

GRADUATES WELFARE ASSOCIATION, FAZILKA (GWAF) ®*For the cause of Education, Employment, Energy and Environment***1, Sardar Thakar Singh House, Gowshalla Road****Fazilka – 152123**Email: contact@lovefazilka.org<http://www.lovefazilk.org>**Dr. Bhupinder Singh**

Patron

Advocate Umesh Kukkar

President

Date: May 2, 2011

To,

Principal Secretary (Tourism)

Plot No 3, Sector 38 A,

Chandigarh (U.T.)

Subject: Progress Report on Ecocab Operations in Punjab**Kind Attn:** Ms. Geetika Kalha, IAS

Respected Madam,

This is with reference to your office memo number 1TC/700-703 dated 6th April 2011 regarding the subject matter. Please find enclosed herewith the detailed progress report on various activities undertaken by us regarding Ecocab Implementation and operations in Punjab, for your kind information and perusal.

Sincerely Yours,

**Navdeep Asija**

Secretary (Admin)

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District Wise-Progress Report

1. LUDHIANA DISTRICT

In an estimate it has been found that there are about 40,000 rickshaws are being operational within the municipality limits of Ludhiana urban complex. On the same issue, meeting was called by Mr Pradeep Aggarwal, Additional Deputy Commissioner (Development) Ludhiana at Mini Secretariats Ludhiana on 9th April 2011. Presentation was made on the implementation of Ludhiana Ecocabs. Copy of the presentation made to ADC (Development), Ludhiana is attached with this letter. (Annexure A). ADC (Development) assured that after further examining various possibilities and ground realities, Ludhiana specific model of Ecocabs shall be implemented. For the smooth operations of ecocabs, role of municipal authorities, advertising companies, educational institutes, rickshaw manufacturing industry, resident welfare associations and NGO's shall also be considered.

Contact Details

Mr Pradeep Aggarwal, ADC (Development), Ludhiana | | Mobile: +91.9463837820 | | Email: pradeep239@gmail.com

2. FEROPUR DISTRICT

FAZILKA: Chief Secretary Punjab along with Deputy Commissioner Ferozpur Inaugurated next generation model of Ecocabs

Replacement of the existing old fleet of traditional rickshaw with the new one is becoming a problem. Survey revealed that traction men are ready to replace but certain provisions like "buy back facility of an old rickshaw" or modifying the old with new one are desirable. Keeping this into mind, a new generation model of "Fazilka Ecocab" was launched by Chief Secretary Punjab Mr S.C. Aggarwal along with Deputy Commissioner Ferozpur at Fazilka during his one day visit to Fazilka on 15th April 2011. The new model has been named it as "Fazilka Femto¹". Special feature of Fazilka Femto is that with an investment of about 3000/- rupees an old rickshaw can be converted into lightweight Ecocab. Femto is a first product of "Ecocab R & D Centre" being established by Dr Bhupinder Singh, Patron, and Graduates Welfare Association Fazilka. [Reference: <http://www.indiabordernews.com/?p=1117>]

GWAF has a plan to introduce 25 new ecocabs along with new mobile connections before 20th June 2011. On 20th June 2009, world's first dial-a-rickshaw Ecocab scheme was launched in Fazilka and 3rd Anniversary of the same shall be celebrated at Fazilka. Overall in Fazilka Ecocab scheme is running successfully, tenders for the two new Ecocab stands are being floated and work is yet to be started. Registration of All rickshaw operators is in progress. An eye checking medical camp is also scheduled. At present 8 leading private doctors, 5 advocates, 2 pathology laboratories, 3 medical store and 3 computer centers are giving their free and discounted services to Fazilka Ecocab operators.

Contact Details

¹ Femto is the new model in the Fazilka Ecocab series having suspension system and it comes with small arrangement of new chassis which can be fitted with old as well on new Rickshaw to make it lightweight, comfortable, durable and low floor.

