

Editorial Board

Claes Ryttoft

Chief Technology Officer
Group R&D and Technology

Clarissa Haller

Head of Corporate Communications

Ron Popper

Head of Corporate Responsibility

Eero Jaaskela

Head of Group Account Management

Andreas Moglestue

Chief Editor, *ABB Review*
andreas.moglestue@ch.abb.com

Publisher

ABB Review is published by ABB Group R&D and Technology.

ABB Technology Ltd.

ABB Review

Affolternstrasse 44

CH-8050 Zürich

Switzerland

ABB Review is published four times a year in English, French, German, Spanish, Chinese and Russian. *ABB Review* is free of charge to those with an interest in ABB's technology and objectives. For a subscription, please contact your nearest ABB representative or subscribe online at www.abb.com/abbreview

Partial reprints or reproductions are permitted subject to full acknowledgement. Complete reprints require the publisher's written consent.

Publisher and copyright ©2011

ABB Technology Ltd.

Zürich/Switzerland

Printer

Vorarlberger Verlagsanstalt GmbH

AT-6850 Dornbirn/Austria

Layout

DAVILLA AG

Zürich/Switzerland

Disclaimer

The information contained herein reflects the views of the authors and is for informational purposes only. Readers should not act upon the information contained herein without seeking professional advice. We make publications available with the understanding that the authors are not rendering technical or other professional advice or opinions on specific facts or matters and assume no liability whatsoever in connection with their use. The companies of the ABB Group do not make any warranty or guarantee, or promise, expressed or implied, concerning the content or accuracy of the views expressed herein.

ISSN: 1013-3119

www.abb.com/abbreview



Preview 1112

Innovation at large

Innovation is the lifeblood of progress. In ABB's research centers across the globe, more than 6,000 scientists and engineers are creating the technologies that will shape the world of tomorrow. In addition to this, ABB collaborates with about 70 universities worldwide, sharing its knowledge with tomorrow's researchers while permitting them to contribute to exciting developments of today.

Every year, the first edition of the year is dedicated to innovation. Its articles look at individual innovations while the overall spirit of the journal is dedicated to innovation itself.

Some of the articles will look at recent or approaching product launches for products selected because of their ground-breaking and innovative nature. Others will look in a broader sense at leading edge technologies and developments.