

# ECRI Sponsors Meeting

London, England  
Wednesday 10<sup>th</sup>. June 2009



**WELCOME**

# Agenda Item 6

## ECRI Work Fronts – Up-Date

**Rod Kyle**

**Peter Olofson**

**Paul Bragan Turner**

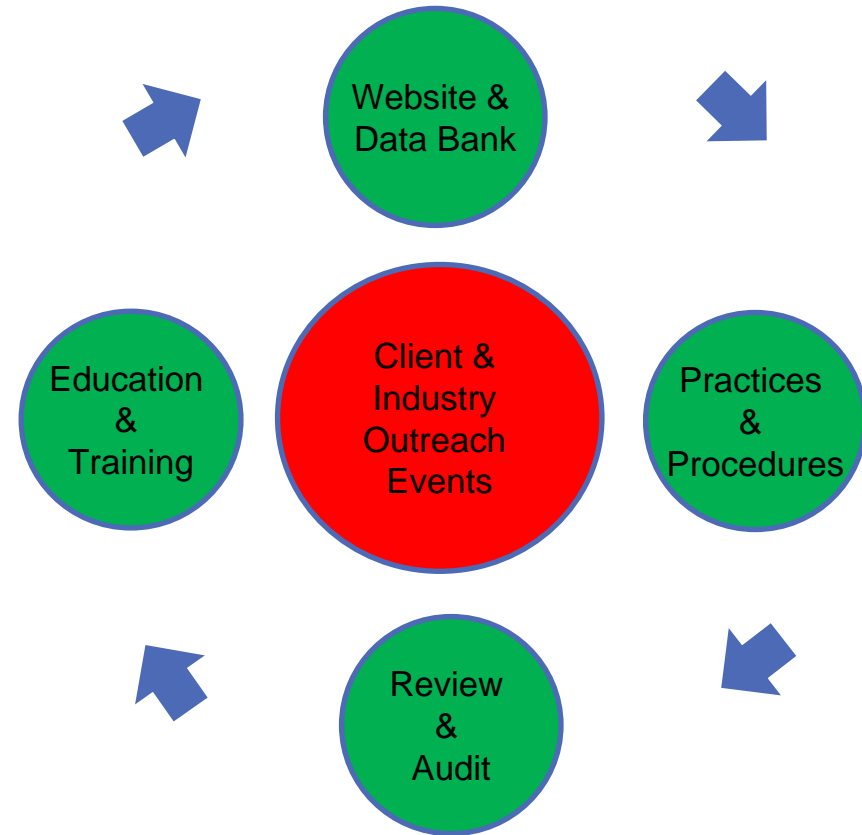
# Agenda Item 6 – ECRI, What we do

## ➤ We have Five Core Operational Work Fronts & Activities:

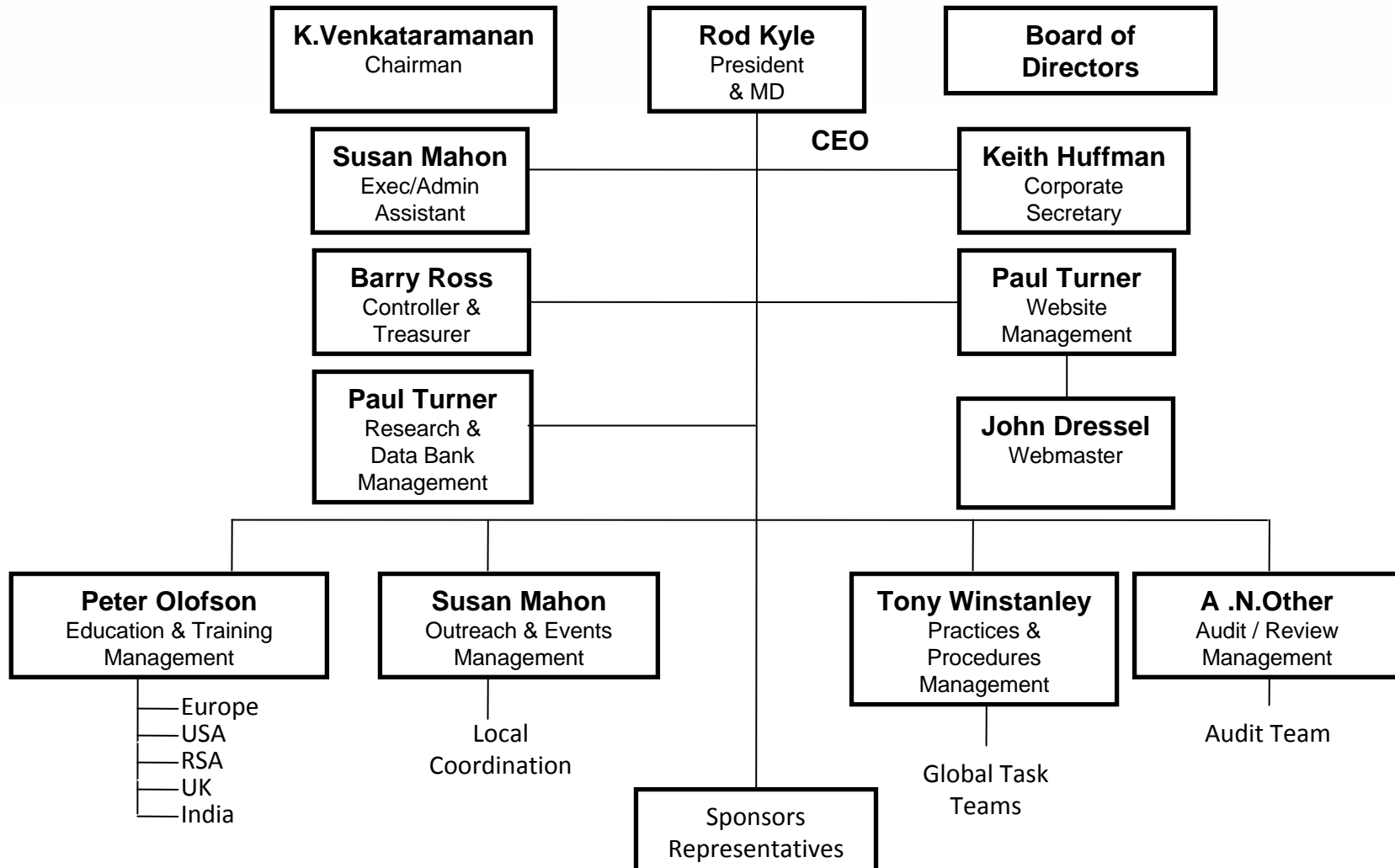
- Website & Data Bank
- Practices & Procedures

## Client and Industry Outreach

- Review & Audit
- Education & Training



# Agenda Item 6 – ECRI, How we are organised



# Agenda Item 6 – ECRI Client Industry Outreach & Events

## ECRI Client / Industry Outreach & Events

# Agenda Item 6 – ECRI Client / Industry Outreach & Events

- **Industry Meetings in Abu Dhabi, April**
- **Industry / ACA Meetings in Australia, May**
- **Industry Meeting with BCECA, June**
- **Joint Risk Meeting with WEF, June**
- **Mid-Year Sponsors / Client Meeting, London, June**
- **Outreach Forum in Houston, USA, October**
- **Outreach Forum in Tokyo, Japan, October ?**
- **Client – Specific Meeting, October / November**
- **E&C Risk Group Meeting, London, November**
- **Outreach Forum in Middle East, Abu Dhabi, December**
- **Year- End Sponsors / Client Mtg, Abu Dhabi, December**

# Agenda Item 6 – ECRI Practices & Procedures - 2009

## ECRI Practices & Procedures - 2009

# Agenda Item 6 – ECRI Practices & Procedures - 2009

- **Recruited Tony Winstanley to lead Practices & Procedures, maintenance, updating & delivery of new items**
- **More formal/structured approach to Practices & Procedures selection based on Sponsors requirements**
- **Cold eye review of all existing material taking place**
- **Requested any comments from sponsors**
- **Linkage to the 6 phases of Project Implementation**