- Mr Kamal Kishor Yadav, IAS, D.C. Ferozpur || Mobile: +91.9417628006 || Email: kamalyadavias@gmail.com
- Dr Bhupinder Singh, Patron GWAF and Retired Professor from Department of Mechanical Engineering, IIT Roorkee || Contact No. : +91.7500219086 || Email: bhup_inder@yahoo.com



Figure 1 : Chief Secretary Punjab Mr S.C Aggarwal along with D.C. Ferozpur Mr Kamal Kishor Yadav, inaugurating Fazilka Femto on 15th April 2011

पिछले 60 वर्षों से आपकी सेवा में समर्पित

एक शहर हमारे सपनों का
एक शहर हमारे अपनों का

फाजिल्का रिक्शा यूनियन

ग्रेजुएटस वैल्फेयर ऐसोसिएशन फाजिल्का (GWAF)

दुनिया की सबसे पहली
Dial-A-Rickshaw सेवा

के सहयोग से

अब नये रूप में

FAZILKA ECOCABS

अतिथि देवो भवः

अतिथि देवो भवः

हम प्रतिदिन 900 लीटर ईंधन अथवा 14000 किलोग्राम शुद्ध वायु की बचत करके फाजिल्का के वातावरण को प्रदूषण रहित बनाकर आने वाले ग्लोबल वार्मिंग के खतरे से बचाने का प्रयास कर रहे हैं। आइये हमारे इस प्रयास में आप भी भागीदार बनें।

हमारे सहयोगी डाक्टरः	हमारे सहयोगी वकीलः	हमारे सहयोगी मेडीकल स्टोर एवं लैबः
डा. यशपाल जरसी	श्री जयपाल सिंह शंभू	चुघ मेडीसन
डा. विजय सचदेवा	श्री उमेश कुक्कड़	विनोद मेडीकोज
डा. रमेश भुप्ता	श्री मनोज त्रिपाठी	भारत मेडीकल हाल
डा. नवदीप जसूजा	श्री देवराज शर्मा	हमारे सूचना तकनीक सहयोगीः
डा. विवेक करीर	श्री राजेश कसरीजा	साईबर बज, गीता सोफटेक
		पलपरिक्स, रिक्मतैक

www.ecocabs.org

Figure 2 : Fazilka Ecocab Publicity Hoarding Sample

3. JALANDHAR DISTRICT

Discussion with ADC (Development), Jalandhar regarding the implementation of Ecocabs in the Jalandhar district

On 26th April 2011, a detailed discussion was held with ADC (Development) Jalandhar, Ms. Sarojini Gautam and the soft copy of Amritsar Ecocab Detailed Project Report and Ludhiana Presentation were set to them via Email. She informed that already one scheme by the government is in place in Ludhiana under which cycle rickshaws are given to the people living below poverty line. She desired to distribute the ecocabs under same scheme. After studying the reports and completing some basic studies related to rickshaw operations in Jalandhar, She will inform if further help needed.

Contact Details

Ms Sarojini Gautam, ADC (Development), Jalandhar || Mobile: +91.9814200542 | |Email: sarojinigautam@gmail.com

4. STATEWIDE ECO CAB OPERATIONS : PUNJAB TOURISM

On 29th April 2011 at Chandigarh meeting was held with Mr Churchill Kumar, IFS, Nodal Officer, Ecocab with Punjab Heritage and Tourism Promotion Board

Detailed discussion with Mr Churchill Kumar was held in their office at Sector 38, Chandigarh. He was informed about the progress and development of Punjab Ecocab project. Policy level issues like amendments required in existing The Punjab Cycle Rickshaw Act 1976 and further emphasis on capacity building exercise for the promotion, operation and maintenance of Ecocabs for the state were discussed. Associating with telecom partner at department level has also been discussed.

Contact Details.

