (GMI)

Green Mobility Innovations Ltd (GMI) 成立於 2010 年，為本地科研公司，致力推動本港的綠色運輸事業，為中南創發的分公司，其控股公司為中南集團。

GMI 一直以保護環境為己任，致力研發創新的技術，驅動環保綠化理念，加促綠色能源汽車的普及，舒緩日益嚴重的空氣污染問題，長遠改善全球的空氣質素。GMI 擁有獨立的研發部門，於屯門自設 16,000 呎廠房研製及生產綠色運輸工具，業務範圍包括設計、研發、生產及提供綠色能源(商用)汽車予本地及海外市場，已推出市場的產品包括：全電動摩托車、16 座增程式電動小巴等。此外，GMI 亦研發馬達、動力系統、汽車充電器及電力管理系統等運輸工具的周邊產品，提供多元化的產品及一站式的服務。

GMI 期望在不久的將來可在本地擴建廠房，擴充現時的生產線，可大型生產及研發綠色能源商用車輛，滿足本地及海外市場的需求，獲得國際的認許。與此同時，作為一家負責任的企業，GMI 亦致力提供更多的本地培訓和就業機會，協助政府改善現時的人力資源分配問題，為現在及下一代締造一個切實可持續發展的將來。
<http://www.gmi-hk.com>

關於香港西門子有限公司

創立於 1847 年，西門子股份公司是全球電子電氣工程領域的領先企業。其主要業務集中在工業、能源、醫療、基礎設施與城市四個業務領域。西門子是世界上最大的環保技術供應商。其綠色產品和解決方案創造了 330 億歐元的營收，佔公司總營超過 40%。西門子自從 1911 年踏足香港和澳門，100 多年來以創新的技術、卓越的解決方案和產品，堅持不懈地對兩地的發展全面支持，並以出眾的品質和令人信賴的的可靠性、領先的技術成就、不懈的創新追求，確立了在港澳市場的領先地位。

多年來西門子一直參與兩地的重要項目，如香港國際機場、港鐵的鐵路網絡擴展工程、澳門新濠天地、澳門國際機場，以及無數的政府及商業大廈等等，為其提供綜合解決方案。西門子一向秉承企業公民的理念，除致力以其嶄新技術為城市的可持續發展作出貢獻，亦協助建設本地社區。自 2003 年起，西門子便一直被香港社會服務聯會嘉許為「商界展關懷」企業之一。
<http://www.siemens.com.hk>

此新聞稿由創意推廣有限公司為 **Green Mobility Innovations Ltd (GMI)**代發。

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Gemini 增程式電動小巴資料

車身數據 (毫米)	6990 (長) x 2040 (闊) x 2928 (高)
車型	16 座層小巴
最高可乘載人數	16 (不連司機)
最高車速	80 公里以上 / 小時
最大爬坡度	27%
運作原理	Gemini 採用了西門子 ELFA®電驅動系統及美國 Valence 電池，內置發電裝置，可車載充電
充電方法	內置發電裝置，可車載充電，無需預先長時間充電即可行駛
中途充電時間 (如適用)	內置發電裝置，每當電量下降至指定水平時，發電裝置即馬上啟動進行充電
耗油量	較傳統的柴油小巴節省五成的柴油
路面排放	碳排放量更勝歐盟五期標準，可減低七成以上的溫室氣體排放