

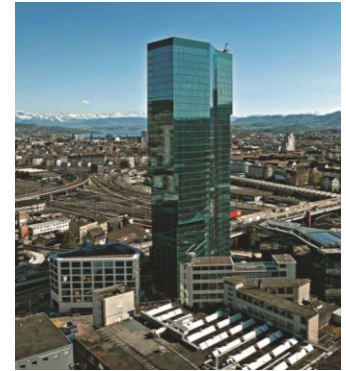


HCC

Hindustan Construction Co Ltd

HCC Group

- HCC is a business group of global scale developing and building responsible infrastructure through next practices. Its Group turnover – Rs.8,510 Cr (US\$ 1.6 billion)



HCC

Lavasa Corporation

HCC Real Estate

HCC Infrastructure

Steiner AG
Zurich, Switzerland

Engineering and Construction (E&C)

Urban Development and Management

Integrated Real Estate Development

Infrastructure Concessions in PPP / BOT

Real Estate Development
Total Services Contractor
Project Management

Sustainability Practices @ HCC

HCC uses its strength for broader social goals and to demonstrate environmental high standards, greater transparency and accountability and invest for the society at large.

In its fourth subsequent year HCC's sustainability report received highest accreditation A+ by the Global Reporting Initiative (GRI).

- **Water**

Decrease threat to sustainable business practices; create community goodwill

- **Disaster Management**

To equip the engineers to handle calamities and disaster on sites and in communities

- **Education**

To support the technical education by creating trained engineers, other personnel to build strong infrastructure across the length and breadth of the country,

- **HIV / AIDS Awareness**

To facilitate Good Health of our workforce for higher productivity and reduce risk for acquiring HIV/AIDS

- **Community Development**

To ensure proactive participation in the community development on issues of health, education , water and infrastructure development based on Public Private Partnership (PPP) model.



UNGC Climate Report features Case Study on HCC 's Water Sustainability initiatives



CSR award for Best Social Investment Strategy 2012

Resource Innovation

Water Sustainability At HCC

Water Sustainability @ HCC

First Indian Company to endorse United Nations Global Compact (UNGC)'s "The CEO Water Mandate"

Our Commitments:

- **Direct Operations:** Effective water utilization by identifying opportunities for 4R's (Recharge, Recycle, Reuse, Reduce). Aspires to become 'water neutral'.
- **Supply Chain:** HCC engages with contractors, subcontractors, suppliers, and service providers by communicating them essence and ways to adopt water conservation.
- **Community Engagement and Watershed Management:** Engagement with community around the HCC project sites by investing in rain water harvesting and watershed management.
- **Collective Action and Public Policy:** HCC advocates collective efforts to address the issue of water challenge with governments/NGOs and other business leaders for formulation of regulation and policies. HCC is industry partner of the World Economic Forum (WEF), Asia Society, Global Water Challenge.
- **Transparency:** Annual disclosure of water management practices through Communication on Progress on Water (available on www.hccindia.com)



The CEO Water Mandate



Ajit Gulabchand, CMD, HCC, addressing the crucial issue of water sustainability during the opening Press Briefing at UNGC Leader Summit 2010.

Direct Operation: Institutionalisation of the CEO Water Mandate

- A system guideline “Guideline for UN Water Mandate implementation at sites” was released by HCC’s Integrated Management System with a provision of access to the document by all at HCC.
- In addition to bringing the UN Water Mandate Implementation in HCC’s Integrated Management System (IMS), HCC developed a dedicated policy on water