Mr Charchil Kumar, Nodal Officer for Ecocabs, Punjab Heritage and Tourism Development Board || Mobile: +91.9914930052 | |Email: chakc233@yahoo.com

5. DISTRICT SANGRUR: for MALERKOTLA and SANGRUR City

On 1st May 2011, meeting was held with Mr Kamal Anand; founder “People for Transparency” from Sangrur. In the recent past they have undertaken many social activities in the Sangrur region especially related to road safety and drink n drive campaign. Through Panchayat Raj Act, they initiated to process of removing liquor shops from the village. They are personally behind the renovation of famous **Banesar Gardens** Sangrur through community awareness and participation. They themselves have shown up keen interest about the implementation of Ecocabs in Sangrur city area. In a one hour long discussion and subsequent site visit, Mr Anand was informed about the basic function and about concept ecocabs. For the implementation, their team was informed and they will undertake one basic Sangrur city rickshaw system study within a month. Accordingly administrative, community and financial support shall be generated.

Deputy Commissioner Sangrur appointed Mr Amit Kumar, SDM, Moonak as Nodal Officer for Ecocab implementation project for the Sangrur district. Joint meeting with local NGO’s representatives and Mr Amit Kumar was scheduled for 1st May but due to Chief Minister’s visit of 2nd May at Moonak, this was postponed till further information.

For the Malerkotla town (Under Sangrur District), telephonic discussion was held with General Manager, Department of Industry and Commerce, Malerkotla. Preliminary implementation plan was discussed and date for the joint meeting with D.C. Sangrur shall be finalized soon to launch Ecocab project in Sangrur District.

Contact Details

- Mr Amit Kumar, SDM, Moonak and Nodal Officer, Sangrur Ecocabs || Mobile: +91.9988022629 || Email: amitias2008@gmail.com
- Mr Kamal Anand, People for Transparency, Sangrur || Mobile: +91.9417238325 || Email: anandassoc@gmail.com
- General Manager, Department of Industry and Commerce, Malerkotla || Mobile : +91.9988289573

Capacity Building

Industry - Institutes Tie-ups

1. Indian Institute of Technology, Roorkee (Uttarakhand)

In the second week of April 2011, Professor Rajat Aggarwal, Department of Management Studies, IIT Roorkee visited Fazilka to study the concept of “Fazilka Ecocab” and he is keen to implement the same at IIT Roorkee campus. Further he emphasized to work with students to understand the management process of Ecocab operations. Dr Bhupinder Singh, Patron GWAF coordinated and facilitated the trip at Fazilka. Five new generation Ecocab model “Femto” would be assembled for IIT Roorkee campus as a pilot project. Based upon their findings further design and process improvement in “Ecocab Operations” shall be done. Department of Management Studies, IIT Roorkee will also perform case study on the same.

Contact Details:

Dr Rajat Aggarwal, Department of Management Studies, IIT Roorkee || Email: dr.rajat07@gmail.com

2. Guru Nanak Dev Engineering College, Ludhiana (Punjab)

Team from Guru Nanak Dev Engineering College Ludhiana led by Prof. H. S. Rai, Professor of Civil Engineering and Dean Consultancy visited Fazilka on 16th and 17th April 2011. They were here to conduct a workshop on digital map making using Open Source technologies and platform like Open Street Map (<http://osm.org/>). Digital map of the Fazilka town has been prepared. As a futuristic model, further studies were conducted to integrate Ecocab operations with low cost digital maps and GIS/GPS technologies. This will facilitate the easy navigation of Ecocabs within the municipal or in regional context. Mobile application using GPRS technologies for the same can also be developed. Some funding is desirable to take-up further R & D work in this regards.

Consultancy division of Guru Nanak Dev Engineering College, Ludhiana has also given their verbal consent to GWAF for extending their Research and Development (R &D) related activities and facilities to improvise ecocabs design and operations. Recently some of the college designed non-motorized vehicles by the mechanical engineering department got appreciation at National and state level. Punjab Tourism department directly or jointly with GWAF, can explore the possibilities to take further services of Guru Nanak Dev Engineering College, Ludhiana.