# Agenda Item 6 – ECRI Practices & Procedures - 2009

## Completed :

- **Structured approach to Post-Mortems, Project Close-Out and Lessons Learned**
- **Secondary Impacts of Project Change**
- **Important Contract Issues**

## In Preparation :

- **PowerPoint on Secondary Impacts of Change**
- **Model Contract Forms – Lessons Learned**
- **Risks Associated with BOO / PPP / BOOT**

# Agenda Item 6 – ECRI Practices & Procedures - 2009

## Planned :

- Risk Register Preparation Recommendations
- Project Contingency Administration & Drawdown
- Corporate / Project Insurances Re-visited
- Project Execution using Multi-Design Offices
- Improving Project Team Risk Awareness
- Portfolio and Enterprise Risk Drivers in the E&C Industry

# Agenda Item 6 – ECRI Education & Training

## ECRI Education & Training

# Agenda Item 6 – ECRI Education & Training

## ➤ **Developing programme of courses in ‘Practical Risk Management’ for Sponsors:**

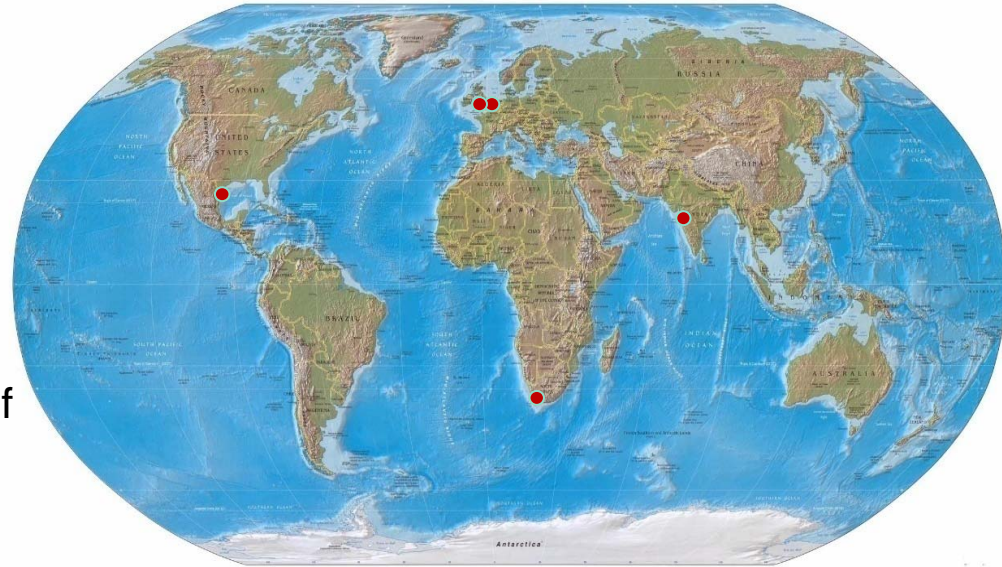
- Induction course
- Advanced course

## ➤ **Establishing partnerships with universities in:**

- Europe – Delft University, Netherlands
- USA – Rice University, Houston, Tx
- RSA – Stellenbosch University, RSA
- UK – Queen Mary College, University of London, England
- India – Indian Institute of Technology, Mumbai

## ➤ **Programme roll-out in 2009:**

- Then Semi-annually in each geographic location



# Agenda Item 6 – Education & Training

## The Six Stages of a Project

- Both the induction and advanced courses will be designed around the six stages of a project:
  1. Invitation to Bid, Proposal Preparation and Submission;
  2. Contract Negotiation and Award
  3. Contract/Project EPC Implementation and Administration through Mechanical Completion;
  4. Project Pre-commissioning, Start-Up, Commissioning and Performance Demonstration;
  5. Project Close-Out and Warranty Administration;
  6. Change Management throughout the Project cycle.

