

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

STARRED QUESTION NO:53
ANSWERED ON:28.07.2010
ENVIRONMENT FRIENDLY VEHICLES
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) whether the Council of Scientific & Industrial Research (CSIR) has developed certain zero-carbon emission vehicles to be used in the ensuing Commonwealth games;
- (b) if so, the details thereof alongwith the fuel to be used to propel the vehicle; and
- (c) the steps taken/ being taken by the Government to promote research and development in this regard?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES (PRITHVIRAJ CHAVAN)

(a): Council of Scientific & Industrial Research (CSIR) has designed and developed an eco-friendly dual powered (motor assisted pedal driven) rickshaw named 'Soleckshaw'. CSIR has submitted a proposal to the Organizing Committee of Commonwealth games for operating about 300 Soleckshaw's primarily for carrying athletes/ games officials and some goods within the games village and other venues.

(b): Soleckshaw does not use any fuel for its operation. It is driven by an electric motor operated through batteries. The battery is charged offline with grid power or using solar energy. Soleckshaw can also be driven by manual pedaling or in combination of manual pedaling and electric power (generated through battery).

(c): Government has enabling schemes in place to support research and development in the related domains.