Industrial Session 1

Technologies for drinking water & sanitation :
- quality of affordable water
- advanced technologies adapted to indian experience
- compact units for all cities

Co-Chairmen:
*** Mr. Pradeep MEHRA, CEO, Delhi Jal Board**
*** Mr Jean Claude OPPENEAU, Vice Director International, ADEME**

13.30 hrs Links between Industry & Research in the field of drinking water
Mr. Thierry CHAMBOLLE - SUEZ LYONNAISE DES EAUX

1350 hrs Indian context for urban water distribution
Dr S.R. SHUKLA, Advisor, *CPHEEO*, Ministry of Urban Development.

1410 hrs French drinking water technology in the Indian context/water supply for suburban areas
Mr M. GROVER - DEGREMONT

1430 hrs The optimization of pumping systems for energy saving
Mr Pierre JOURDES - ALSTOM Systems

1450 hrs Various aspects of metering
Mr V.N. SINHA - SCHLUMBERGER *India*, Mr Serge FRANCK - SOCAM

1520 hrs Tea/coffee break

1530 hrs Small treatment units for rural communities
Mr Malcolm SAUNDERS - VIVENDI Water

1550 hrs Compact waste water units for open sewers-The case of SNH Nallah in Delhi
Mr S. KISHORE - DEGREMONT

1610 hrs Waste water re-use technologies
Mr Abdelkader KAID - OTV

1630 hrs Concluding remarks :
Mr Dilip BISWAS - CENTRAL POLLUTION CONTROL BOARD
Mr Alain FABRY - SUEZ LYONNAISE DES EAUX

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1630 hrs Concluding remarks :
Mr Dilip BISWAS - CENTRAL POLLUTION CONTROL BOARD
Mr Alain FABRY - SUEZ LYONNAISE DES EAUX

Industrial Session 2

Water Resource Management
- water use efficiency
- competitive allocations between urban & agricultural needs
- automated control

Co-Chairmen:
Mr. MOHILE, CENTRAL WATER COMMISSION
Mr. Yves CARISTAN, BRGM

1330 hrs Links between Industry & Research in the field of water resource management
Mr Christian FOUILLAC - BRGM

1350 hrs The experience of the French water basin agencies: organisation, technical tools, links with the agricultural world
Mr Alain DUCHEIN - The Water Agency for the Adour-Garonne Basin

1410 hrs Integrated management : the French experience of allocating water resources by river basins / the project of the Sabarmati river
Mr LAPORTE, Mr GALES - BCEOM (in cooperation with OIE)

1430 hrs Groundwater development & management
Mr Hubert ZEEGERS - BRGM

1450 hrs Surface water management in India
Mr PC MATHUR, Commissioner, Water Management, **Ministry of Water Ressources**

1510 hrs Increasing dam storage capacity
Mr Marc PHILIPPE, Mr A.K. SUD - HYDROPLUS

1520 hrs Tea/coffee break

1530 hrs Conjonctive use of traditional and modern techniques for improved water control in irrigation: the Majalgaon project in Maharashtra -
Mr Daniel ROGIER - SOCIETE DU CANAL DE PROVENCE

1550 hrs Ground water management in India
Mr S.K. SHARMA, Member, **CENTRAL GROUND WATER BOARD**

1610 hrs Re-using waste water in agriculture : an unconventional resource
Mr Michel SOULIE - Critt VERSEAU

1630 hrs Concluding remarks :
Dr S.K. SHARMA, Member, **CENTRAL GROUND WATER BOARD**
Mr DUCHEIN - Water Agency for the Adour-Garonne Basin

Scientific Session 3
Water Resources for Rural India : Availability, Quality and Distribution

Co-Chairmen :
Prof. R. KUMAR, IIS
Prof. Bernard DUPRE, CNRS/LMTG

1330 hrs Evaluation of Water Resources
Dr Patrick LACHASSAGNE - B.R.G.M.

1400 hrs Modelling of transport of Water
Dr A. COUDRAIN-RIBSTEIN - C.N.R.S./UPMC

1430 hrs Ground water quality – Chemical
Dr Krishna GOPAL, I.T.R.C.

1500 hrs Tea/coffee Break

1515 hrs Ground water quality–Biochemical
Philippe CORNET, French Industry

1545 hrs Transfer of metals in soil
Dr Jean-Jacques BRAUN - I.R.D.

1615 hrs Chemistry of Interface Transfer of metals
Dr Laurent CHARLET, C.N.R.S.