# Agenda Item 6 – Education & Training

## The Induction Course Benefits

- **A basic awareness of risk in the global engineering & construction industry, both project and enterprise;**
- **An understanding of the paramount importance of a formalized and integrated risk management process including the key issues to be addressed by such process;**
- **A basic understanding of the methodology of risk management application and the available risk management tools;**
- **A basic understanding of the practice of risk management through each of the six stages of a project;**
- **An awareness of the role ECRI can play in all of the foregoing through the ECRI Practices and Procedures.**

# Agenda Item 6 – Education & Training

## The Advanced Course Benefits

- **A more detailed understanding of all the issues addressed in the Induction Course;**
- **An understanding of the current, state of the art and best practices risk management procedures, programmes and tools being utilized by world class E&C companies;**
- **An understanding of the practical application of all of the foregoing through cases studies in an inter-active work environment;**
- **An understanding of the risk-related roles played in project implementation by secondary stakeholders from the legal, insurance, bonding and financial communities.**

# Agenda Item 6 – Education & Training

## Proposed Timetable and Attendees

- **Both the Induction Course and the Advanced Course will be offered twice a year at each academic institution. Each course will be one full day.**
- **Class size will be limited to 30 max.**
- **Induction Course - Generalists, risk engineers and new hires across all disciplines with emphasis on younger members of Sponsors' organizations.**
- **Advanced Course - Project/Construction Managers, Risk Managers, Project Engineers, Commercial / Sales and Marketing, Contract Specialists including in-house lawyers, Finance/Insurance/Bonding personnel, Project Services/Controls, Procurement and Functional/ Discipline Managers.**

# Agenda Item 6 – Education & Training

## Current Status of Programme Development

- **Memorandum of Understanding for collaboration between ECRI and each of the academic institutions expected to be finalized within the next month.**
- **Pilot Programme to be launched at one of the academic institutions during the last quarter of 2009.**
- **Academic institution to be selected for the Pilot Programme immediately following signing of Memorandum of Understanding.**
- **Sponsor organization faculty to be selected to work with the academic institution on detailed curricula for both the induction and advanced courses for the Pilot Programme.**

# Agenda Item 6 – ECRI Website & Statistics

## ECRI Website & Statistics

# Agenda Item 6 - ECRI Website - Purpose

**The Purpose of the ECRI website is twofold :**

**1. To provide a Window on ECRI and its activities with the objective of Marketing the Organisation to potential new Sponsors**

**AND**

**2. To provide our Sponsors with Private Access to the information, notices, data bases and products of ECRI's work activities.**

# Agenda Item 6 - ECRI Website - Elements

- **Non-Exclusive Public Window on the ECRI:**
  - ECRI Background Summary
  - Its Global Reach
  - Founders and Sponsors Listing
  - The Benefits of Sponsorship
  - Synopsis of Practices and Procedures
  
- **Exclusive Private Data Provision for Sponsors:**
  - Practices and Procedures
  - Reference Directories and Data Bank
  - Records of ECRI's Activities
  - News – “Early Warning System”

