Aruba expands Global Cloud Data Center: Italy's largest technology campus gets two new data centers and upgrades to hydroelectric and photovoltaic plants

Three years after opening, Aruba confirms its ambitious investment plan by announcing the imminent completion of two new modules - Data Center-B (DC-B) and Data Center-C (DC-C)

05 October 2020 – Aruba S.p.A. (www.aruba.it), the largest Italian cloud provider and leader in data center services, web hosting, e-mail, PEC and domain registration, is celebrating the third year of its Global Cloud Data Center. The largest campus data center in Italy – which is spread over 200,000 m², is environmentally friendly and equipped with the most modern technologies – was first opened in Ponte San Pietro (Bergamo) on 5 October 2017.

To mark the anniversary of the campus, Aruba has formalized extensive expansion work that involves the entire area and will lead to the imminent activation of two new data centers, called DC-B and DC-C. In detail, the DC-B will have a power of 9 MW, divided between three large rooms. The DC-C, on the other hand, will be a multi-storey data center with 4 data rooms located on two levels, and a fully operational power of 8 MW. The works on the DC-B will be completed by the first half of 2021, while those relating to the DC-C by the first half of 2022.

The new modules will go alongside DC-A, the first of the data centers inaugurated within the campus, which has 10 data rooms, with almost all capacity being used. With the two new modules, the surface area hosting the data centers on the campus becomes 80,000m² of which over 23,000 m² is dedicated to data rooms.

Further development of energy production: photovoltaic, hydroelectric and a third turbine.

Sustainability is an essential value for the company which, as part of its expansion plan, has made significant investments in the supply of energy from renewable sources. In this regard, Global Cloud Data Center is one of Aruba's green Data Centers and uses energy from various environmentally friendly sources including photovoltaics and hydroelectricity - thanks to a hydroelectric power plant within the area. It also uses other technologies such as highly efficient geothermal systems, which allow the temperature of the data rooms to be regulated, further lowering consumption, the energy used by the data centers and consequently the environmental impact.

In order to further enhance the on-site energy production capacity, which guarantees maximum efficiency, the two new modules DC-B and DC-C will be covered with new generation photovoltaic systems both on the walls and on the roofs. Within the next three months, a new photovoltaic system will be completed on the roof of DC-A, which will be added to the system already in operation on the south wall. In addition, a third turbine will be installed inside the hydroelectric plant. Thanks to these innovations self-produced clean energy within the campus will reach a total of about 6 MW and as a result the benefits of using green energy will benefit all Aruba customers, allowing them to implement conscious and sustainable energy consumption.

"Thanks to the investments in the two new data centers and the upgrading of the plants to enable greater self-production of energy from renewable sources, we are pursuing the goal we set for ourselves at the birth of the Global Cloud Data Center," declared Stefano Cecconi, CEO of Aruba S.p.A. *"That is to make the best technologies available to our customers, while respecting the environment. Today we are adding several new blocks to the*

technology campus with the intention is to maintain our negative carbon footprint across the entire Aruba Data Center network."

For further details on Global Cloud Data Center: http://aru.ba/datacenteren

Aruba S.p.A.

Aruba S.p.A., founded in 1994, is the leading company in Italy for data centers, web hosting, email, certified email (PEC) and domain registration services. Aruba is also active in key European markets including France, the UK and Germany, and is the leader in the Czech Republic and Slovakia, with an established presence in Poland and Hungary. The company has a huge amount of experience in the management of data centers, with a European network capable of hosting over 200,000 servers.

Aruba manages 2.7 million domains, 8.6 million email accounts, 7.1 million certified email (PEC) accounts, 130,000 physical and virtual servers and a total of around 5.4 million customers. We provide hosting services, public and private cloud services, housing and colocation services, dedicated servers, digital signature services, digital preservation, e-billing, certified email, SSL certificates and smart-cards.

Thanks to Aruba Business, founded in 2015, we can offer all our services to a vast network of IT partners, and with our Pratiche.it brand, we provide document delivery and recovery services throughout Italy. Since 2016 Aruba has been the Official Registry for the prestigious ".cloud" extension.

For over 10 years, Aruba Enterprise has been offering Cloud, Data Center and Trust Service solutions to businesses and public authorities, designing, implementing and managing highly customized IT solutions.

For further information: https://www.aruba.it; www.arubacloud.com

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