



INNOVATION
AWARDS
WINNERS
2010

A Prestigious Program Honouring Innovation

A Long-Established Program

JECComposites' role in detecting and promoting innovation has been established over 12 editions of the JECComposites Innovation Awards program, honouring innovative products and processes from all aspects of the global composites industry.

Geated in 1998, the goals of this top-level innovation program are to:

- identify, promote, and reward the most innovative composite solutions worldwide;
- encourage companies that are involved in composite innovation along with their partners, and also enhance their public exposure;
- contribute to the advancement of the composite industry.

A Worldwide Competition

JECInnovation Program is a worldwide competition including 5 programs:

- JECParis Innovation Award, during JECShow Paris since 1998
- JECCEChina Award in partnership with China Composites Expo since 2005
- JECAsia Innovation Award, during JECShow Asia since 2008
- JECICRP India Award in partnership with the FRP Institute of India since 2008
- The JECEnvironment Students Award with SAMPE since 2009

An International Recognition from the Global Composite Community

There are multiple benefits for the innovations that are chosen. JECComposites' comprehensive communication plan includes press releases, magazine articles and website content on the program and its entries. The number of our press partners is growing, and international trade magazines give broad coverage of the program. JECComposites networks with 1,200 trade magazines worldwide – we generally spot more than a hundred articles about the innovations each year. All in all, the companies chosen and their partners benefit from:

- greater prominence on the international scene;
- international recognition and greater public exposure;
- access to business opportunities and potential partners;
- business growth;
- customer confidence.



2010 Winners

Pipes



Fuji Resin Co. Ltd.



Innovation: Sophisticated anti-corrosion technologies using a very special composite system:

Partners:

Mitsubishi Heavy Industries  (Japan), Toshiba  and Hitachi 

Chemical-resistant thermosetting resins such as vinyl ester, phenolic and epoxy resins are used with glass fibres, glass flakes and fillers as raw materials. A special processing technology is applied with unique know-how.

The composite lining replaces other materials like lead (heavy metal) or glass (brittle).

The composite solution has a very long life and is highly corrosion- and abrasion-resistant. For example, Fuji Resin's composite product, Fuji Chemeq 10 (phenolic resin and high chemical resistant grade fiber) has excellent resistance (i.e. 20 % Hydrochloric Acid (HCl) at 110° c or 70% Sulfuric Acid (H₂SO₄) at 110° c. Pipes and pipe-type equipments applied with Fuji Chemeq 10. Mitsubishi Heavy Industries Co are a big end-users of these pipes. In production for many years. High number of industrial references, particularly in energy.



JEC Show
COMPOSITES
PARIS

JEC Paris 2011 Innovation Award Program

Have you innovated lately?

Call for candidates

 **Deadline: November 4th 2010**

3 main benefits

Let the composite industry know by participating in the JEC Innovation Program! As a finalist or a winner, you will have your brand name linked to a prestigious innovation program that is recognised internationally.

At no charge, you will reap the benefits of public exposure:

- in the international trade press (more than 100 articles in 2010),
- in all the JEC Group media (magazine, website, e-letters),
- all year round, thanks to our comprehensive communication plan.

5 selection criteria

In the Innovation program, a composite innovation is defined as a new composite product or process or a new application in the composite sector that creates value and meets the following criteria:

- Technical excellence
- Benefits for end-users
- Chain of partners
- Originality
- Market openings

How to participate?

It only takes a few minutes to complete our convenient participation form online, and it is free!

Log on: www.jeccomposites.com/innovation
or email vesco@jeccomposites.com



Congratulations to Past Winners



Over the past 12 years, the JEC Innovation Programme has involved 1,153 companies worldwide. 153 companies and 373 partners have been rewarded for the excellence of their composite innovations, including 89 Asian companies:

Among them are the following companies:

