

The background of the entire page is a low-angle, upward-looking photograph of industrial equipment. In the foreground, a large, clear, cylindrical lens or component is mounted on a black rod. Above it, a rectangular metal housing with a glowing white light panel is suspended. To the right, another similar unit is partially visible. The lighting is dramatic, with strong blue and purple hues, creating a high-tech, industrial atmosphere.

RADTECH
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EUROPE

RadTech Europe:

Promoting & Developing UV & EB Technology
in European Industry

RadTech Europe members

"RTE greatly advances the UV & EB industry by bringing together the latest technology, information and decision-makers so critical in addressing the pressing issues and challenges of the current business environment."

"Participating in RTE events, such as the biennial Conference & Exhibition, allows me to perform my job better. The technical content of the presentations is excellent, and I am able to do valuable networking."

"Working with national HSE entities through our membership in RTE enabled our company to give its valuable input into the drafting of the UV Protocol. RTE represented the interests of the industry by ensuring that the best practises of the technology prevailed."

Commercial segments in which UV & EB technology is used:

- Graphic Arts
- Packaging
- Furniture & Flooring
- Fibre Optics
- Electronics
- Architectural Components / Building Panels
- Communications
- Automotive Components
- Medical Supplies & Cosmetics

RadTech Europe's origins

Established in May 1988 in Basel, Switzerland, RadTech Europe (RTE) sprang from the success of three European Radcure Conferences held in Switzerland and Germany between 1983-1987, meeting the industry demand for conferences, seminars and publications. Registered as a non-profit organisation in Brussels, RTE has operated with its head office in The Hague, the Netherlands since 1999 under the management of Lejeune Association Management.

Membership today

RTE is the premier membership association of industry experts of UV & EB curing technology in Europe. Currently the Association numbers more than 300 members from over 25 European countries, embodying the scope and expertise of the radiation curing industry. RTE is open for membership to those companies or individuals representing companies involved in the chain of radiation curing, from the substrate to be converted and the chemicals and equipment used, to the testing and promotion of products obtained through the application of the

environmentally-friendly technology. RTE's membership includes both public and private companies and organisations.

RadTech Europe's mission

The Association's aim is to serve the interests of the UV & EB curing industry by advancing the profile and use of radiation curing technology in Europe. This is achieved by promoting interaction and exchange among its members and the greater industry of UV/EB technology users and their related suppliers. RTE maintains an extensive network of radiation cure users and experts, communicates relevant information through its magazine, website, and other mediums, hosts conferences and educational seminars, manages committees and working groups to address important issues and research, and provides full-time administrative and logistical support from its headquarters in The Hague.

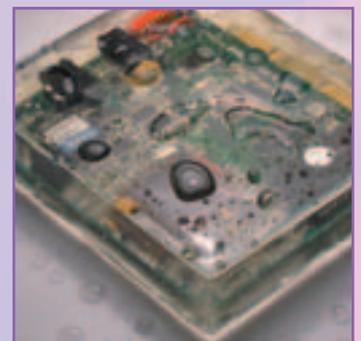
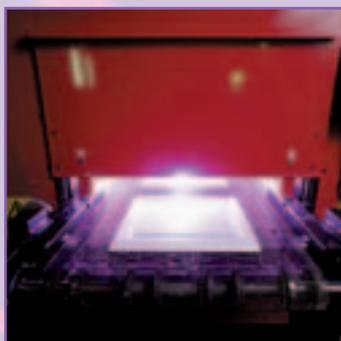
A main priority of the Association is to promote the use of radiation cure technology by communicating its benefits and its diversity of applications—both among its diverse membership base and within the greater sphere of industries in which the technology is used or could be utilised. To this end, RTE is routinely involved in identifying, researching and acting on issues relevant to the UV & EB industry, such as the harmonisation of standards and procedures for safety and optimal output of products, and the stimulation of R&D of radiation cure technology. The Association deals at European and international levels with public and private bodies of interest to its members with regard to technical, ecological, economic and social developments within the industry.

