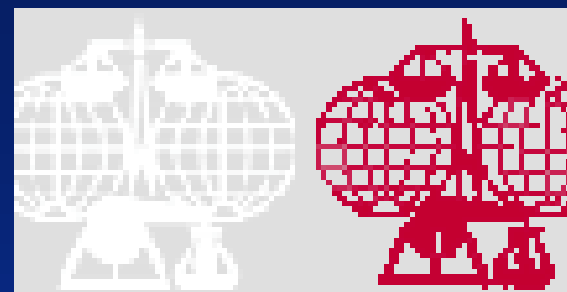


# Welcome: CHEMRAWN XVI 2003



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# CHEMRAWN Conferences are different



- Not just a conference
- Involve not just scientists but public, private, media, NGOs, academic sectors
- Focus on a major issue – a world need
- Future actions committee develops set of actionable recommendations and works on follow-up



## 13 CHEMRAWN Conferences Since 1978

**I –Toronto, Canada (1978) Future Sources of Organic Raw Materials**

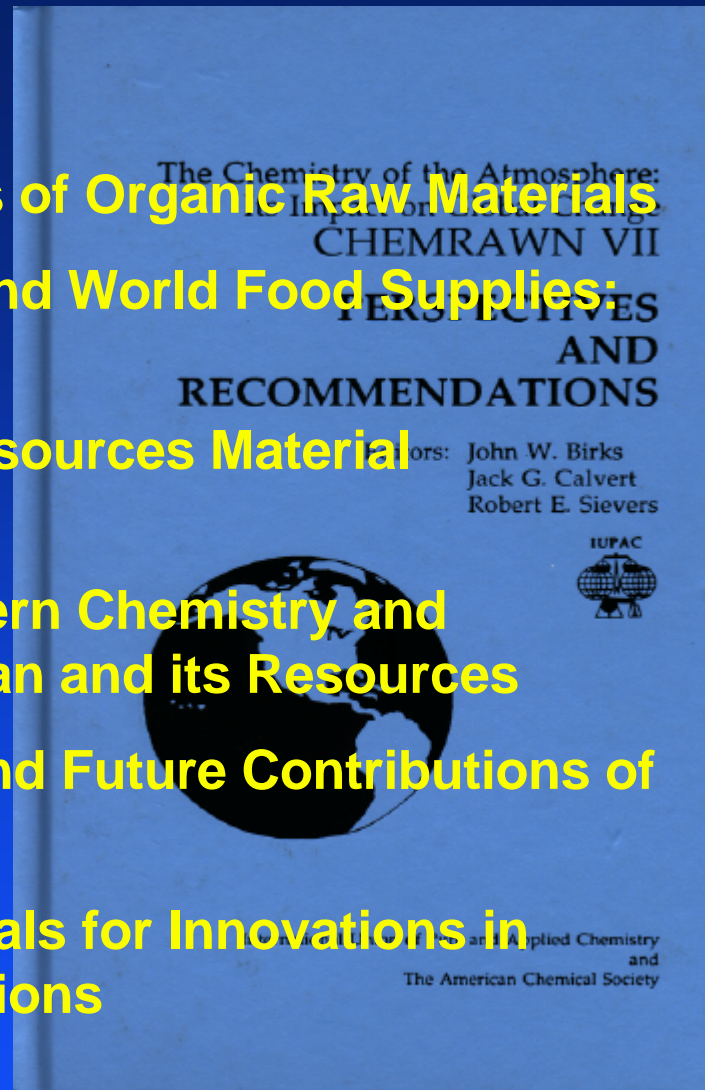
**II –Manila, Philippines (1982) Chemistry and World Food Supplies:  
The New Frontiers**

**III –The Hague, the Netherlands (1984) Resources Material  
Conversion**

**IV –Keystone, Colorado, USA (1985) Modern Chemistry and  
Chemical Technology Applied to the Ocean and its Resources**

**V –Heidelberg, Germany (1986) Current and Future Contributions of  
Chemistry to Health**

**VI –Tokyo, Japan (1987) Advanced Materials for Innovations in  
Energy, Transportation, and Communications**



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VII –Baltimore, Maryland, USA (1991) The Chemistry of the Atmosphere: Its Impact of Global Change

VIII –Moscow, Russia (1992) Chemistry and Sustainable Development

IX –Seoul, Korea (1996) Advanced Materials and Sustainable Development

X –Budapest, Hungary; Washington, DC, USA; Honolulu, Hawaii; and Brisbane, Australia (1999-2000) The Globalization of Chemical Education - Preparing Chemical Scientists and Engineers for Transnational Industries

XI –Montevideo, Uruguay (1998) Latin American Symposium on Environmental Analytical Chemistry

