

A Brief Overview of ECRI

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An initiative of the
World Economic Forum



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President and Managing Director
ECRI

ECRI
ENGINEERING &
CONSTRUCTION
RISK INSTITUTE

WWW.ECRIONLINE.ORG

“Raising the Bar in Risk Management”

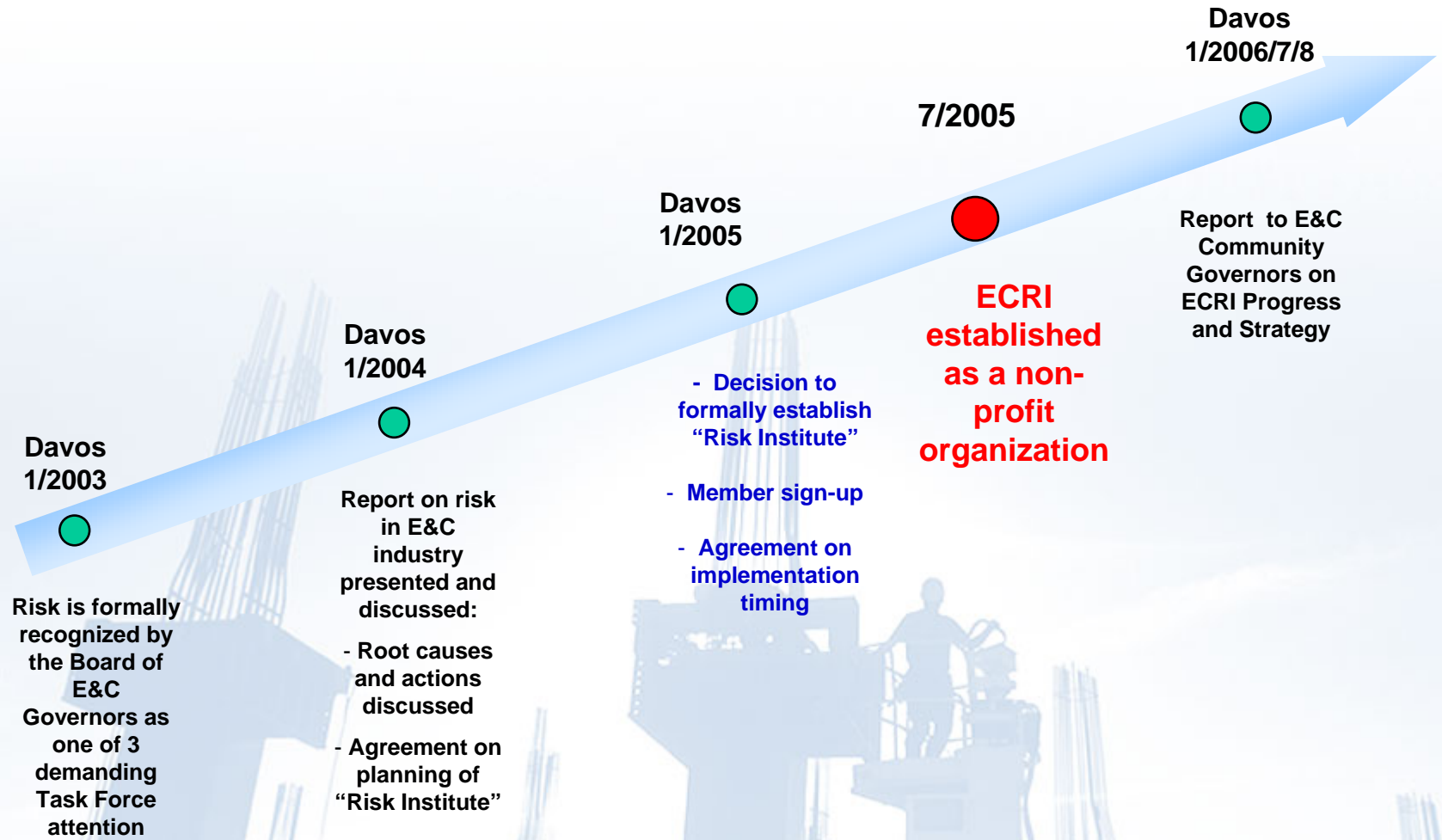


ECRI – Who we are

- **ECRI is an Organisation or Industry Body involved in education with respect to the identification and management of risk in the Engineering & Construction Industry**
- **ECRI is impartial and does not dictate or recommend the risk management practices and processes of any specific company**



ECRI – How did it all get started





ECRI – What we are

- **The Engineering & Construction Risk Institute Inc. (“ECRI “) was incorporated in July 2005 as a legal entity organised and existing under the laws of the District of Columbia, USA as a not-for-profit Corporation**
- **ECRI is an independent organisation with legal authority vested in the Board of Directors – and governed by the normal Company Articles of Association and Charter**



