

## **Evonik optimizes supply chains with DHL Resilience360**

- **Analysis tool examines road and rail transport routes.**
- **Risk management strengthens resilience of supply chains and minimizes potential impact on operating business**

**Bonn/Marl, February 22, 2017:** Whether it's heavy rainfall, manufacturing issues or road closures – a variety of causes can disrupt supply chains and the flow of goods in a globalized world. The consequences can mean halted production, sales losses or damage to a company's image. In order to avoid such scenarios, the logistics arm of Evonik Technology & Infrastructure GmbH will work with the risk-management solution DHL Resilience 360 in the future. Representatives of Evonik and DHL have signed the respective contract in the Marl Chemical Park.

The risk-management solution Resilience360 provides real-time analysis of problems that vessels, trains or trucks can encounter along their transport routes after setting out from Evonik locations around the world. On this basis, the software proposes countermeasures – such as whether and how the supply chain's resources can be redistributed in order to minimize or completely avoid damage. For this purpose, the platform connects information regarding natural disasters and socio-political or other risks to Evonik's global production and distribution network. This is partly done by using heat maps, which visualize the locations where problems may occur on various routes. In this way, tracking potential dangers becomes much easier.

“Particularly in industries such as the chemicals sector, in which delicate products are transported, the security of the environment, employees and goods plays an important role,” says Tobias Larsson, Head of Resilience 360, DHL Customer Solutions & Innovation. “We are delighted to help Evonik with this in the future while reducing the costs and risks along the supply chain by providing our data and expertise.”

For Evonik, Resilience 360 means a further digitalization of its numerous logistics activities. “In doing so, we are continuing to take account of our responsibility for safely transporting chemical goods,” says Robert Schmidkunz, Head of Logistics Security, Evonik Technology & Infrastructure GmbH. “Through actively monitoring supply chains, Evonik is supporting the transport-risk analyses that have already been introduced successfully. With this tool, we are also contributing to the digitalization of our supply chain processes.”

From the Marl Chemical Park alone, approximately four million tons of products start their journey throughout the world every year – via vessel, train and truck. Evonik will primarily use Resilience 360 for evaluating potential dangers in road transport. The platform also serves as an early-warning system to guarantee a rapid response to unscheduled disruptions and to ensure that appropriate measures are implemented.

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You can find the press release for download as well as further information on <http://www.dpdhl.com/pressreleases> and <http://www.chemiepark-marl.de/cms/cpm/de/medien/aktuelle-pressemitteilungen>

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## **DHL – The logistics company for the world**

**DHL** is the leading global brand in the logistics industry. Our DHL family of divisions offer an unrivalled portfolio of logistics services ranging from national and international parcel delivery, e-commerce shipping and fulfillment solutions, international express, road, air and ocean transport to industrial supply chain management. With about 340,000 employees in more than 220 countries and territories worldwide, DHL connects people and businesses securely and reliably, enabling global trade flows. With specialized solutions for growth markets and industries including technology, life sciences and healthcare, energy, automotive and retail, a proven commitment to corporate responsibility and an unrivalled presence in developing markets, DHL is decisively positioned as “The logistics company for the world”.

DHL is part of Deutsche Post DHL Group. The Group generated revenues of more than 59 billion euros in 2015.

### **About Evonik**

Evonik, the creative industrial group from Germany, is one of the world’s leading specialty-chemicals companies and operates in the segments nutrition & care, resource efficiency, and performance materials. In the process, Evonik especially benefits from its innovative strength and integrated technology platforms. In the 2015 financial year, more than 33,500 employees generated sales of approximately €13.5 billion and an operating profit (adjusted EBITDA) of approximately €2.47 billion.

### **About Technology & Infrastructure**

As an integral part of Evonik Industries AG the Evonik Technology & Infrastructure GmbH supports customers on their growth course by providing reliable technology and infrastructure services in the areas of utilities and waste management, technical service, process technology and engineering, logistics, and site management. Customers from any Evonik site in the world can access the services and know-how of Technology & Infrastructure with around 7,900 employees. The company is part of Evonik’s Services Segment that, with around 12,700 employees, generated sales of €828 million in fiscal 2015.