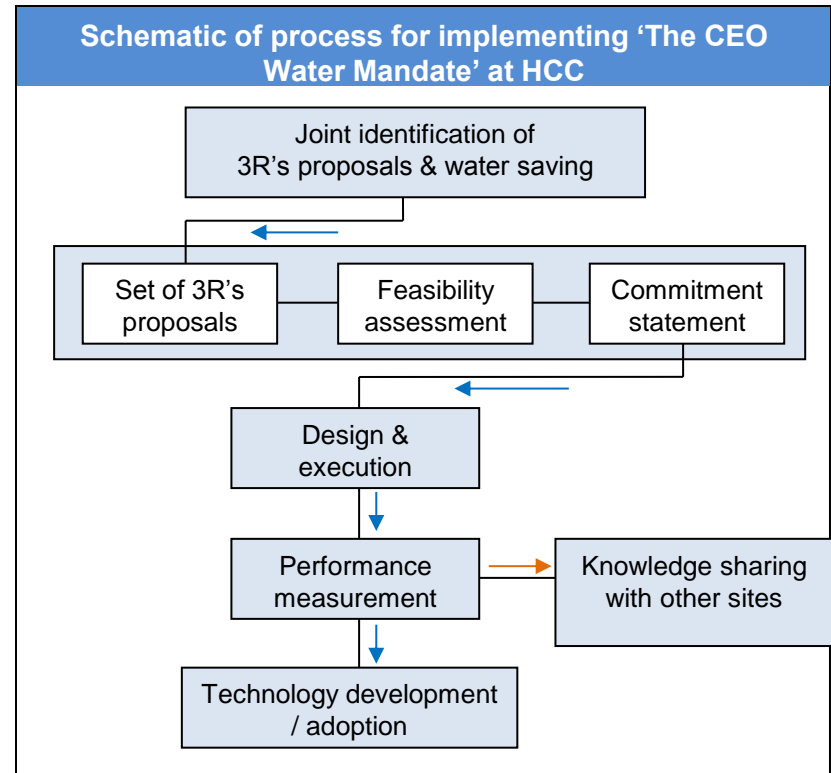
Direct Operation: Institutionalisation of the CEO Water Mandate

HCC's UN Water Mandate Team & Communication Mechanisms

- Water Experts / Practitioner at HO
- Nodal Officer (Water Champion) at Site

Implementation Process

- Methodology & Tools
 - List of Recommended Interventions at mobilization stage
 - Water Forecast, Sourcing Plan, Recycling opportunities, Utility Mapping, Preparedness Plan, Budgeting,
 - Water withdrawal, consumption, recycle, reuse data collection in specified format



Direct Operation: Case Examples

Vizag and Padur Cavern Projects: Construction of huge underground caverns for storage of crude oil

Water Intervention

- Installation of waste water treatment plant to reuse the tunnel waste water

Impact

- Reduction in the stress on local aquifers
- The client mainstreamed Water Recycling Plant a mandatory in all future tenders.
- The total quantity of fresh water saved > 400 M Lit in 3 yrs. at Vizag.
- The total quantity of fresh water saved > 424 M Lit in 2 yrs. at Padur



WTP at Vizag Cavern



WTP at Padur Cavern

Direct Operation: Case Examples (Contd.)

Badarpur Elevated Highway Project : A 4.4 km elevated highway on Delhi Agra section of NH-2 on BOT basis.

Water Intervention:

- Recharge bore wells at along the highway.
- Groundwater recharge through artificial ponds and rooftop RWH
- Treated Water reuse/recycle for curing and dust suppression

Impact

- The water conserved at site 23149 m³
- The rain water conservation at RWH systems = 84000 litres
- The project will become 'Water Positive' through conservation of rain water over the period of time.



Direct Operation: Case Examples (Contd.)

Director General of Naval Projects (DGNP):

Reconstruction and completion of dry dock Mumbai

Water Intervention

- To Reduce fresh water consumption by installation of desalination plant
- Water reuse and recycle for dust suppression

Impact

- Fresh Water Saved > 34 Million Lit
- Reduction in the stress on local aquifers



Direct Operation: Case Examples (Contd.)

Bogibeel Rail-cum-Road Bridge Project Assam

Water Intervention

- Installation of Decentralized Wastewater Treatment System (DWTS) to reuse of sewage water
- Water reuse and recycle for horticulture and dust suppression.



Impact

- Soil contamination is eliminated as soak pits are not used.
- Reduction in the fresh water consumption.
- Fresh Water Saved > 940 KL in 3 months

Global Participation

- UN Global Compact Leaders Summit 2013
- World Economic Forum (WEF) Annual Meeting 2012
- United Nations (UN) Global Compact Week 2011
- World Sustainable Development Forum: DSDS 2012
- India Water Forum 2011
- COP15: High-level Roundtable on Private Sector Solutions for Climate Change in Asia and the Pacific
- World Sustainable Development Forum: DSDS 2012
- The First Responsibility Forum of India
- UN Global Compact Leaders Summit 2010
- Stockholm World Water Week 2009



@ UN Leaders Summit 2010



@ WEF Davos meet 2009



Thank you

Disclaimer

This presentation contains certain forward looking statements concerning future business prospects and profitability of HCC, which are subject to a number of risks and uncertainties and actual results could materially differ from those in such forward looking statements, important developments that could affect the company's operations include a downtrend in the infrastructure sector, significant changes in political and economic environment in India, tax laws, labor relations, litigation etc. The company does not undertake to make any announcement in case any of these forward looking statements become materially incorrect in future or update any forward looking statements made from time to time by or on behalf of the company.