RadTech Europe's vision

UV & EB technology is already used in a wide variety and increasing number of industrial segments. RTE envisions UV/EB technology gaining still broader acceptance by authorities and increased implementation throughout European industry. The Association is confident that UV/EB technology will be recognised as one of the leading technologies for VOC reduction and economic development in the future.

Conferences & seminars

RTE's Conference & Exhibition takes place every second year and is the most significant European event solely dedicated to the topic of UV and EB curing. With participants from over 30 countries, this event provides a forum for the UV & EB industry to share and learn about cutting-edge developments, areas of application, and conditions and standards of use, as well as to meet with field experts, from suppliers and manufacturers to end-users. The increasing number of Conference & Exhibition participants since 1999 illustrates a continued high level of interest in UV/EB



techniques for various coating, adhesives and printing applications.

RTE organises special seminars in co-operation with national and international trade and technical organisations. In most European countries, these are held in the respective local languages.

RTE participates on behalf of its membership in various external forums,



conferences and exhibitions on a yearly basis. These include the World Trade Fair for Industrial & Automation Technology in Hannover, the European Coatings Show (ECS) in Nürnberg, the Oxyplast UV/EB Powder Coating Conference in Raamsdonkveer (NL) and the PIRA Conferences on Radiation Curing in Brussels and Ultra-thin Films & Nanocoatings in Vienna, to name a few.

Harmonising standards & safety procedures

On behalf of the radiation curing industry, RTE is active in developing and communicating standards and procedures on safe equipment operation and materials handling, testing and quality control.

UV Protocol

RTE facilitated the signing of the landmark UV Protocol for the coating and graphic arts industry by national legislative health, safety and environmental (HSE) bodies in Europe on 18th October 2005 at the RTE Conference & Exhibition in Barcelona. RTE is confident that this united European approach in the creation of a UV Protocol fosters safer, "cleaner" industrial workplaces, free of unfair competition caused by differing safety standards throughout Europe. The Protocol also prevents the proliferation of misinformation concerning UV technology by providing more succinct information on the technology, including its growing variety of applications.

EB Protocol

The EB Protocol was signed at a RTE-hosted EB Conference in Stuttgart/Ostfildern, Germany on 29th June 2006. Drafted and signed by national HSE bodies in Europe, along with producers of EB units for the

graphic arts industry, the landmark EB Protocol is a pan-European harmonisation of measures improving conditions for the application of EB technology within Europe's printing and coating industry.

Uvitech Project

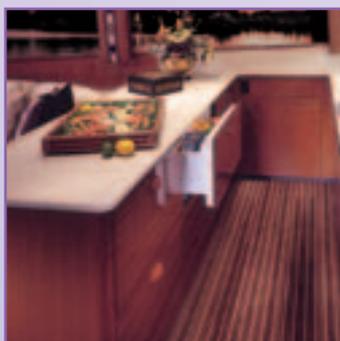
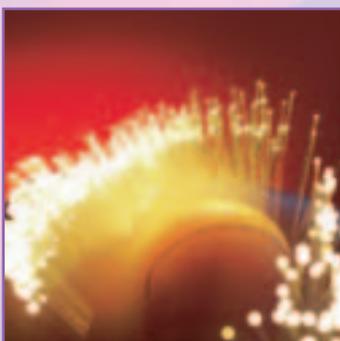
RTE initiated the **Uvitech Project** to produce a pan-European 'health and safety generic risk assessment' and an 'environmental generic impact assessment' of the use of UV curing printing technology. The Association brought together printing firms, research institutes and industrial partners within the framework of the European Commission's SME-focused CRAFT programme to generate official data with which to provide expert guidance on the safe introduction and use of UV curing technology within companies; to emphasise the economic, technical, and health and safety benefits of the technology; and to monitor the occupational exposure and environmental impact of the use of UV curing technology at the European level. The generic risk assessment protocols were presented at the 2005 RTE Conference & Exhibition.

Research & innovation

The Association works consistently on identifying, comparing and communicating the numerous advantages of radiation cure technology. In addition, RTE strives to stimulate and reward R&D in the industry by distributing the biennial RTE Awards for Innovation and the Paul Dufour Award.

