

Media release

Additive manufacturing partnership

# Oerlikon joins America Makes to grow additive manufacturing business in partnership with thought leaders and industry experts

Pfäffikon, Schwyz, Switzerland – June 16, 2016 – Oerlikon announced today that it has joined America Makes, the US National Additive Manufacturing Innovation Institute. America Makes opens up significant opportunities for Oerlikon to partner with industry leaders and experts, and to be at the forefront of materials testing and research in the areas of additive manufacturing (AM) and 3-D printing (3DP).

Through this partnership with America Makes, Oerlikon becomes part of a network of leading organizations from academia, government, non-governmental agencies and industry, all of which are working together to innovate and accelerate the research, application and adoption of AM and 3DP. As a member of America Makes, Oerlikon will be able to leverage this expert network and gain valuable expertise to strengthen its own AM activities and reinforce its foothold in the AM and 3DP areas. America Makes' AM technology roadmap addresses five specific technical areas: design, material, processing, value chain and AM genome.

AM is increasingly recognized as a promising breakthrough in manufacturing. It delivers many benefits compared to traditional production methods, as it allows customized and complex shapes to be created with existing or new materials. In doing so, AM can lead to performance gains and more cost- and material-effective methods in manufacturing.

Oerlikon's strategic aim is to strengthen its leading offerings in surface solutions, advanced materials, components engineering and manufacturing technologies. AM is a promising technology for Oerlikon to provide customers with innovative solutions that enhance their products, for example with new material properties. Today, Oerlikon already offers a product portfolio of innovative powders optimized for laser-based and electron beam AM processes. With the AM industry at an early stage, Oerlikon sees great opportunities to be an early mover by working together with other leading players to develop next-generation materials, solutions for post-processing of components and services for AM production.

Dr. Roland Fischer, CEO of the Oerlikon Group, said: "We are seeing a growing demand for lighter materials, more durable properties and increased performance. AM has great potential to satisfy these requirements. At Oerlikon, we are ideally positioned to offer the unique combination of strong and established technology leadership in surface coatings, an extensive worldwide network of service centers, and the technological skills and product portfolio in metal powders from Oerlikon Metco. We look forward to being part of America Makes and working together with other leading industry experts to develop AM technologies and applications."

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For further information, please contact: Nicolas Weidmann Head of Group Communications Tel. +41 58 360 96 02 Fax +41 58 360 98 02 pr@oerlikon.com www.oerlikon.com

Andreas Schwarzwälder Head of Investor Relations Tel. +41 58 360 96 22 Fax +41 58 360 98 22 ir@oerlikon.com www.oerlikon.com

## About Oerlikon

Oerlikon (SIX: OERL) is a leading global technology Group, with a clear strategy of becoming a global powerhouse in surface solutions, advanced materials and materials processing. The Group is committed to investing in value-bringing technologies that provide customers with lighter, more durable materials that are able to increase performance, improve efficiency and reduce the use of scarce resources. A Swiss company with over 100 years of tradition, Oerlikon has a global footprint of over 13 500 employees at more than 170 locations in 37 countries and sales of CHF 2.7 billion in 2015. The company invested CHF 103 million in R&D in 2015 and has over 1 350 specialists developing innovative and customer-oriented products and services.

### About America Makes

America Makes is the US National Additive Manufacturing Innovation Institute. As the national accelerator for additive manufacturing (AM) and 3-D printing (3DP), America Makes is the leading US collaborative partner in AM and 3DP technology research, discovery, creation and innovation. Structured as a public-private partnership with member organizations from the industry, academia, the government, non-government agencies, and workforce and economic development resources, they work together with their partners to innovate and accelerate AM and 3DP to increase manufacturing competitiveness in the US. Based in Youngstown, Ohio, America Makes is the flagship institute of the National Network for Manufacturing Innovation (NNMI) infrastructure consisting of up to 45 manufacturing innovation institutes and is driven by the National Center for Defense Manufacturing and Machining (NCDMM). For more information about America Makes, visit americamakes.us

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OC Oerlikon Management AG, Pfäffikon Churerstrasse 120 PO Box CH-8808 Pfäffikon SZ Tel. +41 58 360 96 96 Fax +41 58 360 91 96 www.oerlikon.com



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