Saturday, 20th November 09h30 hrs to 13h00 hrs : Parallel Sessions as follows -

Industrial Session 4
Urban Water & Sanitation : for a more rational use of water
- system automation
- water savings

Co-Chairmen:
* **Mr. P.L. DIWAN,** ***Chairman,*** **WAPCOS**
* **Mr Krishna SHIVRAM** CEO, **SCHLUMBERGER** ***India***

0930 hrs Links between Industry & Research in the field of waste water
Mme Marie Marguerite BOURBIGOT - GENERALE DES EAUX/VIVENDI

0950 hrs Leak detection: Reducing the amount of unaccounted for water- BCEOM experiences in various countries (Peru, Bosnia, Ethiopia)
Mr LAPORTE, Mr GALES - B.C.E.O.M.

1010 hrs The control and monitoring of unaccounted for water in the Indian urban environment
Mr Chris GRIEVE - SEURECA SPACE

1030 hrs **Mr. P.L. DIWAN,** ***Chairman,*** **WAPCOS**

1045 hrs Tea/coffee break

1100 hrs Remote supervision of Colombo water distribution system
Mr Daniel ROGIER - SOCIETE DU CANAL DE PROVENCE

1120 hrs Re-use of waste water : examples of reutilisation in industry in India
M. V. GOYAL - DEGREMONT

1140 hrs Saving water by re-using treated effluent for industrial needs
Mr John LANNING - O.T.V.

1200 hrs **Mr R.S. RAMASUBRAMANIAM**, Managing Director, **Feedback HSS** Integrated

1215 hrs Concluding remarks :
Mr. P.L. DIWAN, Chairman WAPCOS
Mr Fabien COX, VIVENDI Water

Industrial Session 5

The financial aspects of water management

- outsourcing
- instrumental steps
- public-pvt. partnerships

Co-Chairmen:
*** Mr. V SURESH, MD, HUDCO**
*** Mr. Jean Claude BANON, VIVENDI Water**

0930 hrs The French water agencies as financial tools for water management -
Mr Jean François TALEC - Water Agency for the Loire Bretagne Basin

0950 hrs The water sector recent experiences & trends for cost recovery and tarif arrangements in developed & new industrialised countries. What lessons for emerging countries and for India? -
Mr J.F. VERGES - I.C.E.A.

1010 hrs **HUDCO**

1030 hrs Tea/coffee break

1045 hrs Public/Pvt partnerships in the financing of urban infrastructures
Mr Minso YELENGWE - INSTITUT DE LA GESTION DELEGUEE

1105 hrs Examples of private management
Mr Simon MONTAGUE, Mr David TAGG - SUEZ LYONNAISE DES EAUX

1125 hrs Delegation of water services adapted to India
Mr Fabien COX - VIVENDI Water India

1145 hrs Correlation between risk sharing & the relative maturity of financing
Mr Alain LECRIVAIN, Mr WEYMULLER - CREDIT LYONNAIS

1210 hrs IL&FS experience with private financing of infrastructures : The Tirupur project
Mr S. PRAKASH, *Asst. Vice President, Infrastructure Strategic Business Unit*
IL&FS

1230 hrs Concluding remarks :
Mr. Pradip SINGH, Senior Vice President, IL&FS
Mr. DANGEARD - MEED / Mr BANON - VIVENDI Water

Scientific Session 6
Water Treatment and Solutions for water Deficient Areas

Chairman:

***Dr S.M. SETH, NIH**

0930 hrs Hydrogeology coupled with Climate
Dr. Georges VACHAUD, CNRS/INSU

1000 hrs Potential solutions to drought
Dr S.P. RAJAGOPALAN, CWEDM, Calicut

1030 hrs Tea/coffee break

1045 hrs Special problems of semi arid zones
Dr K. D. SHARMA, CAZRI

1115 hrs Biological treatment of ground water
Dr DELATRE, INSTITUT PASTEUR, Lille

1145 hrs Chemical treatment of ground water
Dr BERSILLON, Nancy

1215 hrs Glaciology
Dr S.M. SETH, NIH, Roorkee

1245 hrs Concluding session
Mr CHAMBOLLE,, SUEZ LYONNAISE DES EAUX
Dr S.M. SETH, NIH Roorkee

13h00 hrs : Lunch at the hotel Hyatt

Saturday, 20th November 15h00 hrs to 18h00 hrs
One to one meetings

*** Optional visit of the DELHI JAL BOARD Sewage Treatment Plant of Dr Sen Nursing Home nallah (20 min from Hyatt) This unique plant includes one combination of high rate sedimentation (DENSADEG) and biofiltration (BIOFOR).*

