

Nuremberg, June 8, 2018

Achema 2018, Hall 11, Booth C3

Siemens and Covestro strengthen strategic partnership as part of digitalization

Siemens AG and Covestro Deutschland AG have concluded a Joint Business Development Plan to provide further strategic reinforcement of their trust-based partnership of many years, particularly in the field of digitalization. This is based on the corporate ethos of the two companies which is both innovative and geared towards sustainability. The agreement therefore helps make life simpler and safer through continuous improvement and future-oriented products.

The variety of topics is exceptionally broad and extends from the continuous development of production technologies, to piloting new ideas which contribute to shaping the digital landscape of both companies.

Dr. Klaus Schäfer, Chief Technology Officer, Member of the Executive Board, Covestro Deutschland AG: "This collaboration with Siemens generates added value for both companies. We are combining the innovative forces of both companies to extend our lead in this time of rapid development."

One focal point of the collaboration is to increase the availability of all assets in a plant and to give personnel on site quick and meaningful decision-making tools for their work. The objective is to make the plants more reliable through proven products and innovative services and to be able to predict developments in the condition of a plant's assets more reliably.

New analytical methods are now available through the use of Siemens' open, cloud-based IoT operating system, MindSphere. Significant data and measured values are collated on this platform, put into a meaningful context, and intelligently linked in data models. Smart data applications provide support for both operation and

maintenance. They enable potential asset or component defects to be predicted, as well as helping to minimize plant downtime. New options are available through Siemens' data analytics and simulation methods. On this basis, the partnership will examine various applications and evaluate, for instance, the benefit to be gained from correlating data for production.

Eckard Eberle, CEO of the Business Unit Process Automation, Siemens AG: "I am very pleased with this new stage of our concerted collaboration with Covestro Deutschland AG. By exchanging expertise, we can support plant operations and maintenance with the right information at the right time, particularly with smart data for production, plant equipment and instrumentation."

Siemens is developing predictive process data models for manufacturing which, among other things, minimize breakdowns; other developments include mobile devices for use in the field, and software solutions which can communicate with process technology and control and management systems. Further to this, Covestro Deutschland AG is introducing its process technology and production expertise to generate joint marketing solutions.



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This press release and a press picture are available at

www.siemens.com/press/PR2018060203PDEN

For further information on Siemens at Achema 2018, please see

www.siemens.com/achema and www.siemens.com/press/achema2018

For further information on Covestro, please see

www.covestro.com

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Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. With its publicly listed subsidiary Siemens Healthineers AG, the company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83.0 billion and net income of €6.2 billion. At the end of September 2017, the company had around 377,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

About Covestro:

With 2017 sales of EUR 14.1 billion, Covestro is among the world's largest polymer companies. Business activities are focused on the manufacture of high-tech polymer materials and the development of innovative solutions for products used in many areas of daily life. The main segments served are the automotive, construction, wood processing and furniture, and electrical and electronics industries. Other sectors include sports and leisure, cosmetics, health and the chemical industry itself. Covestro has 30 production sites worldwide and employs approximately 16,200 people (calculated as full-time equivalents) at the end of 2017. Further information is available at www.covestro.com