

- **Tell us about your objective of participating at India CHEM 2008.**

India is emerging as one of the fastest developing economies around the globe and therefore offers a wide spectrum of opportunities. We wish to showcase our numerical modeling capabilities with the help of our 3D Computational Fluid Dynamics software for process optimization, risk analysis, emergency response to accident scenarios and pollutant dispersion to the prospective clients in the Indian chemical and petrochemical sector.

- **What potential do you foresee from the Indian market (for chemical & allied industries)?**

In recent years, the chemical and petrochemical sector has become one of the fastest growing sectors in Indian economy. We foresee excellent opportunities to participate in this expansion by means of our process optimization tools and at the same time address the environmental and safety issues by modeling the real time management of industrial accidents, process safety, pollutant discharge in atmosphere, water and ground water and possible risk scenarios.

- **What do you have to offer the Indian market?**

We offer our 3D Fluid Mechanics software and consultancy services to the chemical and petrochemical sector (a few listed below) for the following applications:

Fluidyn PANACHE: Modeling real time dispersion of radioactive products & toxic/flammable gases, wave effects in refineries, explosion and fire modeling, analysis of possible risk scenarios, air quality and impact studies due to industrial emissions.

Fluidyn VENTIL: Modeling explosions, deflagrations, ventilation in confined spaces & industrial premises.

Fluidyn FLOWSOL: Modeling dispersion of radioactive contaminants in surface and ground water

Fluidyn MP: Multiphysics software for industrial process optimization

- **Could you brief us about the trade investment climate, and your plans of expansion in India?**

We foresee a host of business opportunities for developing our activities in India. There is a huge potential to market our technology to the developing Industrial and emerging science and technology sectors through our R & D centre established in Bangalore which responds to the present day needs in the fields of mathematical modeling.

- How have you benefited by participating at India Chem 2006 (in terms of lead generated, etc)?

YES, We have definitely gained from our presence in India Chem 2006. We have acquired various contacts and client in different industrial and R & D sectors.

- Will you be showcasing any technological innovation/s at India Chem 2008?

Our R & D center is continuously improving by incorporating innovations based on latest scientific advances. We also collaborate with various R & D Laboratories and universities for exchange of latest technical know-how.

Some of latest technological innovations for which will be showcased at INDIA CHEM are:

Fluidyn PANACHE PANEPH Model: dedicated to the simulation of accidental dispersion of releases in process industries and combustion products. The latest model enhancement includes the integration of multi-block, embedded structured and unstructured and non-conform mesh in the implicit solver, interface with a meso-scale software (MM5).

The other tools which will be showcased are the following:

Fluidyn PANFIRE: 3D CFD tool for modeling thermal fluxes due to solid/ liquid fires

Fluidyn VENTEX: 3D CFD for modeling explosions, detonations and deflagrations

Fluidyn VENTIL: Ventilation and Air quality simulation in closed & confined spaces

Fluidyn ASSESSRISK: Modeling possible accident scenarios on chemical & petrochemical sites

Fluidyn MP: Modeling multiphysical phenomena in process industries (fluid structure interaction, deformations and heat conduction).