# Agenda Item 6 - ECRI Website / Data Bank

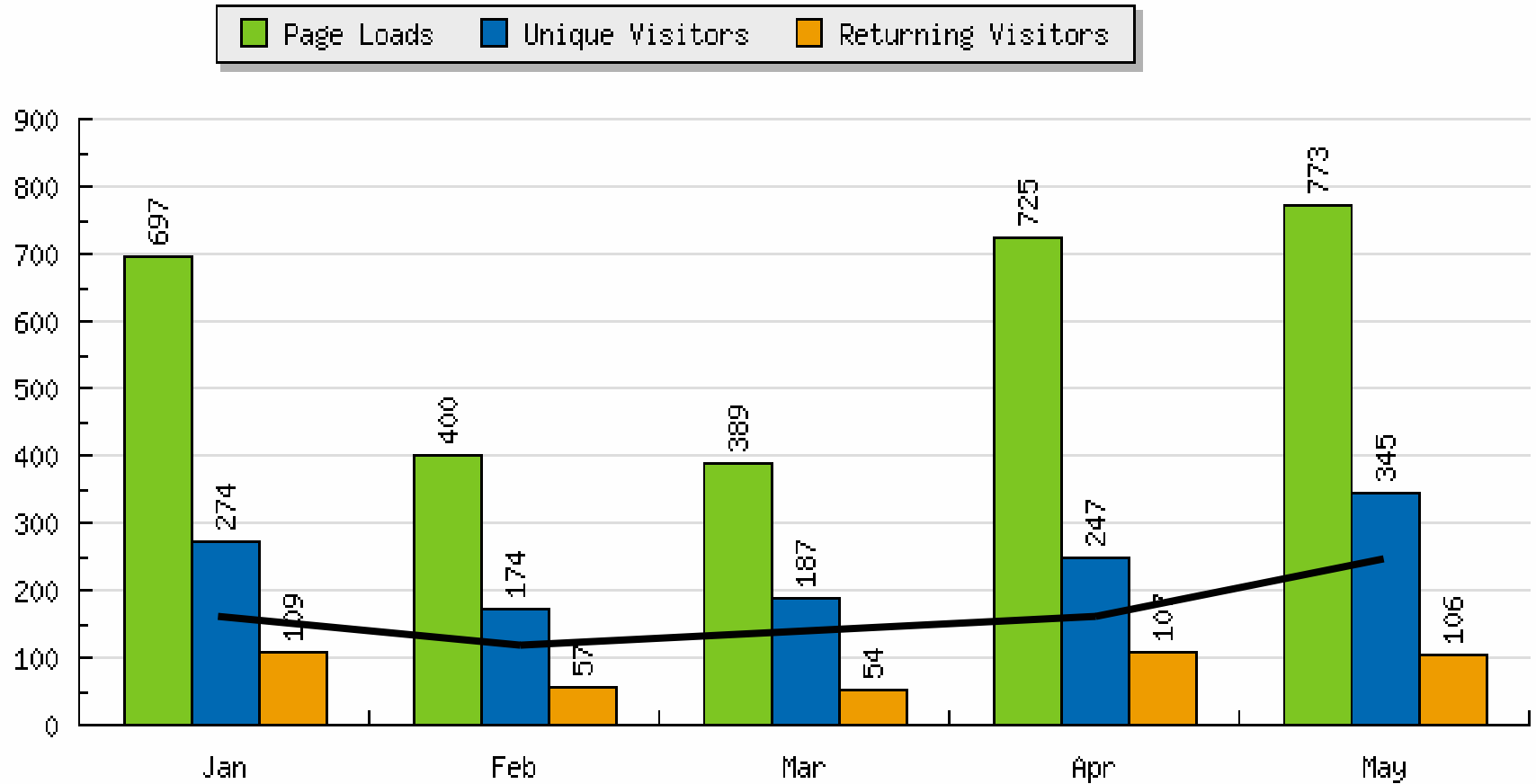
## ➤ **ECRI website provides:**

- **Industry Profitability / Sponsor Statistics**
- **Directory of Risk Organizations**
- **Risk Publications Library – Index**
- **Risk Manager’s Emerging Risk Bulletin Board**
- **Information on New / Emerging Risk Standards**
- **Calendar of Global Risk Events**
- **Directory of Risk Management Software**
- **Directory of Risk Management Consultants**
- **Risk related Links to Academia**
- **Suppliers Risk Management Processes**
- **Benchmarking against Peer Group**
- **Significant Company / Project Failures & Why ?**
- **Chat – Room Concept under review**

# Agenda Item 6 - ECRI Website – Recent Developments

- **Keyword Search Facility**
  - Just 2 clicks to the target document / data
- **Increased Security**
  - New Usernames and Passwords
- **Uniform presentation**
  - Homogeneous font, style, layout
- **Risk News Bulletin**
  - Easy-access Notice Board for emerging items

