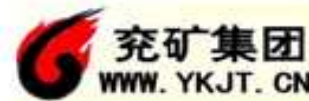


ECI International Conference CO₂ SUMMIT: TECHNOLOGY AND OPPORTUNITY

Frank Zhu



AIChE



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Alarm rings loudly

- **Population rise by 30%: ~5.7 billion at 2007 to 8 billion at 2030**
- **Energy demand will increase by more than 40%**

If business as usual, there will be a big elephant footprint!

Energy Trend for clean environment

- **Coal will become a bigger player → CCS can make it clean: solution by rejection**
- **Oil has been a major player → biomass can make it cleaner: solution by dilution**
- **Energy usage → Process/equipment efficiency can reduce usage: solution by reduction**

Three themes for this conference

The Conference Format

- **Morning:** presentations and Q&A
- **Afternoon:** relax time
- **Early evening:** presentations and Q&A
- **Evening:** posters/discussions and social time

Share and create ideas with enlightening discussions in a relaxed atmosphere