

‘Indian Ready Mixed Concrete Industry is Going Green’



GreenPro Certification standard for ready mix concrete (draft version) released by Mr. V Suresh, Chairman, IGBC Policy Advocacy, Former CMD, HUDCO during GreenPro Summit 2018

Confederation of Indian Industry jointly with Ready Mixed Concrete Manufacturers' Association (RMCMA) and Quality Council of India (QCI) has developed *GreenPro* – Green product certification for ready-mixed concrete. This *Greenpro* certification initiative for RMC is supported by International Finance Corporation (IFC), an arm of World Bank.

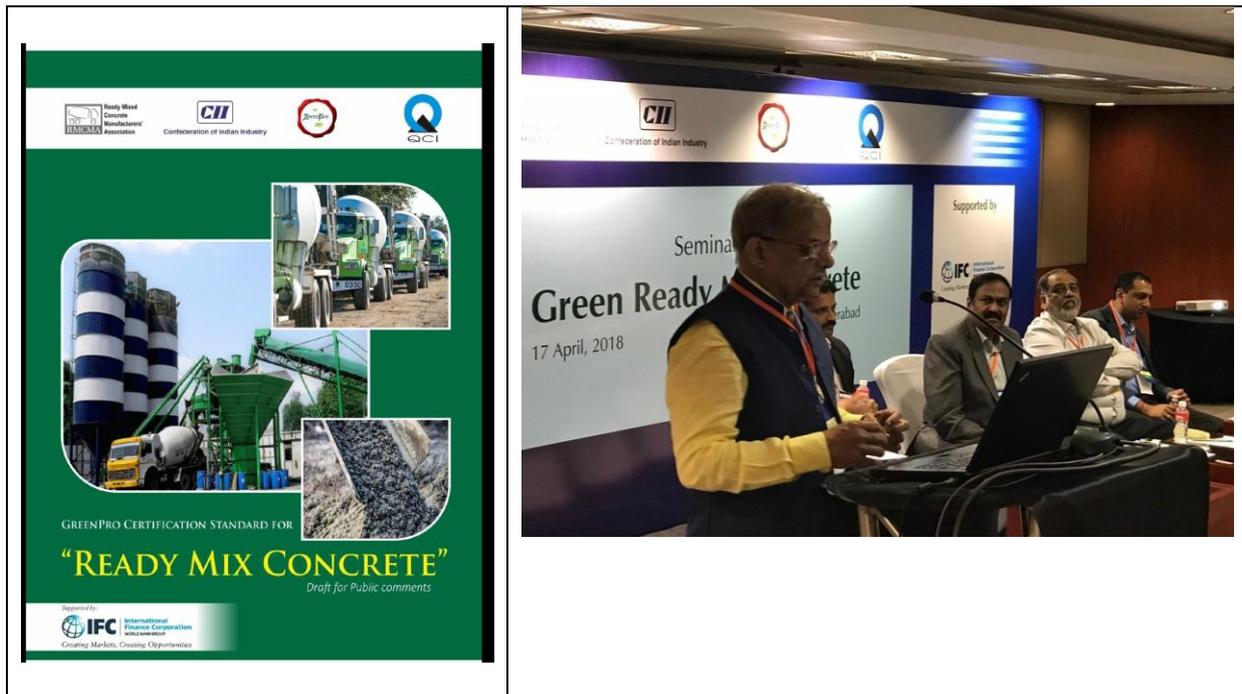
The *GreenPro* certification aims to evaluate the green features of RMC based on eight well-known parameters, namely, product design, product performance, raw materials, manufacturing process, waste management, life-cycle approach, product stewardship and innovations. The certification aims to improve resource conservation through increased use of recycled content (e.g. manufactured/recycled aggregates, fly ash, slag, etc.) enhanced energy efficiency, water efficiency, minimization of waste, etc. by adopting the well-known 3”R”(Reduce, Recycle and Reuse) techniques.

While the leading RMC producers from India have already taken many green initiatives, ample opportunities exist to further improve the “green” performance of the RMC industry’s products. The *Greenpro* certification is a good tool for this purpose. The use of this tool will go a long way in enhancing the green performance of the products from RMC industry and will also help in achieving the ultimate objective of reducing the GHG emissions from the industry. Adoption of *Greenpro* certification will also help the Indian ready-mixed concrete manufacturers to reduce their resource consumption and increase their profitability.

Leading concrete manufacturing companies such as ACC Limited, UltraTech Concrete, RMC Readymix (India) and Godrej & Boyce Mfg. Co. Ltd have agreed in principle to adopt *GreenPro* certification for RMC in a phased manner.

CII-Indian Green Building Council is encouraging the use of green ready-mixed concrete in the construction of green building projects. Leading architects, developers and builders have

started demanding green ready-mixed concrete which in turn will lead increased market demand for Green concrete.



Greenpro certification standard for RMC (left); Mr Vijay Kulkarni, Principal Consultant, RMCMA highlighting the main features of certification during *Greenpro* Summit.

A technical seminar on Green ready-mixed concrete was organised by CII on 17th April 2018 at Hyderabad. During the conference, CII had released the draft standard for adopting *GreenPro* certification for the benefit of ready-mixed concrete manufacturers.

This industry initiative aims at reducing GHG emissions to the tune of 150,000 tonnes/ annum. The reduction is expected on account of process improvement during manufacturing and increased addition of additives in ready mix concrete.

CII, RMCMA, QCI and IFC encourage the entire RMC industry to participate in this initiative and achieve the maximum benefits.