Industrial Session 1

Technologies for drinking water & sanitation :
- quality of affordable water
- advanced technologies adapted to indian experience
- compact units for all cities

Co-Chairmen:
*** Mr. A.K. TIWARI, Deputy Secretary-Water Supply and Sanitation Department**
*** Mr J.C. OPPENEAU, Vice Director International - ADEME**

1430 hrs Links between Industry & Research in the field of drinking water
Mr. Thierry CHAMBOLLE - SUEZ LYONNAISE DES EAUX

1450 hrs Indian context for urban water distribution
Mr. Subodh KUMAR, *Addl Municipal Commissioner*-MUMBAI MUNICIPAL CORPORATION

1510 hrs French drinking water technology in the Indian context/water supply for suburban areas
Mr M. GROVER - DEGREMONT

1530 hrs The optimization of pumping systems for energy saving
Mr Pierre JOURDES - ALSTOM Systems

1550 hrs Various aspects of metering
Mr V.N. SINHA - SCHLUMBERGER *India*, Mr Serge FRANCK - SOCAM

1610 hrs Indian Intervention
Mr. Jayant KAWALE, Maharashtra Industrial Development Corporation

1630 hrs Small treatment units for rural communities
Mr Malcolm SAUNDERS - VIVENDI *Water*

1650 hrs Compact waste water units for open sewers-The case of SNH Nallah in Delhi
Mr S. KISHORE - DEGREMONT

1710 hrs Waste water re-use technologies
Mr Abdelkader KAID - OTV

1730 hrs Concluding remarks :
Mr SUKHTANKER, former Municipal Commissioner of Mumbai
Mr Alain FABRY, SUEZ LYONNAISE DES EAUX

Industrial Session 2

Water Resource Management

- water use efficiency

- competitive allocations between urban & agricultural needs

- automated control

Co-Chairmen:
Mr. ARMAL, Chief Engineer - Maharashtra Jeevan Pradhikaran
Mr. Yves CARISTAN, B.R.G.M.

1430 hrs Links between Industry & Research in the field of water resource management
Mr Christian FOUILLAC - B.R.G.M.

1450 hrs The experience of the French water basin agencies: organisation, technical tools, links with the agricultural world
Mr Alain DUCHEIN - The Water Agency for the Adour-Garonne Basin

1510 hrs Integrated management : the French experience of allocating water resources by river basins / the project of the Sabarmati river
Mr LAPORTE, Mr GALES - B.C.E.O.M. ***(in cooperation with OIE)***

1530 hrs Groundwater development & management
Mr Hubert ZEEGERS - B.R.G.M.

1550 hrs Indian intervention
Mr F.J. JADHAV, Additional Director, **Ground Survey and Development Agency Pune**

1610 hrs Increasing dam storage capacity
Mr Marc PHILIPPE, Mr A.K. SUD - HYDROPLUS-

1620 hrs Tea/coffee break

1630 hrs Conjonctive use of traditional and modern techniques for improved water control in irrigation: the Majalgaon project in Maharashtra
Mr Daniel ROGIER - SOCIETE DU CANAL DE PROVENCE

1650 hrs Re-using waste water in agriculture : an unconventional resource
Mr Michel SOULIE - Critt VERSEAU

1710 hrs Concluding remarks :
Mr. PATWARDHAN, Ex Member Secretary - Maharashtra Jeevan Pradhikaran
Mr J.F. TALEC - Water Agency for the Loire-Bretagne Basin

Scientific Session 3
Water Management for Large Industrialised Cities

Co-Chairmen :
***Prof. Bernard DUPRE, CNRS/LMTG**
***Prof. K. SRIDHARAN, IIS**

1430 hrs Water Distribution in Expanding Cities
Mr F. BRUANT , SAFEGE

1500 hrs Water Distribution in Expanding Cities
Prof. K. SRIDHARAN, IIS

1530 hrs Hight technology water treatment chemicals :
Efficiency and economics
Mr T.R. RAGHURAMAN, ELF ATOCHEM

1600 hrs Coffee Break

1630 hrs Process Water from Waste Water
Mr Chandra MYSORE, VIVENDI Water

1700 hrs Process Water from Waste Water
Mr K. DESHPANDE, THERMAX, Pune

1730 hrs Potable Water from Surface Water
M. Jacques MANEM, ASTRAN

1800 hrs : **Tea/coffee**

Tuesday, 23rd November 09h30 to 12h30 : Parallel sessions as follows

Industrial Session 4
Urban Water & Sanitation : for a more rational use of water
- system automation
- water savings