RTE Awards for Innovation Competition

Open to all companies utilising UV/EB technology, the RTE Awards for Innovation Competition recognises and encourages innovative companies which manufacture products using radiation curing technology, while promoting the future development of UV & EB technology by highlighting its many benefits, including improved product quality, faster processing, extremely low VOC emissions, etc. The Competition consistently attracts a wide range of entrants from the European and world-wide radiation curing community.



Paul Dufour Award

The Paul Dufour Award, considered a UV/EB curing industry standard of excellence since it was first presented in 2003, is bestowed upon the most innovative of the papers presented at the biennial RTE Conference, which focuses on the impact of new materials and curing equipment on cutting-edge and existing market applications. These papers, usually numbering well over a hundred, cover various aspects of UV/EB curing technology and coatings application and are routinely of the highest scientific and technical standards.

Advocacy & co-operation with other bodies

The Association makes it a top priority to deliberate on issues of interest to suppliers and users the world over, and strives to find solutions to common problems at local, national and international levels. RTE continues to develop closer relationships with its counterpart associations, **RadTech North America** and **RadTech Asia**.

RTE endeavours to study the sustainable aspects of the radiation cure industry, to identify the major environmental and regulatory challenges the industry faces in the future, and to achieve effective representation as a body in public affairs pertaining to these issues.

The Association actively monitors UV & EB industry interests in such regulatory and public affairs issues as **EVIO** (Economical and Ecological Innovation Management) Projects, the **ERPC** (European Recovered Paper Council/European Declaration on Paper Recovery) and the **Mercury Ban**.

RTE strives to be of use to its members in the health and consumer protection arena by representing UV & EB stakeholders in legislative procedures effecting the EU regulation on food contact materials. RTE continues to explore areas of co-operation with the European Council of the Paint, Printing Ink and Artists' Colours Industry (**CEPE**) and is currently working in relation to Eco-label on selecting project partners to work toward a European standard on de-inking.

News & information

RTE serves as a reliable source of information on every aspect of UV & EB technology. The Association publishes its own magazine and maintains its website, radtech-europe.com, to keep the radiation cure industry connected to the latest news, issues, events and its members. **RadTech News**, published quarterly, is the industry's official magazine, keeping RTE members abreast of the latest goings-on within the UV & EB technology and market. Each issue of *RadTech News* includes the **HSE Regulatory**



Newsletter covering health, safety and environmental issues and the **RAD news supplement** which includes industry news and patent- and academic reviews. *RadTech News* is made available to RTE's membership in both print and digital form.

radtech-europe.com offers a well-balanced digest of the latest happenings within RTE and the UV/EB industry, including: news and events coverage; cutting-edge articles, papers and publications; a member database; networking and discussion forums; a calendar of events; and a variety of interesting downloads and links. Both *RadTech News* and radtech-europe.com offer companies attractive, industry-wide **advertising opportunities**.