# Agenda Item 6 - Website Traffic Analysis

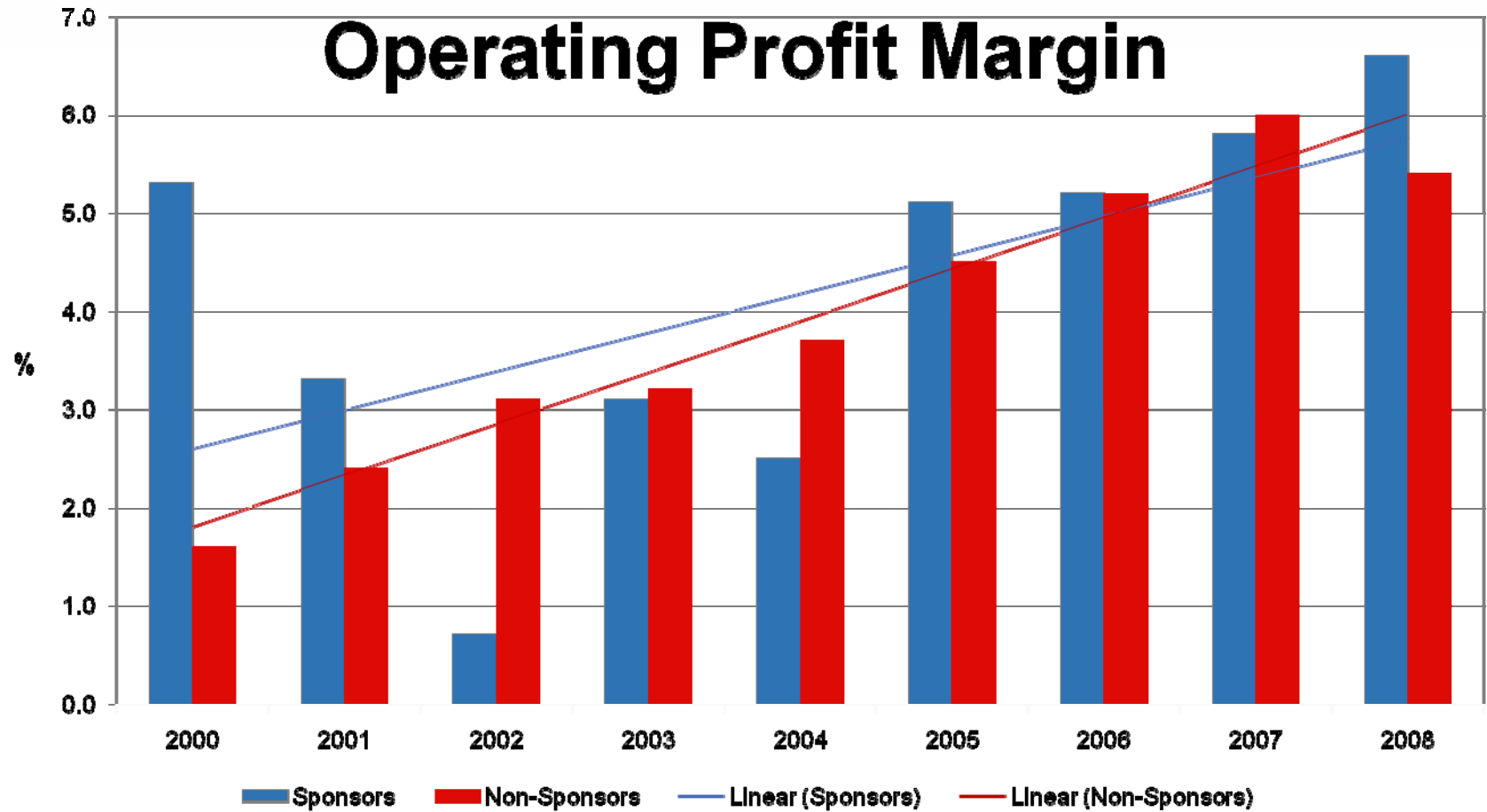


— = new visitors

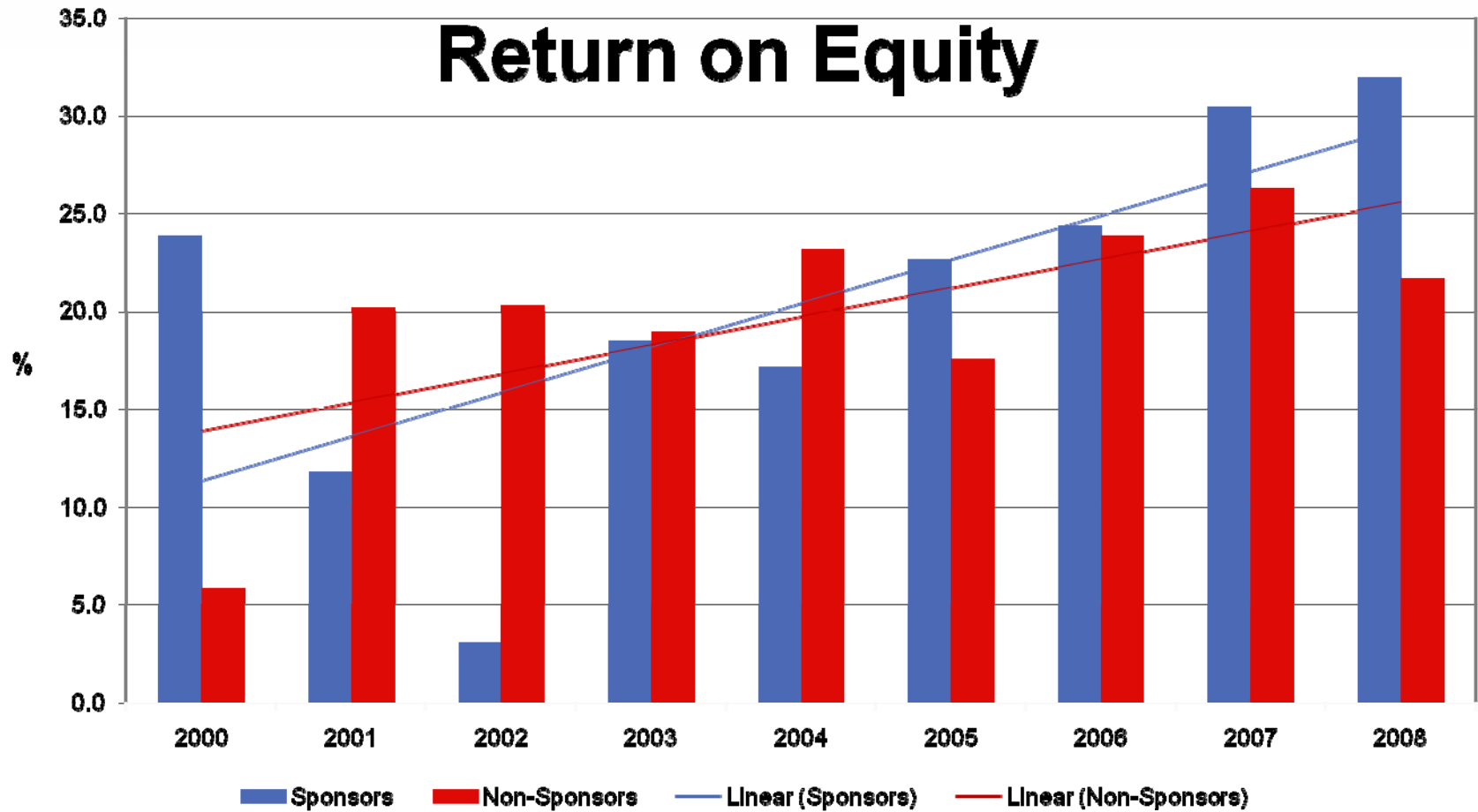
# Agenda Item 6 - ECRI Website - Future

- **Short Video of Introduction / Animation**
- **Clearer, Easier to use and More Friendly Format**
- **Directors and Officers Profiles**
- **The ECRI Organisation**
- **Practices and Procedures**
- **News, Events and Emerging Risks**
- **Risk-Related Presentations**
- **Education and Training**
- **Reference Data Bank**
- **Review / Audit**