Co-Chairmen:
*** Mr. Avadhesh KUMAR, *Group General Manager*, TATA CONSULTING**
*** Mr GANGULY, *CEO*, ALSTOM Systems**

0930 hrs Links between Industry & Research in the field of waste water
Mme Marie Marguerite BOURBIGOT, GENERALE DES EAUX/VIVENDI

0950 hrs Leak detection: Reducing the amount of unaccounted for water- BCEOM experiences in various countries (Peru, Bosnia, Ethiopia)
Mr LAPORTE, Mr GALES - B.C.E.O.M.

1010 hrs The control and monitoring of unaccounted for water in the Indian urban environment
Mr Chris GRIEVE - SEURECA SPACE

1030 hrs Open forum for Question and discussion : ***ION EXCHANGE***

1045 hrs Tea/coffee break

1100 hrs Remote supervision of Colombo water distribution system
Mr Daniel ROGIER - SOCIETE DU CANAL DE PROVENCE

1120 hrs Re-use of waste water : examples of reutilisation in industry in India
M. V. GOYAL - DEGREMONT

1140 hrs Saving water by re-using treated effluent for industrial needs
Mr John LANNING - OTV

1200 hrs Open forum for Question and discussion : **THERMAX**

1215 hrs Concluding remarks
Mr. SONI, *Hydraulic Engineer*, Mumbai Municipal Corporation
Mr Fabien COX , VIVENDI Water

Industrial Session 5

The financial aspects of water management

- outsourcing
- instrumental steps
- public-pvt. partnerships

Co-Chairmen:
*** Mr. D.J. Balaji RAO, *Managing Director,* Infrastructure Development Finance Corporation**
*** Mr. Jean Claude BANON, VIVENDI Water**

0930 hrs The French water agencies as financial tools for water management -
Mr Jean François TALEC - Water Agency for the Loire Bretagne Basin

0950 hrs The water sector recent experiences & trends for cost recovery and tarif arrangements in developed & new industrialised countries. What lessons for emerging countries and for India? -
Mr J.F. VERGES - I.C.E.A.

1010 hrs Indian intervention
Mrs. Sujatha SRIKUMAR, *Director & Head, Infrastructure and Public Finance* Ratings CRISIL

1035 hrs Public/Pvt partnerships in the financing of urban infrastructures
Mr Minso YELENGWE - INSTITUT DE LA GESTION DELEGUEE

1055 hrs Examples of private management
Mr Simon MONTAGUE, Mr David TAGG - SUEZ LYONNAISE DES EAUX

1115 hrs Delegation of water services adapted to India
Mr Fabien COX - VIVENDI Water India

1135 hrs Financing of integrated water sector projects in India
Mr K.B. GOPALAKRISHNAN, Senior Vice President, **SBI Capital Market**

1150 hrs Correlation between risk sharing & the relative maturity of financing
Mr Alain LECRIVAIN, Mr WEYMULLER - CREDIT LYONNAIS

1210 hrs IL&FS experience with private financing of infrastructures : The Tirupur project
Mr. S. PRAKASH, *Assistant Vice President of Infrastructure Strategic Business Unit,* IL&FS

1230 hrs Concluding remarks :
Mr. Anupam SRIVASTAVA, *Vice President Operations,* IDFC
Mr. DANGEARD - MEED / Mr BANON - VIVENDI Water

Scientific Session 6
Water Management for Large Industrialised Cities 2

Chairman:
***Dr BASAK, CWRDM**

0930 hrs Lake Water Management - Quality and Quantity
Mr TIPPESWAMY - BWSSB Bangalore

1000 hrs Transfer Processes in Ground Water
Dr Laurent CHARLET - CNRS

1030 hrs Tea/coffee Break

1040 hrs Transfer Processes in Ground Water
Dr Jean Jacques BRAUN - IRD

1110 hrs Pollution Discharge into Oceans
Dr Robin SENGUPTA - NIO

1140 hrs Pollution Discharge into Oceans
Mr Chandra MYSORE - VIVENDI Water

1210 hrs Coast-Sea Interaction
Dr Satish SHETYE - NIO

1240 hrs Discussion and Conclusions
Dr BASAK - CWRDM

1250 hrs : Lunch at the hotel Taj

Tuesday, 23rd November 1500 hrs to 1800 hrs
One to one meetings