

Press release

Digitalization of the energy sector is the only true financially viable way to achieve the Paris Climate Agreement objectives

- **Doubling the market share of renewables by 2030 would increase global GDP by over 1% or about \$1.3tn**
- **Renewable electricity new capacity increased to a record 138.5GW in 2016, accounting for 55.3% of all the gigawatts of new power generation added worldwide last year**
- **However, there is an investment gap over \$5 trillion in renewable energy globally in order to meet the goals of the Paris Climate Agreement**
- **Hamburg-based EnerTech company reports digitalization is the key to unlock investments in renewable energy by using the possibilities of Internet of Things (IoT) and big-data-analytics**

July 12, 2017 – Climate Change and the United States' exit from the Paris Climate Change Agreement were key discussion points during the recent G20 Summit, which took place this past weekend on 7th-8th July in the city of Hamburg (Germany). Despite this backdrop, renewable energy capacity has increased by more than any other technology and clean energy has never been in higher demand before.

The benefits of Digitalization

Kaiserwetter, an international service provider for renewable asset management headquartered in Hamburg, is urging the international community meeting in Hamburg to continue to make progress from the COP21 and COP22 advances in the global efforts to stop Global Warming. Its core message is that the renewable energy transition is only possible with the help of digitalization. Digitalization enables investors in the energy sector to maximize the return on investment and to minimize the risk of their renewable energy investments. Furthermore, it is the only true financially way to meet the objectives of the Paris Climate Agreement.

Kaiserwetter has shown the potential of digitalization with the launch of ARISTOTELES, a digital tool to watch and steer renewable energy portfolios from an executive level perspective. It is the first digital solution on the market that integrates the possibilities of Internet and Things (IoT), big data analytics, and digital infrastructure in the cloud by combining technical with financial data.

Clean energy is growing, bucking the trend of the energy sector as a whole

Since the 1990s, the clean energy sector as a whole has continued to grow year on year, a positive trend which contrasts with other energy sources like coal and nuclear in the electricity sector. In fact, investment in renewable is on the rise in the United States, increasing by almost 20% from 2014 to 2015. This impressive growth makes the US the world's second biggest investor in renewable energy, surpassed only by China.

A recent industry study found that doubling the market share of renewables by 2030 would increase global GDP by over 1% equating to about \$1.3tn.

However, more needs to be done to fulfil international commitments and goals

The possibility of achieving feasible return on investment in the renewables sector has certainly boosted investments in clean energy, but efforts must be increased in order to reach the goals of the Paris Climate Agreement. \$7.4 trillion is expected to be spent globally on new green energy facilities in the coming decades, leaving an investment gap of \$5.3 trillion to meet the goals of the Paris Climate Agreement.

Hanno Schoklitsch, CEO of Kaiserwetter, emphasizes: "the worldwide transformation towards renewable energies can only be achieved with the help of digitalization and the Internet of Things (IoT). The use of digital technology will be a major contribution to the COP22 commitment to finding a financially viable way of implementing the Paris Climate Agreement objectives in the near future. Investments in renewable energies, while using the IoT and big data analytics, offer unexpected opportunities of boosting the expansion of renewable energies on a global scale."

About Kaiserwetter Energy Asset Management

Founded in 2012, Kaiserwetter is an independent and international service provider that is dedicated to the management of renewable energy assets.

The company offers its specialized services to investors of renewable energies such as investment funds, financial institutions, utility companies, and Independent Power Producers. Its objective is to optimize the intrinsic value of any power generating asset capable of operating at a lower cost and risk; and to maximize profits in a sustainable manner in strict accordance with all regulatory constraints. Through these services, Kaiserwetter has positioned itself as a pioneer in the young renewable market. With branches in Madrid, Hamburg and Copenhagen and around 50 people employed, it is responsible for 498 MW of renewable power in Germany, Spain, France and Poland. Kaiserwetter just opened offices in New York and it is researching new ventures in North and South America.

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