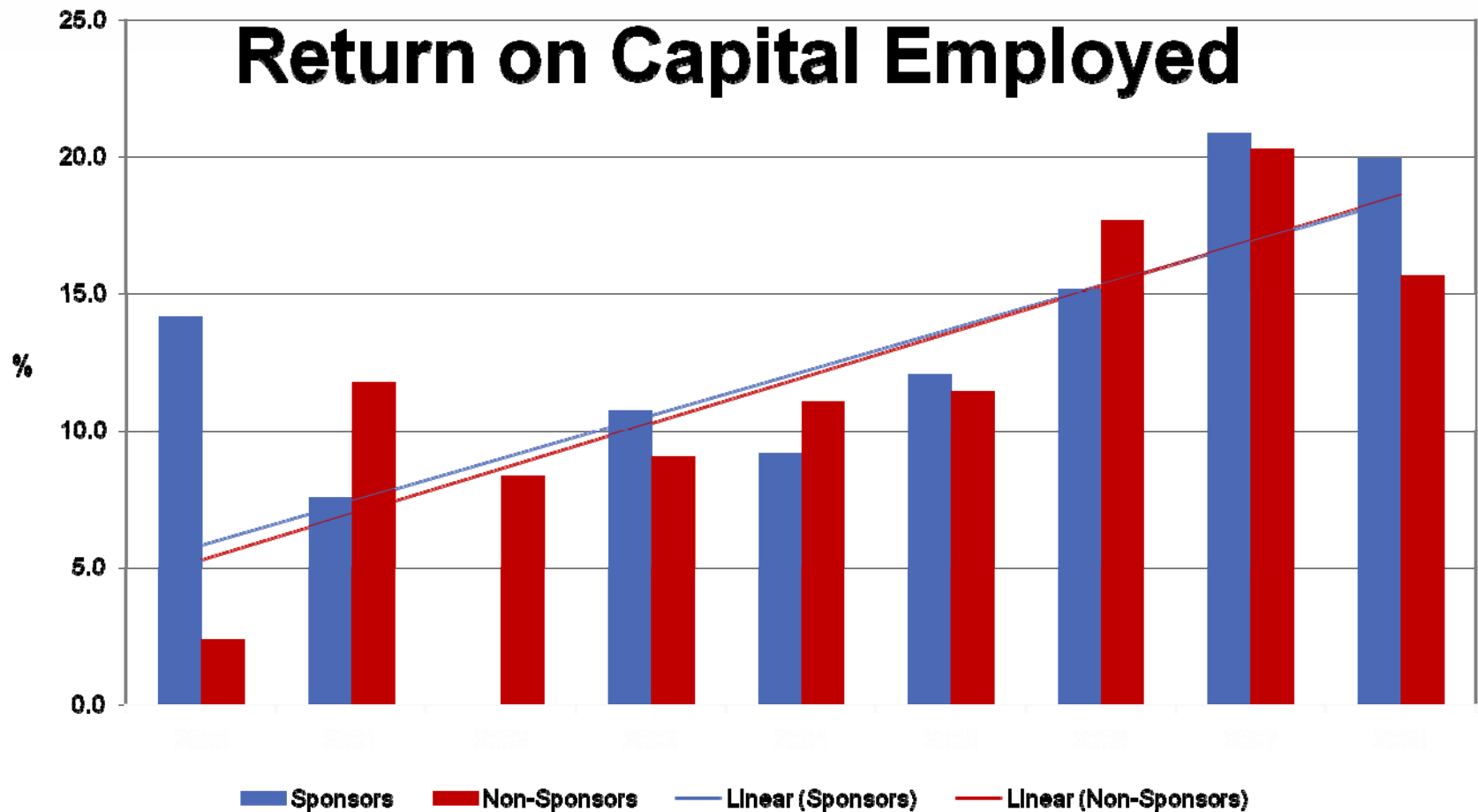
# Agenda Item 6 - Profitability Statistics 1



# Agenda Item 6 - Profitability Statistics 2



# Agenda Item 6 - Profitability Statistics 3



The logo is contained within a light blue square with a faint grid pattern. The text 'ECRI' is in a large, bold, blue sans-serif font. Below it, 'ENGINEERING & CONSTRUCTION RISK INSTITUTE' is written in a smaller, bold, black sans-serif font, stacked across three lines.

**ECRI**

**ENGINEERING &  
CONSTRUCTION  
RISK INSTITUTE**

[www.ecrionline.org](http://www.ecrionline.org)

*ECRI* ENGINEERING &  
CONSTRUCTION  
RISK INSTITUTE