

## **Skeleton Technologies and DIMAC RED S.p.A. Signed a Contract to Scale Up Ultracapacitor Distribution.**

**INNOTRANS Berlin, Germany, 18<sup>th</sup> of September 2018.** Skeleton Technologies, Europe's leading ultracapacitor manufacturer has signed a contract with the Italian company DIMAC RED S.p.A. for distribution and technical cooperation in Heavy Transportation and Grid applications.

In grid applications, the power density and low ESR allows for frequency regulation, voltage drop avoidance and blackout prevention. In the megawatt second range, nothing comes close to ultracapacitors when there is a need for extremely high power and current densities due to their electrostatic nature. Skeleton Technologies' ultracapacitors have the highest power and energy density available on the market.

In transportation applications, and especially in KERS systems ultracapacitors enable a fuel economy of 32 % for light delivery trucks and 34% for RTG cranes. This technology is transferable to the rail transportation industry. Ultracapacitors are already widely used in light rail energy recuperation systems and in grid blackout prevention systems, two areas of expertise familiar to DIMAC RED.

DIMAC RED S.p.A., has been key provider of ultracapacitor technology for the past 14 years and has implemented it on light trucks and other hybrid and electric vehicles from an early design phase.

"We have tested all the leading suppliers on the market and are convinced that Skeleton Technologies has by far the best offer. The lowest internal resistance (ESR) and highest efficiency levels of Skeleton's ultracapacitors lets us explore new solutions that were not thinkable with other products. We are now keen to scale up the technology.", said Mr. Valter Arosio Chief Executive Officer of DIMAC RED S.p.A.

Mr Taavi Madiberk, CEO of Skeleton Technologies added: "For us, this is an important step to enlarge our network and have DIMAC RED on board to help boost our business, especially in Heavy Transportation and Grid. With the highest power density ultracapacitors on the market, DIMAC RED will help provide the vital energy and cost savings required for today and tomorrow's energy storage systems"



## PRESS RELEASE

**About Skeleton Technologies**

Skeleton Technologies is the global leader in graphene-based ultracapacitors and energy-storage systems. We deliver high power, high energy, reliable and long-life storage solutions across the industry. Through the use of patented 'curved graphene', we have achieved global breakthroughs in ultracapacitor performance and successfully commercialized our ultracapacitors, in trucks, buses, and grid applications.

Since our foundation in 2009, we have raised 42 M EUR to support manufacturing scale-up in Germany and in Estonia and grown our headcount from 4 to 100 people.

Our ultracapacitors deliver twice the energy density and 4 times the power density offered by other manufacturers. Our current customer base ranges from leading Tier One automotive firms and industrial equipment OEMs to truck fleet operators and aerospace prime contractors.

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**About DIMAC Red S.p.A.**

Dimac Red Spa is a professional sales organization, established in 1979, dedicated to serving the European market with High Reliability electronic products. Our mission is to provide customers with products and services that require a unique level of technical support.

Our services include design, prototypes and subsystems production, hirel procurement activities, design analyses (WCA, FMECA, radiation) and additional screening/testing. Focused mainly on the aerospace, military, railway markets (but also on automotive, telecom and medical markets), our experienced technical engineers provide Design-In and Added Value in order to help professionals and designers use High Reliability electronic components and sub-systems. Using this resource, our customers have an easy access to a wide knowledge of the latest advanced technologies suitable for their needs. Dimac Red Spa is ISO9001:2008 and Trace anti-bribery compliant.

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