

## PRESS RELEASE

**re:cap tracks the asset performance of its portfolios with an online monitoring solution from Nispera**

### **Renewable energies 4.0: re:cap global investors extends its asset management with big data features**

**Zug, 9 September 2019.** “Smart technology” for re:cap global investors ag: the internationally active asset manager for renewable energies is consolidating the technical monitoring and performance analysis of its portfolio of wind and solar installations in a new online monitoring solution. Previously, for the analysis of plant and production data it was necessary to monitor the portals of several manufacturers and service providers. With the new software from Swiss IT provider Nispera, re:cap now manages the data from all power generating installations in a single system. Facilitated combining, analysis and storage of operational data allow asset owners to operate the assets far more efficiently. The aim is to continuously improve the assets’ performance and maintenance through big data analyses and consequently increase the financial return of the wind farms and photovoltaic plants.

#### **Big data analysis improves system availability**

The main purpose of the technical upgrade is to better map the individual KPIs required by re:cap for the different types of generation, identify technical problems more quickly, help to reduce operating costs and thus increase the financial returns of the wind and solar installations. re:cap places a particular focus on all data related to plant availability. “We want to be able to immediately trace the causes of our plant downtimes or underperformance. In the past, we have been dependent on multiple source systems. Now, manual tasks for combining and analysing operational management reports are being digitised,” says Thomas Staudinger, COO at re:cap. “In future, we will be able to determine the performance attribution for our assets more effectively. This will help us to further optimise returns for our investors.”

The analysis of vast amounts of data also enables the use of predictive maintenance to reduce asset downtimes to a minimum by identifying problems as they arise. For example, if the sensors report an abnormal rise in temperature in the system, this can potentially be a warning sign for impending problems.

In addition, the new software makes it possible to compare assets of a particular type at one location with other assets of the same design at other locations. Thus low performers can be distinguished from outperformers and the insights be drawn on for the further allocation of portfolios.

“We are continuously expanding our international portfolio of power generating installations. Therefore we need software that makes the resulting flood of data manageable and has the capacity to standardise all available technical information for us,” says Staudinger. “In Nispera, we have found a partner that not only provides an excellent digital solution for monitoring the performance of our assets, but also has the right hands-on mentality to respond swiftly to changing market requirements.”

“With today’s modern software, it’s possible to do more than just manage assets. Data analysis methods and machine learning also allow for significant improvements to be made in technical and operational management,” says Nispera CEO Gianmarco Pizza. “re:cap is among the innovative energy asset managers in Europe and we look forward to supporting their growth and further refining our software solution through practical application.”

re:cap global investors ag set up its third renewable energies fund in January 2019. “RE Infrastructure Opportunities” was structured especially to attract institutional investors. The core investments concentrate on wind, solar and hydropower projects in selected OECD countries. The two predecessor funds have invested a total in excess of one billion euros in more than 54 wind and solar projects with over 800 megawatts of installed capacity.

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#### **re:cap global investors ag**

re:cap global investors is an independent, internationally-oriented M&A advisor and asset manager for renewable energies. With a specialist team consisting largely of solar and wind energy experts, it provides clients with services geared to the evaluation and selection of suitable projects. Where necessary, re:cap also acts as asset manager for the facilities, reviewing them regularly for potential process and revenue optimisation. As a boutique firm, re:cap offers first-class, high-end advice to institutional investors looking to invest in infrastructure projects in the renewable energy sector. On behalf of its clients, the consultant has already recommended and acquired over 700 megawatts of capacity from projects delivering a total capacity more than 13,000 megawatts.

For more information, visit [www.re-cap.ch](http://www.re-cap.ch)

#### **Nispera**

Established in Zurich in 2015, Nispera provides software solutions to optimize the performance of renewable energy assets. Without additional hardware installation, Nispera connects to wind, solar, and hydro plants globally, harmonizing the information across a diversified portfolio and providing an independent and unbiased view of the asset’s performance and their improvement potential. Nispera’s Customers receive the tools (Realtime Monitoring, Analysis, Reporting, Forecasting, Predictive Maintenance) to drive the profitability of their assets. Nispera currently provides its services to Customers distributed over 4 continents and totaling more than 350 assets, with a triple digit yearly growth of its client base.

For more information, visit [nispera.com](http://nispera.com)

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