



**News Release
For Immediate Release**

Day4 Energy, Roth & Rau and Alinement Announce Memorandum of Understanding (MOU) to Develop and Manufacture the Next Generation of PV Modules

- Roth & Rau & Day4 Energy to combine technologies to deliver the next generation solar PV cell, module and production system
- Alinement B.V., a prospective Day4 solarSYSTEMS partner in the Netherlands, is scheduled to commence operation in Q1 2012 with 80MW of production capacity for this new technology
- Additional capacity to 500MW is planned for the Netherlands and up to 2.5GW globally

Hohenstein-Ernstthal and Burnaby, BC, November 12, 2010 - Roth & Rau AG (RRAUF.PK), a leading global provider of solar cell production equipment and technology and Day4 Energy Inc. (TSX: DFE), a leading global provider of solar photovoltaic (PV) products and solutions, today announced a tri-party Memorandum of Understanding (MOU) with , Alinement B.V. ("ABV"), a prospective Day4 solarSYSTEMS partner, to construct the first of its kind integrated manufacturing line for the production of PV cells and modules based on an industry leading technology combination developed by Roth & Rau and Day4 Energy.

With the objective of creating the next generation of crystalline silicon solar modules through increased cell efficiency and temperature performance, this collaboration will see Roth & Rau's PV cell and hetero-junction technology-based turnkey manufacturing line combined with Day4's advanced PV cell, module and production technologies. The recent acquisition of ACI eco-Tec by Day4 Energy makes this collaboration possible, and will ensure the delivery to ABV of an advanced PV technology superior in terms of both cost and performance.

ABV, a group of solar experts with a proven track record of bringing new products and production methods to market, has studied many options and selected Roth & Rau and Day4 Energy as their technology and equipment providers. The objective is to reduce costs and achieve the highest possible efficiency by minimizing production steps through the integration of wafer, cell and module production. The company has plans for 500MWp of manufacturing capacity in a single location in the Netherlands.

Roth & Rau has been developing hetero-junction technology for more than two years at their Switzerland Technology Centre in close collaboration with EPFL in Neuchatel. Hetero-junction technology solar cells offer an efficiency potential of more than 20% while delivering favorable manufacturing costs. At the recent EU PVSEC European Solar Conference held in Valencia, Roth & Rau presented results of 21% cell efficiency achieved at its Swiss Technology Centre. Having demonstrated the significant potential of hetero-junction technology, Roth & Rau is moving rapidly towards mass production.

Roth & Rau is excited about the potential of bringing together hetero-junction and Day 4 Energy's innovative contacting technology. This combination will further enhance the module efficiency of hetero-junction based solar cells, and lead to significant cost reductions in the cell process. Roth & Rau is currently the only equipment manufacturer to offer production systems for this highly promising cell technology.



“Aligning two of the best PV technologies available is important from a technical standpoint. However, equally important is that we are demonstrating a unique business approach, allowing our organizations to work together and create an industry breakthrough” says Dietmar Roth, CEO of Roth & Rau. “We are able to create advanced and highly efficient solar products, streamline production capabilities and provide manufacturers a pipeline of future technologies ensuring they continue to produce some of the most advanced solar products available on the market.”

The merger of these technologies is the latest demonstration of the Day4 Electrode performing its role as a next platform for future PV technologies. The proprietary and patented Day4 Electrode and Guardian Technology used in Day4 solarMODULES incorporate technological advantages over conventional crystalline PV module technology.

“Our collaboration with Roth & Rau to develop superior PV technology and modules marks a pivotal milestone for Day4 Energy.” says George Rubin, President of Day4 Energy. “To be recognized and chosen as the platform to deliver the next generation of PV products is a significant achievement, recognizing the growing strength of the Day4 brand.”

“The Day4 cell interconnection technology secures PV cell high efficiency at the *module* level and minimizes cell-to-module energy losses.” explains Professor Leonid B. Rubin, Day4 Energy’s Vice President & Chief Technology Officer. “In addition, Day4’s low temperature module production technology provides a unique opportunity to manufacture PV modules with temperature sensitive PV cells.”

“The combination of these two technologies, along with the necessary manufacturing equipment, all in an optimized package has the potential to produce one of the most efficient, lowest cost solar modules available in our industry. With Roth & Rau and Day4 Energy, we have a strong partnership in solar technology to bring costs down substantially through the application of state-of-the art technology” concluded Mr. Jac Hanssen, CEO of Alinement.

About Day4 Energy

Headquartered in Vancouver, Canada, Day4 Energy is a leading global provider of solar photovoltaic products and solutions. Active in the areas of research & design, manufacturing, technology licensing and all aspects of project management, Day4 Energy is enabling the growth of solar energy throughout the world. Day4 Energy recently completed the acquisition of solar equipment maker ACI eco-Tec. Day4 is listed on the Toronto Stock Exchange under the symbol “DFE”. For more information, please visit www.day4energy.com.

About Day4 solarSYSTEMS

An industry first, Day4 solarSYSTEMS is a program that enables businesses to manufacture, distribute and sell certified DAY4 branded solarMODULES in their local region. It’s a revolutionary approach – a turnkey manufacturing package that allows participants to swiftly establish a production facility and generate revenue growth. Launched in early 2010, Day4 solarSYSTEMS is a turnkey manufacturing program to expand the supply and market penetration of Day4 branded solar modules and increase the worldwide adoption of solar. To learn more, please visit www.day4solarsystems.com



About Roth & Rau AG

Founded in 1990 and based in Hohenstein-Ernstthal, Germany, Roth & Rau AG is one of the world's leading suppliers of production equipment and innovative production technologies for the photovoltaics industry. For over 10 years, Roth & Rau's focus has been providing antireflective coating systems and turnkey production lines for use in the manufacture of crystalline silicon solar cells. Further products include thermal processing systems also used in the manufacture of crystalline silicon solar cells, as well as coating systems and turnkey production lines for the manufacture of thin film solar modules.
www.roth-rau.de

About Alinement B.V. ("ABV")

ABV is a group of solar experts out of the Netherlands, leading an investment project for the design and construction of a large scale, state-of-the art integrated photovoltaic ("PV") plant to service the European market. The 80MW manufacturing facility is expected to be operational by the first quarter of 2012, with plans to gradually increase its production capacity through several expansion phases. In long-term cooperation with Day4 and Roth & Rau, ABV plans to reach an annual production capacity of 500MW in the Netherlands, and up to 2.5GW globally.

###

Investor & Media Relations Contacts

Roth & Rau

Prof. Dr. Silvia Roth
Vice President Sales & Marketing
An der Baumschule 6-8
09337 Hohenstein-Ernstthal
Germany
Fon: +49 (0) 37 23 / 66 85-0
Fax: +49 (0) 37 23 / 66 85-100
E-Mail: investor@roth-rau.de

Day4 Energy

Therese Hayes
Head, Corporate Development
Day4 Energy Inc.
(604) 345-6771
thayes@day4energy.com

Justin K Lacey
Director, Marketing
Day4 Energy Inc.
(604) 296-0449
jlacey@day4energy.com



Alinement BV

The Netherlands

Jac Hanssen

CEO-Alinement

+31611527818

Jac.hanssen@alinement.nl

Forward Looking Statements

This news release contains forward-looking information. These statements relate to future events or future performance and reflect management's current expectations and assumptions. A number of factors could cause actual events, performance or results to differ materially from the events, performance and results discussed in the forward-looking statements. These forward-looking statements are made as of the date hereof and the Company does not assume any obligation to update or revise them to reflect new events or circumstances.