

## Questions and Answers

1. Q: What motivated you to present the j-Nova warming technology to the European market?

A: We have closely followed the development process of this groundbreaking technology over the past few years, and could sense the emergence of a system far superior to any other textile heating technology currently on the market. The technology will undoubtedly bring comfort and enhance lives, and we are convinced that it will become a huge success. This is why we decided to bring the technology to the European market, under the brand **nanogy**.

2. Q: What differentiates your technology from existing heating systems?

A: Some highlights of this unique technology are outlined below:

- Based on conductive nanotech material, the textile can be as thin as 0.1mm. An A4-sized area weighs just 13g including a connector.
- All existing systems on the market use either metal or metal wires, making them inflexible, breakable, difficult to wash, and they also emit increased levels of radiation. Our technology contains absolutely **no metal**, and even the 'cable' is entirely non-metallic. Energy can be provided from any power source such as a standard powerbank. The technology is **extremely flexible**, can be **scrunched or crushed**, and is **washable** for more than 1000 times at any temperature. It emits **no harmful radiation**, is **extremely durable** and nearly **impossible to break**. Simply put, it is **easy to use** and can **improve lives** in many ways.

3. Q: The technology was introduced to the European market at ISPO this year. What has been the reaction so far? Which industries are interested, and are there any restrictions?

A: The ISPO exhibition in Munich was a huge success, and the results since the market launch have far exceeded our expectations. A jacket using our intelligent warming technology won an ISPO award, and many companies are currently developing prototypes. The first products will launch within the next few weeks. And it's not just outdoor fashion firms that are interested as there are so many areas in which warmth can improve lives. A few examples are:

- Outdoor clothing and sportswear (Skiing, Hunting, Climbing, Horse Riding, Running)
- Workwear
- Automotive OEMs and Tier1 (Seat heating, arm rest heating, steering wheel heating)
- Medical companies and institutions
- Motorcycle producers and clothing companies
- Industrial clients

- Aerospace companies
- Fashion and industrial designers
- Universities
- Defense

...but this is just the beginning. We believe that our technology will become an integrated part of daily life – there are no boundaries. We love to expand horizons, and encourage designers, technicians, and academics to cooperate with us.

4. Q: Nanotechnology can be harmful to the human body. Is your technology safe?

A: Yes. Nanotechnology is such a broad area and is, although we may not realize it, present in many areas of our daily lives. Examples include cosmetics or even drinking water. Our technology is absolutely safe, and we also have CE Certification confirming that the technology is free of any electronic radiation.

5. Q: Sustainability is a huge concern for many designers and fashion labels. Is your material sustainable?

A: The material we use is biodegradable and emits no radiation. Furthermore, our technology has an extremely high energy efficiency conversion rate of 90%. That is so far unprecedented in smart textile technologies.

6. Q: What is the outlook for your company/technology?

A: We, together with our partner in Nanopolis, China, and the team in Silicon Valley, are constantly developing new features. An example of this is sensors which can be integrated into the smart textile and send signals to devices such as smart phones or medical receivers. Without giving too much away, we will soon be offering a cooling system.

7. Q: How can we get in touch?

A: Just drop us a line at: [www.nanogy.com](http://www.nanogy.com) or call us on +49 (0) 69 13027778.

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