ECRI – Our Sponsors

36 World-Class Companies

-
- **CH2M Hill**
 - **Lahoud Engineering**
 - **Heijmans**
 - **Godrej**
 - **Peremba Group**
 - **Aveng**
 - **CCC**
 - **SNC-Lavalin**
 - **Group Five**
 - **KBR**
 - **Bechtel**
 - **MANFerrostaal**
 - **Larsen & Toubro**
 - **Bateman Engineering**
 - **Shaw E&C**
 - **Petrofac**
 - **Parsons Brinkerhoff**
 - **Lurgi**
 - **IMPESA**
 - **URS / Washington Division**
 - **Fluor**
 - **Skanska**
 - **Hochtief**
 - **Hindustan Construction**
 - **Obayashi**
 - **Murray & Roberts**
 - **Karl Steiner**
 - **AMEC**
 - **Saipem**
 - **ICA**
 - **Inelectra**
 - **Litwin**
 - **Foster Wheeler**
 - **Basil Read Construction**
 - **Kentz**
 - **Tecnicas Reunidas**



ECRI – Our vision

- **“ To institutionalise sound risk management in the Engineering & Construction Industry with the objective of improving the performance and predictability of large capital projects, consequently enhancing the long term health of the E&C community and the value added to its Clients “**



ECRI – What we are

- ✓ **Working closely with the World Economic Forum**



ECRI – What we do

➤ We have Five Core Operational Work Fronts & Activities:

- Research & Data Bank
- Practices & Procedures

Client and Industry Outreach

- Review & Audit
- Education & Training





Client / Industry Outreach and Events

- **Global E&C Forum, Rice in US, 8/9th. September**
- **ECI Risk Education Forum, London, 30th. September**
- **Joint Forum with WEF in US, 2nd.October**
- **PMI Risk SIG Forum, France, 4/5th. November**
- **Risk Forum in Mumbai, India, 12/13th. November**
- **Meeting with Shell, 20th November**
- **E/A/ME, E&C Risk Group Mtg, London, 2nd. Dec**
- **Year-End Sponsors / Client Mtg, Essen, 4/5th. Dec**
- **Meeting with RSA Client(s), February '09**



ECRI – Practices and Procedures

➤ Sponsor Global Task Teams as “Deliverables” Development

Risk Quantification	Terms and Conditions	Project Finance/ Development	Risk Financing
Risk Event Contingency	Contract Critical Issues Impacts on Project Execution Model Contracts	Development Risks Project Screening	Insurance Bonding Project Securitisation
Risk Management Best Practices	Change Management	Joint Ventures	Risk Based Audits
Risk Management Process Risk Identification Risk Breakdown Structure Risk Process Coordination	Change Impact Assessment Change Management	JV Formation JV Risk Allocation/ Methodology	Risk Process Audit Project Risk Audit

➤ All available on Private Website



ECRI – Education & Training

➤ Developing programme of courses in practical E&C Risk Management' for Sponsors personnel:

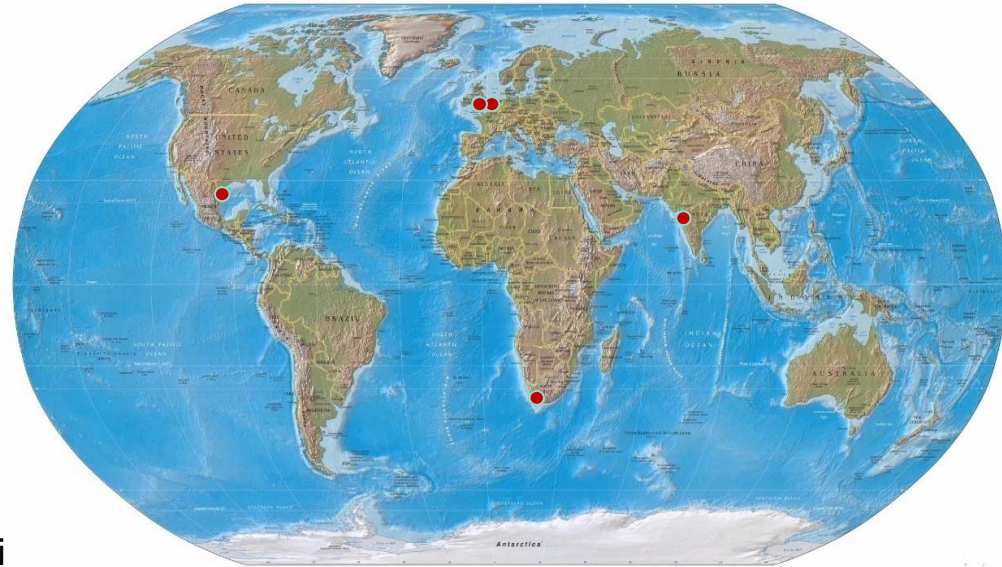
- Introductory level
- Advanced level

➤ Establishing partnerships with universities in:

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

➤ Programme roll-out in 2009:

- Semi-annually in each geographic location





ECRI – Our Other Activities

- **Liaison with Academia and other industry bodies such as ISO, BSI, DNV, PMI, CII, ECI, AMP and IRM**
- **Identify and publicise Emerging Risks**
- **Work with Insurance / Bonding / Legal/ Finance Industries and Consulting community**
- **Regional and Global Risk Meetings, Forums and Workshops for Sponsors**
- **Benchmark Sponsors RM processes against peer group and Best Industry Practices**
- **Work with our Client Community on Optimising Risk Allocation**



ECRI

At ECRI – We are raising the Bar in Risk Management



Thank You



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