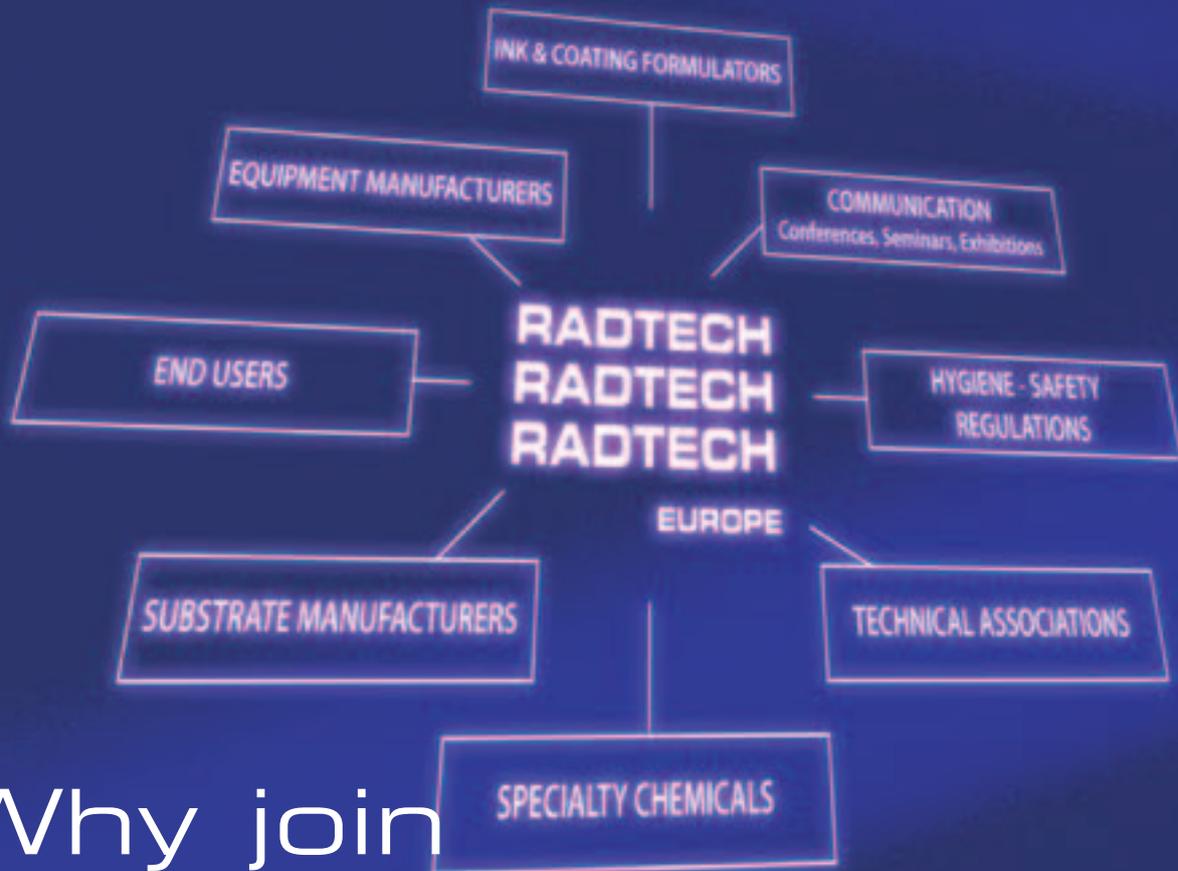
RadTech Europe's structure

RTE's mission is carried out by an elected **Management Committee** composed of at least 7 directors, representing several countries and various disciplines within the radiation curing industry in Europe. The MC meets at least 4 times a year to set goals and strategies, to guide and monitor the Association's activities and to manage its finances. The MC reports to RTE members at the annual General Assembly.

The MC is supported by 5 additional bodies: The Marketing Committee, the Health, Safety and Environment (HSE) Committee, Country Delegates, and two Working Groups: the Powder Coatings Working Group and the Graphic Arts Working Group.

Full-time logistical support is provided by RTE's **Secretariat** which resides in RTE's head office in The Hague under the management of Lejeune Association Management.





Why join RadTech Europe?

- Network with radiation cure users and field experts—all the key players of the UV & EB technology industry
- Benefit from vital information, co-operation and representation on issues of both international and European importance, such as harmonisation of health, safety and environmental standards and other critical regulatory affairs
- Learn the latest on radiation cure technology and industry developments at the biennial, international Conference & Seminar
- Enhance your technical and market knowledge at national and international RadTech seminars covering a range of subjects
- Enjoy industry representation at outside events in which RTE participates, such as forums, conferences and trade exhibitions
- Receive email flashes on breaking industry news and events
- Benefit from and participate in focussed committees and working groups
- Learn about and participate in developing standards and procedures on safe equipment operation, handling of materials, testing and quality control
- Receive RadTech News, RTE's quarterly magazine which includes the HSE Regulatory Newsletter on health, safety and environmental issues and the RAD news supplement with industry news and patent- and academic reviews
- Gain access to relevant, members-only information
- Expose your company or organisation to a wide audience by advertising in RadTech News and at radtech-europe.com
- Take advantage of full-time administrative and logistical support from RadTech's Secretariat
- Contribute to growing the market share of a winning technology.

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This brochure is produced in conjunction with the
RTE Marketing Committee, L.A.M., RTE members
and RT North America