XIV –Boulder, Colorado, USA (2001) Toward Environmentally Benign Processes and Products

XVI – Ottawa (2003) Innovation: From Pure to Applied Chemistry



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# Four Conferences Being Planned

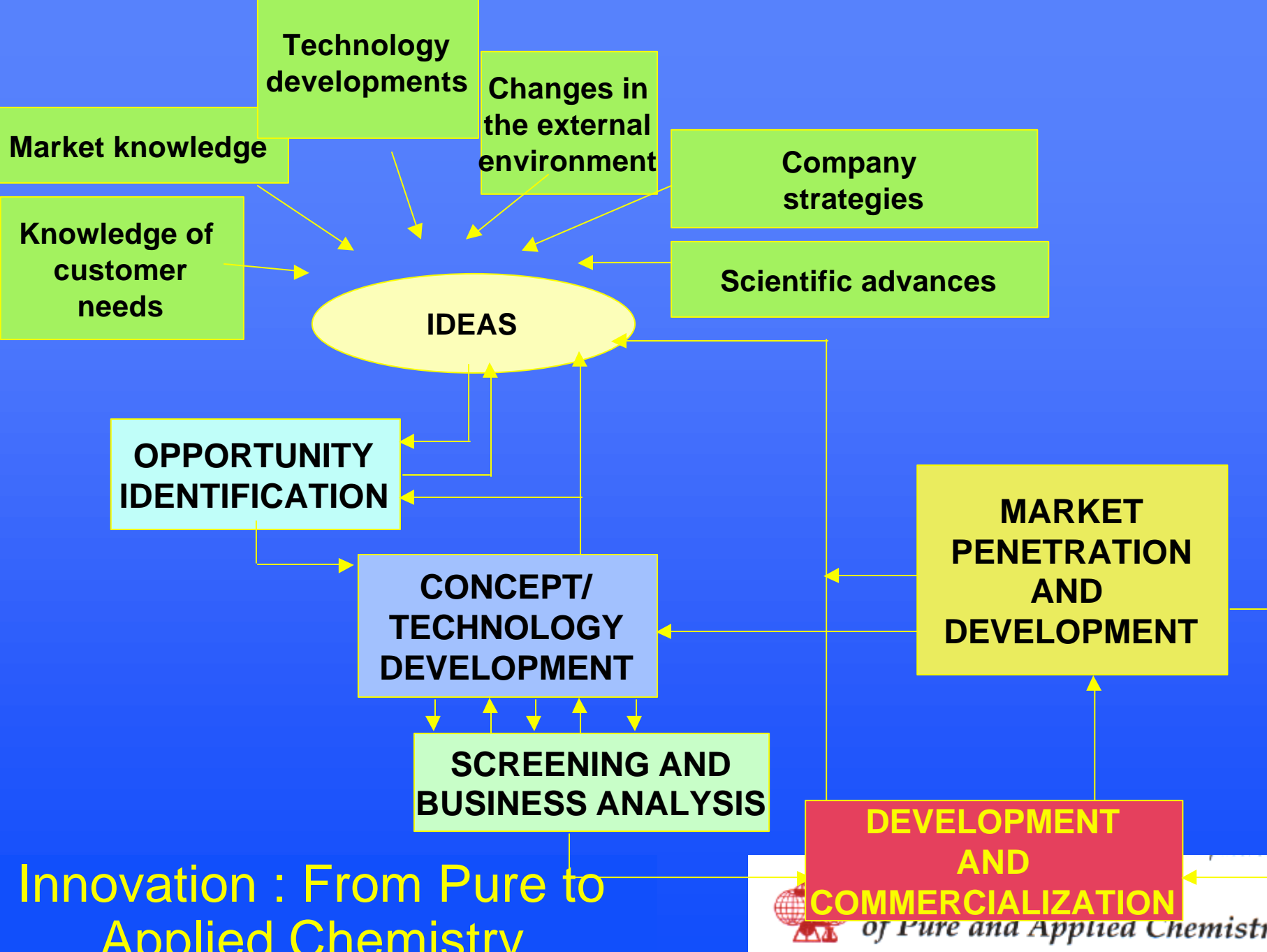
XII—Senegal or South Africa (2005) Chemistry, Sustainable Agriculture, and Human Well Being in Sub-Saharan Africa

XIII—Pune, India (2003-2004) Cleaner Energy

XV—Paris, France (June 2004) Chemistry and Water

XVII—Kingston, Ontario, Canada (2004-2005) Greenhouse Gas Mitigation





# Challenge for Today

- Explore Innovation in the chemical industry
- Is the current state desirable or not?
- What are the enablers?
- What are the barriers?
- Develop some perspectives and recommendations
- Are there some specific actions that can be taken?