AEROSPACE RESEARCH INSTITUTE OF MATERIALS AND PROCESSING TECHNOLOGY, ADS RAIL CO., LTD., ADVANCED COMPOSITE ENGINEERING GMBH, ADVANCED COMPOSITE PROGRAM (TI FAQ), AEROSPACE RESEARCH INSTITUTE OF MATERIALS AND PROCESSING TECHNOLOGY, AGRO-RESOURCES TECHNOLOGIES, ALenia AERONAUTICA SPA, AMPHITE AUSTRALIA PTY LTD, AYRES COMPOSITE PANELS, **B**ELJING BEI AN HE FRP PRODUCTS FACTORY, BEIJING COMPOSITE MATERIAL CO. LTD, BEIJING FRP AUTO PART CORP. LTD, BEIJING FRP AUTO PARTS CO. LTD, BEIJING TBY COMPOSITES INSTITUTE, BOYER SPORTS EQUIPMENT COMPANY LTD, USA (CO-EXHIBITOR WITH SHENZHEN LADA FRP PRODUCTS CO. LTD), BRECKNELL WILLIS & CO. LTD, CCELL POWER CO. LTD, CHANGSHOU DONGNAN PLASTIC COMPANY LTD, CHANGZHOU BAILONG 3-D COMPOSITE COMPANY LTD, CHONGQING INTERNATIONAL COMPOSITES CO., LTD, CHONGQING POLYCOMP INTERNATIONAL CORP, CN TECHNICS PVT. LTD, COATEMA COATING MACHINERY GMBH, COBRA INTERNATIONAL CO. LTD, CRCACS LTD, **D**DALLAN MARITIME AFFAIRS UNIVERSITY, DANYANG ZHONGYA GLASS FIBER COMPANY LTD, DESUN NANO CO. LTD, DIAMOND AIRCRAFT INDUSTRIES INC, DK COMPOSITES, DLR - THE GERMAN AEROSPACE RESEARCH CENTER, DONGIL TRANSPORTATION CO., LTD, DONGRUAN PHILIPS MEDICAL EQUIPMENT SYSTEM CORP. LTD, DSM COMPOSITE RESINS AG, DSM EURO RESINS, **E**AST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY, ENLIANG ENTERPRISE CO. LTD, **F**ENG CHIA UNIVERSITY FLEX PIPE SYSTEMS, FRP SERVICES & CO. LTD, FUJI CLEAN CO. LTD, FUJI RESIN CO., LTD, **G**ROUPE ORECA, GUANGZHOU SUNNY FRP CO. LTD, CURT AUSTRALIA, **H**HANKUK FIBER GLASS CO. LTD, HANKUK FIBER GLASS CO. LTD, HARBIN FRP INSTITUTE, HARBIN INDUSTRY UNIVERSITY, HAWKER DE

HAVILLAND AEROSPACE PTY CO. LTD, HENKEL CORPORATION, HOLST CENTRE, HUNISMAN ADVANCED MATERIALS, **I**NDIAN INSTITUTE OF TECHNOLOGY, JIANGSU JIUDING NEW MATERIALS COMPANY LTD, JIANGSU SHUANGLIANG COMPOSITES MATERIAL CO. LTD, JUSHI GROUP CO., LTD, **K**KINCO KOREA RAILROAD RESEARCH INSTITUTE, KURIMOTO PLASTICS CO. LTD, LIANYUNGANG ZHONGFU LIANZHONG COMPOSITES GROUP CO., LTD, LIANYUNGANG ZHONGFU LIANZHONG COMPOSITES GROUP CORPORATION, **M**MARSHAL INDUSTRIAL CORP., MODERN ENGINEERING PLASTICS PVT. LTD (MEPL), **N**NATIONAL INSTITUTE FOR RURAL ENGINEERING, NATIONAL NET WU AN HIGH MOULDAGE INSTITUTE, NATIONAL TSIINGHUA UNIVERSITY, **N**GN COMPOSITES, NORTH WESTERN POLYTECHNICAL UNIVERSITY - SHENZHEN RESEARCH INSTITUTE, **Q**QINGDAO LONGTECH MACHINERY CO., LTD, **R**REGINA GLASS FIBRE PTY LTD, RESEARCH DESIGNS & STANDARDS ORGANIZATION (RDSO), RHODIA (CHINA) CO., LTD, SHANGHAI FRP RESEARCH INSTITUTE, SHANGHAI RUSSIA AND GOLD BASALT FIBER CO. LTD OF HENGLIAN GROUP, **S**SHENZHEN HAI SIBI BOAT DEVELOPMENT COMPANY LTD, SHENZHEN LADA FRP PRODUCTS CO. LTD, SHENZHEN TIGER COMPOSITE TECH COMPANY LTD, SINOMATECH JIA SHAN FIBER GLASS INC, **T**TECHNOLOGY INFORMATION FORECASTING AND ASSESSMENT COUNCIL (TI FAQ), TEXTLINK COMPOSITECH (DONGGUAN) CO. LTD, TEXTILE COLLEGE OF DONGHUA UNIVERSITY OF SHANGHAI, TUNG HSING TECHNOLOGY CORPORATION, **W**WUHAN UNIVERSITY OF TECHNOLOGY, SCHOOL OF MATERIALS SCIENCE AND ENGINEERING, WUXI ANHEI ADVANCED FIBER MATERIALS TECHNOLOGIES, LTD, **X**XI'AN AEROSPACE COMPOSITE MATERIALS RESEARCH INSTITUTE, XI'AN AEROSPACE COMPOSITES RESEARCH INSTITUTE, XI'AN SUPER CYBER SCIENCE & TECH CORP. LTD