Contact Details:

Prof. H.S. Rai, Dean Consultancy, Department of Civil Engineering, Guru Nanak Dev Engineering College, Ludhiana || Contact No. : +91.9855225007 || Email: hsrai@gndec.ac.in |

3. Ecocab Research & Development Centre at Fazilka

Dr Bhupinder Singh established an Ecocab R & D Centre at Fazilka. This state of the art centre will work on the further developmental aspects of Ecocab Operations. Five research vehicles with suspensions under the guidance of Dr Bhupinder have been manufactured and shall be given to traction men with new phone numbers. The feedback will further help to standardize the all weather Ecocab design. Experts from different areas like ergonomics engineering, orthopedics and physiotherapy experts, industrial product design engineers, and art and illustration designers shall be taken into the panel for their valuable feedback. Support from government on this would really benefit standardizing “Ecocab Operations”.

Ludhiana cycle rickshaw industry has also shown up their great interest in the modified model of Rickshaw. Dr Bhupinder Singh is working in coordination with the Ludhiana industry like M/s Partap Engineers, Ludhiana (<http://toptrakcycles.com>), M/s Safari Bikes (<http://safari-bikes.com/>) and others to develop new ecocabs at commercial scale. One of the Fazilka Femto model has been handed over to Mr Surjit Singh of Top Trak Cycles (M/s Partap Engineers, Ludhiana) for further enhancement and production. CAD/CAM techniques shall be used for the commercial production of the rickshaws and software like SOLID WORKS.



Figure 3 : Fazilka Femto Ecocab with Suspension System

Contact Details:

Dr Bhupinder Singh, Patron GWAF and Retired Professor from Department of Mechanical Engineering, IIT Roorkee || Contact No. : +91.7500219086 || Email: bhup_inder@yahoo.com

4. Telecom Partner for Fazilka Ecocabs (BSNL)

Great amount of difficulties were faced by GWAF during first two years Fazilka dial-a-rickshaw project at Fazilka. Unnecessary charges, overbilling and poor service of private telecom operators were the key reasons which force us to choose a government agency as Telecom Partner. In this context on 1st April 2011, a meeting was held with GM (Enterprise Business), Punjab Telecom Circle, Bharat Sanchar Nigam Limited and they agreed to provide free SIM to all rickshaw operators in Fazilka belong to one particular series. Now the rickshaw registration number and last three digit of their mobile number would be same and within the Ecocab loop calling to each other shall be made available free. After obtaining some formalities and affidavits from rickshaw unions, SIM shall be issued within the month of May 2011.

Contact Details:

- Mr Sandeep Diwan, GM (Enterprise Business) Punjab Telecom Circle, Bharat Sanchar Nigam Limited, Sector 34, Chandigarh (UT) || Landline: +91.172.2612888
- Mr Manmohan Singh, Addl. GM (Enterprise Business) Punjab Telecom Circle, Bharat Sanchar Nigam Limited, Sector 34, Chandigarh (UT) || Landline: +91.172.2647575 || Email: dgmeb.pb@gmail.com

5. Web Portal and Community Page on Social Networking Sites for Ecocabs

Taking one step further, a dedicated website containing information/news about Ecocabs www.ecocabs.org has been launched. A community page regarding news and updates about the Ecocabs, on social networking site **facebook.com** has also been created and can be reached via URL www.facebook.com/india.ecocabs . This will further help to popularize Ecocabs and concerned can obtain the desired information.

Contact Details:

Navdeep Asija, Secretary (Admin), Graduates Welfare Association Fazilka || Contact No. : +91.9464413323 || Email: contact@lovefazilka.org |

6. Institute for Democracy and Sustainability, New Delhi

Mr Rajinder Ravi, author of best seller book on Rickshaw “**Rickshaw Ek Mahagath (रिक्शा एक महागाथा)**” and director of one 30 minute award winning documentary movie on Rickshaw “Pedal Solider of India” have been contacted. He is a founder of one Non-governmental organization “Institute for Democracy and Sustainability, New Delhi. He has been apprised about the progress of project ecocabs. He initially contributed a lot for the development of first Fazilka Ecocab model called “Nano”. Certain amendments in Punjab Cycle Rickshaw Act, 1976 are desirable at this stage. Separate report on the same shall be sent.

Contact Details:

Mr Rajinder Ravi | Email: rajinder_ravi@idsindia.net |